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Phase II Environmental Site Assessment Report

For:

180 Main Street

Main Court Partners LLC

160 Hillair Circle

White Plains, Westchester County, NY

Prepared for:

Main-Court Partners LLC

SESI Project No:
12859

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LIST OF ACRONYMS

Acronym	Definition
ACM	Asbestos-Containing Material
AST	Aboveground Storage Tank
AWQS	Class GA Ambient Water Quality Standards and Guidance Values
EM	Electromagnetic
ESA	Environmental Site Assessment
ft-bgs	feet below ground surface
GPR	Ground Penetrating Radar
LBP	Lead-based Paint
MSL	Mean Sea Level
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanic Acid
PFOS	Perfluorooctanesulfonic Acid
PGWSCO	Protection of Groundwater Soil Cleanup Objectives
PHC	Petroleum Hydrocarbon
PID	Photoionization Detector
RRSCO	Restricted Residential Soil Cleanup Objective
SCO	Soil Cleanup Objective
SESI	SESI Consulting Engineers, DPC
SVOC	Semi-Volatile Organic Compound
TAL	Target Analyte List

Acronym	Definition
TCL	Target Compound List
TOGS	Technical and Operational Guidance Series 1.1.1
USCO	Unrestricted Use Soil Cleanup Objective
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound

1.0 INTRODUCTION

SESI Consulting Engineers (SESI) has conducted this Phase II Environmental Site Assessment (Phase II ESA) on behalf of the Requestor, Galleria City Holding Co LLC, for the property located at 180 Main Street, White Plains, New York ("Site"). The Site is known as a 1.8218 acre Condominium Lot Section 125.75 Block 4, Lot 4-4..11. The Site is located in a commercial/residential/government building area in the downtown area of White Plains, New York. The Site is improved with the northern portion of a former Macy's store and the adjacent City of White Plains parking garage at the Galleria Mall. The previous department stores at the site had underground oil storage tanks that leaked and had spills. The Site currently is being temporarily used for homeland security and police active shooter practice drills. A Site Location Map is presented as **Figure 1.1**.

This Phase II ESA report complies with the American Society for Testing and Materials Standards (ASTM E1903) and the New York State Department of Environmental Conservation (NYSDEC) Guidance Document for Site Investigations DER-10.

1.1 SITE SETTING

The Site is composed of a cumulative approximately 1.8218 acres that has been developed with an abandoned Macy's and the adjacent City of White Plains parking garage. The subject property is bound to the north by commercial/office/residential, to the south by the remainder of the abandoned Macy's (50 Court Street BCP Site No. C360258), to the east by commercial/office/residential/park, and to the west by the remainder of the Galleria Mall and associated parking. The closest notable surface water body is the Bronx River located approximately 0.35 miles west of the subject property.

1.2 SITE HISTORY

The Subject Property was developed prior to 1885 based on the Sanborn Fire Insurance Maps. Historical land uses included print shops, painting and oil shops, bottling works, plumbing and tin shops, a bowling alley, a fire department and a portion of the Westchester County Courthouse and commercial/residential spaces (circa 1885-1950), followed by the Galleria Mall. The Galleria Mall was constructed in approximately 1980. The Subject property was improved with a portion of the Galleria Mall anchor store Abraham and Straus (circa 1980-1995), and then Sterns (circa 1995-1996), and then Macys (circa 1996 to 2023). These facilities were all apparently heated with large oil tanks, which had a history of some spills.

2.0 FIELD INVESTIGATION

The investigation included soil, soil vapor, and groundwater sampling conducted from December 2022 to April 2025. **Table 2.1** attached presents a summary of the exceedances in the samples collected. All samples were transported under chain of custody to Alpha Laboratories and SGS North America, New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program-certified laboratories.

Prior to conducting subsurface drilling, SESI's drilling contractors contacted New York's utility mark-out system.

Soil and groundwater samples were analyzed for Target Compound List (TCL) +30/Target Analyte List (TAL) list including VOCs by EPA Method 8260, semi-VOCs (SVOCs) by EPA Method 8270, TAL metals, PCBs by EPA Method 8082A, and pesticides by EPA Method 8081, in addition to cyanide. Additionally, certain soil and groundwater samples were analyzed for per and polyfluoroalkyl substances (PFAS) by EPA Modified Method 537/1633 and 1,4 dioxane by EPA Method 8270D SIM. Soil vapor samples were analyzed for VOCs in accordance with EPA Method TO-15.

The borings were advanced to depths ranging from 5 to 20 feet below ground surface (ft-bgs). Based on the subsurface investigations conducted to date, the stratigraphy of the Site, from the surface down, consists of fill material below surface cover to depths of approximately up to 8 feet below ground surface (ft-bgs). Fill material is underlain by generally brown/gray coarse to fine sand, some silt and little gravel to boring completion. Groundwater was encountered between 20 to 23 ft-bgs on the east. Based on review of the Remedial Investigation Report (RIR) from an adjacent Brownfield Cleanup Program Site (C360073) to the northeast (221 Main Street), the elevation of groundwater at the Site is approximately 180-200 feet above mean sea level (20 feet below ground surface), and groundwater flow direction is expected to be in the western direction. PID readings and detailed soil descriptions are provided in the boring logs presented in **Appendix A**.

3.0 ANALYTICAL RESULTS

3.1 SOIL INVESTIGATION RESULTS

The soil investigation exceedances are listed in **Table 2.1**. The soil samples were sent to SGS and Alpha laboratories under a Chain of Custody for the analysis of the TCL/TAL+30 suite of

parameters, which include VOCs by EPA Method 8260C, SVOCs by EPA Method 8270D, TAL metals by EPA Method 6010C/7471, PCBs by EPA Method 8082A, pesticides by EPA Method 8081B, and cyanide by EPA Method 9082. In addition, certain samples were analyzed for PFAS by EPA Modified Method 537/1633 and 1,4-dioxane by EPA Method 8270D SIM.

A summary table of the analytical results for samples collected compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (USCOs), Protection of Groundwater Soil Cleanup Objectives (PGWSCOs), Restricted Residential Cleanup Objectives (RRSCOs), and the latest NYSDEC Soil Screening Levels for emerging contaminants (NYSDEC Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs) is presented in **Table 3.1**. A summary of the samples exceeding the soil cleanup objectives (SCOs) is presented on **Table 3.2A** (2022 Data), **Table 3.2B** (2023 Data), **Table 3.2C** (2024 Data) and **Table 3.2D** (April 2025 data) below and on **Figure 3.1**. The laboratory analytical data is provided in **Appendix B.**

As shown on **Tables 3.2A**, **3.2B**, **3.2C**, and **3.2D** below and **Figure 3.1**, results of soil sampling conducted Site-wide from December 2022 to April 2025 2024, the following observations were made:

- SVOCs (primarily polycyclic aromatic hydrocarbons [PAHs]) were observed to exceed the RRSCOs, PGWSCO's or USCOs throughout the Site from 1 to 10 ft-bgs. Higher concentrations were specifically found at the north portion of the Site.

- Metals including chromium, copper, mercury, and zinc were found above the USCOs to 6 ft-bgs across the Site. Additionally, lead was found above the PGWSCO and RRSCO in one (1) sample (SB-34 [3-3.5']) at the southeast from 3 to 3.5 ft-bgs. As described below, chromium copper, and lead were also identified in groundwater exceeding the AWQS and therefore, the groundwater pathway for chromium and lead requires further evaluation.

- Pesticides were found above the USCOs to 15.5 ft-bgs Site-wide and 4,4'-DDT was found above the RRSCO in sample SB-13(2.5-3') at the northwest of the Site from 2.5-3 ft-bgs. No PCBs, VOCs or PFAS were found in soil.

Table 3.2A: Summary of Soil Sample Exceedances (2022 Data)

Sample ID:		**PGWSCOs**	**RRSCOs**	**USCOs**	SB-1(3-3.5)	SB-2(3.5-4)	SB-12(15-15.5)	SB-11(5-5.5')
Date Sampled:					12/7/2022	12/7/2022	12/8/2022	12/9/2022
Matrix:					Soil	Soil	Soil	Soil
Analyte	**Unit**							
(GC/LC Semi-volatiles (SW846 8081B))								
4,4'-DDD	mg/kg	14	13	0.0033	ND (0.00066)	ND (0.00068)	ND (0.00065)	0.013
4,4'-DDE	mg/kg	17	8.9	0.0033	0.00061 J	ND (0.00068)	ND (0.00065)	0.0052
4,4'-DDT	mg/kg	136	7.9	0.0033	0.0041 B	0.0033 B	0.0037 B	0.0069 B

Sample ID:		**PGWSCOs**	**RRSCOs**	**USCOs**	SB14(1.5-2)	SB14(4.5-5)	SB15(3.5-4)	SB15(6-6.5)
Date Sampled:					12/19/2022	12/19/2022	12/19/2022	12/19/2022
Matrix:					Soil	Soil	Soil	Soil
Analyte	**Unit**							
(GC/LC Semi-volatiles (SW846 8081B))								
4,4'-DDT	mg/kg	136	7.9	0.0033	0.0056 B	0.0043 B	0.0069 B	0.0046 B
(MS Semi-volatiles (SW846 8270E))								
Benzo(a)anthracene	mg/kg	1	1	1	0.137	0.0385	1.01	ND (0.036)
Chrysene	mg/kg	1	3.9	1	0.156	0.0403	1.01	ND (0.036)
Indeno(1,2,3-cd)pyrene	mg/kg	8.2	0.5	0.5	0.133	0.0379	0.699	ND (0.036)

Sample ID:		**PGWSCOs**	**RRSCOs**	**USCOs**	SB-13(4-4.5')	SB-13(2.5-3')	SB30(1-1.5)	SB30(4-4.5)
Date Sampled:					12/9/2022	12/9/2022	12/19/2022	12/19/2022
Matrix:					Soil	Soil	Soil	Soil
Analyte	**Unit**							
(GC/LC Semi-volatiles (SW846 8081B))								
4,4'-DDD	mg/kg	14	13	0.0033	0.104	0.003	ND (0.00069)	ND (0.00067)
4,4'-DDE	mg/kg	17	8.9	0.0033	0.11	0.003	ND (0.00069)	ND (0.00067)
4,4'-DDT	mg/kg	136	7.9	0.0033	0.046 B	0.0118 B	0.0076 B	0.0048 B
(Metals Analysis (SW846 6010D))								
Lead	mg/kg	450	400	63	191	32.7	51.8	2.9
Zinc	mg/kg	2480	10000	109	190	55.8	67	16.8
(Metals Analysis (SW846 7471B))								
Mercury	mg/kg	0.73	0.81	0.18	0.3	0.072	0.082	ND (0.033)
(MS Semi-volatiles (SW846 8270E))								
Benzo(a)anthracene	mg/kg	1	1	1	6.78	0.56	0.126	ND (0.034)
Benzo(a)pyrene	mg/kg	22	1	1	7.03	0.566	0.138	ND (0.034)
Benzo(b)fluoranthene	mg/kg	1.7	1	1	7.16	0.56	0.153	ND (0.034)
Benzo(k)fluoranthene	mg/kg	1.7	3.9	0.8	2.3	0.195	0.0618	ND (0.034)
Chrysene	mg/kg	1	3.9	1	5.95	0.488	0.138	ND (0.034)
Dibenzo(a,h)anthracene	mg/kg	1000	0.33	0.33	0.976	0.0898	0.0248 J	ND (0.034)
Indeno(1,2,3-cd)pyrene	mg/kg	8.2	0.5	0.5	4.17	0.399	0.104	ND (0.034)

Notes:	
	Concentration Exceeds the USCO
	Concentration Exceeds the PGWSCO or RRSCO
mg/kg	Milligrams per Kilogram
U =	Compound Not Detected
J =	Estimated Concentration
B =	Compound Detected in Lab Blank

Sample ID:		**PGWSCOs**	**RRSCOs**	**USCOs**	SB21(2-2.5)	SB25 (7-7.5)	SB24 (5.5-6)
Date Sampled:					12/19/2022	12/20/2022	12/20/2022
Matrix:					Soil	Soil	Soil
Analyte	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))							
4,4'-DDT	mg/kg	136	7.9	0.0033	0.0052 B	0.0094 B	0.0025 B
(Metals Analysis (SW846 7471B))							
Mercury	mg/kg	0.73	0.81	0.18	0.033	0.1	0.18
(MS Semi-volatiles (SW846 8270E))							
Indeno(1,2,3-cd)pyrene	mg/kg	8.2	0.5	0.5	0.151	0.545	0.316

Notes:
Concentration Exceeds the USCO
Concentration Exceeds the PGWSCO or RRSCO
mg/kg Milligrams per Kilogram
U = Compound Not Detected
J = Estimated Concentration
B = Compound Detected in Lab Blank

Table 3.2B: Summary of Soil Sample Exceedances (2023 Data)

LOCATION		**PGWSCOs**	**RRSCOs**	**USCOs**	**SB31 (2-2.5)**		**SB31 (13-13.5)**		**SB34 (3-3.5)**		**SB39 (1-1.5)**	
SAMPLING DATE					**1/25/2023**		**1/25/2023**		**1/25/2023**		**1/26/2023**	
SAMPLE TYPE					**SOIL**		**SOIL**		**SOIL**		**SOIL**	
	Units				**Results**	**Q**	**Results**	**Q**	**Results**	**Q**	**Results**	**Q**
Organochlorine Pesticides by GC												
4,4'-DDT	mg/kg	136	7.9	0.0033	0.00355	P	0.00503		0.00162	U	0.00161	U
Total Metals												
Chromium, Total	mg/kg		180	30	15.2		13.1		39.9		15.3	
Copper, Total	mg/kg	1720	270	50	37.4		24.8		64.9		70.8	
Lead, Total	mg/kg	450	400	63	40.3		31.2		752		49.3	
Zinc, Total	mg/kg	2480	10000	109	59.1		47.4		352		78	

LOCATION		**PGWSCOs**	**RRSCOs**	**USCOs**	**SB-1A (0.5-1)**		**SB-4A (6-6.5)**		**SB-5A (4.5-5)**		**SB-5A (7-7.5)**	
SAMPLING DATE					**3/23/2023**		**3/23/2023**		**3/23/2023**		**3/23/2023**	
SAMPLE TYPE					**SOIL**		**SOIL**		**SOIL**		**SOIL**	
	Units				**Results**	**Q**	**Results**	**Q**	**Results**	**Q**	**Results**	**Q**
Organochlorine Pesticides by GC												
Dieldrin	mg/kg	0.1	0.2	0.005	0.000982	U	0.00108	U	0.0242		0.0107	U
4,4'-DDE	mg/kg	17	8.9	0.0033	0.00157	U	0.00172	U	0.000774	JIP	0.00514	J
4,4'-DDD	mg/kg	14	13	0.0033	0.00157	U	0.00172	U	0.00581		0.0171	U
Total Metals												
Copper, Total	mg/kg	1720	270	50	7.58		8.78		72.7		23.4	
Lead, Total	mg/kg	450	400	63	167		4.62		333		37.4	
Mercury, Total	mg/kg	0.73	0.81	0.18	0.064	U	0.07	U	0.404		0.07	U
Nickel, Total	mg/kg	130	310	30	3.73		33.9		13.8		12.9	
Zinc, Total	mg/kg	2480	10000	109	13.3		40.8		372		62.6	

Notes:
Concentration Exceeds the USCO
Concentration Exceeds the PGWSCO or RRSCO
mg/kg Milligrams per Kilogram
U = Compound Not Detected
J = Estimated Concentration
B = Compound Detected in Lab Blank

LOCATION		PGWSCOs	RRSCOs	USCOs	SB-6A (5-5.5)		SB-38A (1-1.5)	
SAMPLING DATE					3/23/2023		3/30/2023	
SAMPLE TYPE					SOIL		SOIL	
	Units				Results	Q	Results	Q
Organochlorine Pesticides by GC								
4,4'-DDD	mg/kg	14	13	0.0033	0.00208	U	0.00574	
Volatile Organics by EPA 5035								
Acetone	mg/kg	0.05	100	0.05	0.054		0.019	

Notes:	
	Concentration Exceeds the USCO
	Concentration Exceeds the PGWSCO or RRSCO
mg/kg	Milligrams per Kilogram
U =	Compound Not Detected
J =	Estimated Concentration
B =	Compound Detected in Lab Blank

Table 3.2C: Summary of Soil Sample Exceedances (2024 Data)

LOCATION		PGWSCOs	RRSCOs	USCOs	SB-25 (1-1.5)		SB-30 (2.5-3)		SB-32 (1.5-2)		SB-32 (7-7.5)	
SAMPLING DATE					2/6/2024		2/6/2024		2/6/2024		2/6/2024	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
	Units				Results	Q	Results	Q	Results	Q	Results	Q
Organochlorine Pesticides by GC												
4,4'-DDD	mg/kg	14	13	0.0033	0.00171		0.00349		0.00166	U	0.0017	U
cis-Chlordane	mg/kg	2.9	4.2	0.094	0.000609	JIP	0.00411		0.00129	J	0.15	
Semivolatile Organics by GC/MS												
Benzo(a)anthracene	mg/kg	1	1	1	3.3		0.58		6.7		20	
Benzo(a)pyrene	mg/kg	22	1	1	3.4		0.48		6.3		18	
Benzo(b)fluoranthene	mg/kg	1.7	1	1	4		0.53		13		22	
Benzo(k)fluoranthene	mg/kg	1.7	3.9	0.8	1.4		0.19		2.2		3	
Chrysene	mg/kg	1	3.9	1	3.3		0.56		5.8		19	
Dibenzo(a,h)anthracene	mg/kg	1000	0.33	0.33	0.57		0.077	J	1		1.5	
Indeno(1,2,3-cd)pyrene	mg/kg	8.2	0.5	0.5	2.1		0.28		3.9		6.3	
Total Metals												
Lead, Total	mg/kg	450	400	63	49.7		123		32.6		18.6	
Mercury, Total	mg/kg	0.73	0.81	0.18	0.174		0.201		0.094		0.068	J
Zinc, Total	mg/kg	2480	10000	109	58		128		46.4		30.8	

Notes:	
	Concentration Exceeds the USCO
	Concentration Exceeds the PGWSCO or RRSCO
mg/kg	Milligrams per Kilogram
U =	Compound Not Detected
J =	Estimated Concentration
B =	Compound Detected in Lab Blank

Table 3.2D: Summary of Soil Sample Exceedances (2025 Data)

LOCATION		PGWSCOs	RRSCOs	USCOs	SB-101 (4.5-5)		SB-101 (9.5-10)		SB-102 (4.5-5)		SB-103 (1.5-2)	
SAMPLING DATE					4/7/2025		4/9/2025		4/7/2025		4/7/2025	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
	Units				Results	Q	Results	Q	Results	Q	Results	Q
Organochlorine Pesticides by GC												
4,4'-DDD	mg/kg	14	13	0.0033	0.00802		0.00166	U	0.00247		0.000659	J
4,4'-DDT	mg/kg	136	7.9	0.0033	0.00169	U	0.00693		0.00171	U	0.00172	U
Semivolatile Organics by GC/MS												
Benzo(b)fluoranthene	mg/kg	1.7	1	1	0.087	J	1		0.17		0.22	
Total Metals												
Lead, Total	mg/kg	450	400	63	57.2		25.3		102		87.5	
Mercury, Total	mg/kg	0.73	0.81	0.18	0.217		0.12		0.185		0.203	

LOCATION		PGWSCOs	RRSCOs	USCOs	SB-105 (1-1.5)		SB-106 (0.5-1)		SB-104 (1-1.5)		SB-102 (4.5-5)	
SAMPLING DATE					4/7/2025		4/7/2025		4/8/2025		4/7/2025	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
	Units				Results	Q	Results	Q	Results	Q	Results	Q
Semivolatile Organics by GC/MS												
Benzo(a)pyrene	mg/kg	22	1	1	1.1		0.16		0.15	J	0.16	
Benzo(b)fluoranthene	mg/kg	1.7	1	1	1.2		0.19		0.18		0.17	
Indeno(1,2,3-cd)pyrene	mg/kg	8.2	0.5	0.5	0.58		0.086	J	0.1	J	0.1	J
Total Metals												
Lead, Total	mg/kg	450	400	63	35.1		51.8		63.7		102	
Mercury, Total	mg/kg	0.73	0.81	0.18	0.074	J	0.478		0.248		0.185	

LOCATION		PGWSCOs	RRSCOs	USCOs	SB-112 (4.5-5)		SB-113 (4.5-5)		SB-113 (9.5-10)		SB-114 (4.5-5)	
SAMPLING DATE					4/9/2025		4/9/2025		4/9/2025		4/9/2025	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
	Units				Results	Q	Results	Q	Results	Q	Results	Q
Organochlorine Pesticides by GC												
4,4'-DDE	mg/kg	17	8.9	0.0033	0.00496	IP	0.00144	J	0.0911		0.00171	U
4,4'-DDD	mg/kg	14	13	0.0033	0.0187		0.00168	U	0.133		0.00171	U
4,4'-DDT	mg/kg	136	7.9	0.0033	0.00174	U	0.0049		0.0498		0.00171	U
Polychlorinated Biphenyls by GC												
Aroclor 1254	mg/kg	3.2	1	0.1	0.124		0.0135	J	0.0682		0.0536	U
PCBs, Total	mg/kg	3.2	1	0.1	0.219	J	0.0242	J	0.107	J	0.0536	U
Semivolatile Organics by GC/MS												
Benzo(a)anthracene	mg/kg	1	1	1	23		0.46		31		0.11	U
Benzo(a)pyrene	mg/kg	22	1	1	19		0.49		28		0.14	U
Benzo(b)fluoranthene	mg/kg	1.7	1	1	22		0.6		35		0.11	U
Benzo(k)fluoranthene	mg/kg	1.7	3.9	0.8	8.4		0.22		11		0.11	U
Chrysene	mg/kg	1	3.9	1	19		0.44		27		0.11	U
Dibenzo(a,h)anthracene	mg/kg	1000	0.33	0.33	2.7		0.064	J	4		0.11	U
Indeno(1,2,3-cd)pyrene	mg/kg	8.2	0.5	0.5	11		0.3		14		0.14	U
Total Metals												
Lead, Total	mg/kg	450	400	63	82.2		94.7		20.8		2.02	J
Nickel, Total	mg/kg	130	310	30	10.4		7.2		3.99		36.6	
Zinc, Total	mg/kg	2480	10000	109	115		93.4		88.9		74.8	

Notes:

	Concentration Exceeds the USCO
	Concentration Exceeds the PGWSCO or RRSCO
mg/kg	Milligrams per Kilogram
U =	Compound Not Detected
J =	Estimated Concentration
B =	Compound Detected in Lab Blank

3.2 GROUNDWATER INVESTIGATION RESULTS

Five (5) groundwater temporary wellpoints were installed and sampled by SESI between December 2022 and July 2023. A total of five (5) groundwater samples were collected and analyzed for various parameters including VOCs by EPA Method 8260C, SVOCs by EPA Method 8270D, TAL metals by EPA Method 6010C/7471, PCBs by EPA Method 8082A, pesticides by EPA Method 8081B, cyanide by EPA Method 9082, PFAS by EPA Method 537/1633 and 1.4-dioxane by EPA Method 8270D SIM. Metals compounds were analyzed for totals metals (unfiltered). A summary table of the analytical results compared to NYSDEC Technical and Operational Guidance Series 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (AWQS) is presented on **Table 3.3**. A summary of compounds exceeding the AWQS is presented on **Table 3.4A** (2022 Data) and **Table 3.4B** (2023 Data) below and on **Figure 3.2**. The laboratory analytical reports are provided in **Appendix B**.

As presented on **Table 3.4A, Table 3.4B** and **Figure 3.2**, the groundwater analytical results indicate consistent concentrations of various VOCs, PFAS, PAHs, metals, and pesticides were found to exceed the AWQS throughout the Site. As described above elevated concentrations of PAHs, chromium, copper, were detected in soil exceeding the USCOs and lead was detected above the RRSCO; therefore the protection of groundwater pathway must be further evaluated. These elevated concentration PAHs and metals detected in soil that are attributed to the historic uses are impacting the Site's groundwater.

Table 3.4A: Summary of Groundwater Sample Exceedances (2022 Data)

Sample ID:	NYSDEC AWQS	GW-1
Lab Sample ID:		JD56962-4
Date Sampled:		12/9/2022
Matrix:		Ground Water
PFAS (ng/l)		
Perfluorooctanesulfonic acid	2.7	6.1
Perfluorooctanoic acid	6.7	40.3
Metals Analysis (ug/l)		
Iron	300	3470
Manganese	300	848
Sodium	20000	898000

Notes

NYSDEC AWQS - New York State Department of Environmental Conservation Ambient Water Quality Standard

Exceedance of the NYSDEC AWQS

Table 3.4B: Summary of Groundwater Sample Exceedances (2023 Data)

LOCATION		GW-16		GW-20	
SAMPLING DATE		6/9/2023		7/19/2023	
LAB SAMPLE ID		L2332665-06		L2341423-03	
SAMPLE TYPE		WATER		WATER	
SAMPLE DEPTH (ft.)					
	NY-AWQS	Results	Qual	Results	Qual
Pesticides (ug/L)					
Dieldrin	0.004	0.029	U	0.013	J
SVOCs (ug/L)					
Benzo(b)fluoranthene	0.002	0.1	U	0.03	J
Benzo(k)fluoranthene	0.002	0.1	U	0.02	J
Chrysene	0.002	0.1	U	0.02	J
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.02	J
Metals (ug/L)					
Chromium, Total	50	57.69		89.21	
Iron, Total	300	46500		31500	
Lead, Total	25	51.9		9.44	
Magnesium, Total	35000	127000		168000	
Manganese, Total	300	1926		1373	
Selenium, Total	10	34		3.81	J
Sodium, Total	20000	610000		1020000	
Thallium, Total	0.5	0.59	J	0.26	J

SAMPLE ID:		GW-2			GW-27		
LAB ID:		L2316452-05			L2341778-01		
COLLECTION DATE:		3/29/2023			7/20/2023		
SAMPLE MATRIX:		GROUNDWATER			GROUNDWATER		
ANALYTES	NY-AWQS	Conc	Q	RL	Conc	Q	RL
VOCs (ug/l)							
Chloroform	7	ND		2.5	12		2.5
PFAS (ng/l)							
Perfluorooctanesulfonic Acid (PFOS)	2.7	8.16		2.07	-	-	-
Perfluorooctanoic Acid (PFOA)	6.7	121		2.07	-	-	-
SVOCs by SIM (ug/l)							
Benzo(a)anthracene	0.002	1.3		0.1	0.04	J	0.1
Benzo(a)pyrene	0	1.5		0.1	0.04	J	0.1
Benzo(b)fluoranthene	0.002	1.7		0.1	0.04	J	0.1
Benzo(k)fluoranthene	0.002	0.59		0.1	0.04	J	0.1
Chrysene	0.002	1.2		0.1	0.03	J	0.1
Hexachlorobenzene	0.04	ND		0.8	0.04	J	0.8
Indeno(1,2,3-cd)pyrene	0.002	0.9		0.1	0.03	J	0.1
Presicides (ug/l)							
Chlordane	0.05	0.177		0.143	ND		0.143
Metals (ug/l)							
Antimony, Total	3	5.5	J	40	ND		4
Barium, Total	1000	1182		5	1833		0.5
Beryllium, Total	3	2.06	J	5	3.46		0.5
Chromium, Total	50	303.3		10	225		1
Copper, Total	200	292.5		10	579.8		1
Iron, Total	300	102000		500	154000		50
Lead, Total	25	258.3		10	95.06		1
Magnesium, Total	35000	156000		700	201000		70
Manganese, Total	300	4715		10	3440		1
Nickel, Total	100	144.8		20	246.9		2
Selenium, Total	10	37.9	J	50	20.1		5
Sodium, Total	20000	465000		1000	206000		100
Thallium, Total	0.5	ND		10	1.52		1

Notes
NYSDEC AWQS - New York State Department of Environmental Conservation Ambient
Exceedance of the NYSDEC AWQS
J = Estimated
ND = Not Detected
- = Not Analyzed

3.3 SOIL VAPOR INVESTIGATION RESULTS

One (1) soil vapor sample and one (1) indoor air sample were collected from temporary points in December 2022. The soil vapor samples were analyzed for VOCs in accordance with EPA Method TO-15. A summary of the analytical results is presented on **Table 3.5**. A summary of the soil vapor and indoor air detections is presented on **Table 3.6** below and **Figure 3.3**. The laboratory analytical report is provided in **Appendix B**.

The concentrations of soil vapor compounds were evaluated against the NYSDEC Soil Vapor/Indoor Air decision matrices for comparison purposes only. As presented on **Table 3.6** below, the results indicate detections of chlorinated VOCs and petroleum hydrocarbon (PHC) VOCs in indoor air and soil vapor, with some chlorinated VOCs exceeding the applicable decision matrix.

Table 3.6: Summary of Soil Vapor Detections

Sample ID:											IA-2		SV-2	
Lab Sample ID:											JD56955-4		JD56955-2	
Date Sampled:											12/9/2022		12/9/2022	
Matrix:	IAC-A	IAC-B	IAC-D	IAC-E	IAC-F	SSC-A	SSC-B	SSC-D	SSC-E	SSC-F	Indoor Air		Soil Vapor	
MS Volatiles (TO-15) - ug/m3														
1,1,1-Trichloroethane		3					100				ND (0.44)		195	
1,1-Dichloroethane											ND (0.65)		20	
1,1-Dichloroethylene	0.2					6					ND (0.13)		6.7	
1,2,4-Trimethylbenzene			2					60			0.59	J	ND (3.9)	
1,4-Dioxane											ND (0.58)		19	
2,2,4-Trimethylpentane			2					60			0.93		2.4	J
Acetone (2-Propanone)											4.5		79.6	
Benzene			2					60			1.3		2.5	J
Carbon disulfide											ND (0.50)		38.3	
Carbon tetrachloride	0.2					6					0.52		ND (1.0)	
Chloromethane											1		ND (1.7)	
Cyclohexane			2					60			0.41	J	ND (2.8)	
Dichlorodifluoromethane											2.4		39	
Ethanol											14		21.1	
Ethyl Acetate											ND (0.58)		4	
Ethylbenzene			2					60			0.78		2.4	J
Heptane				6					200		0.49	J	7.4	
Hexane				6					200		0.67		9.9	
Isopropyl Alcohol											5.2		42.5	
m,p-Xylene				6					200		2.2		5.6	
Methyl ethyl ketone											0.35	J	11	
Methyl Isobutyl Ketone											ND (0.66)		4.5	
Methylene chloride		3					100				0.69		17	
o-Xylene			2					60			0.83		1.9	J
Propylene											2.6		ND (3.4)	
Tertiary Butyl Alcohol											ND (0.49)		8.5	
Tetrachloroethylene		3					100				0.75		14	
Toluene					10					300	2.3		21	
Trichlorofluoromethane											1.5		ND (2.2)	
Xylenes (total)											3		7.4	

Notes
SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024
SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024
SSC-D: New York DOH Matrix D Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024
SSC-E: New York DOH Matrix E Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024
SSC-F: New York DOH Matrix F Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024
IAC-A: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024
IAC-B: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024
IAC-D: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024
IAC-E: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024
IAC-F: New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated February 2024
Exceedance of a IAC/SSC NYDOH Matrix

4.0 CONCLUSIONS AND RECOMMENDATIONS

The exceedances in the soil, groundwater, and soil vapor reported during the investigation are likely a result of the Site's historical oil storage land use, the presence of USTs that leaked and the presence of contaminated historic fill.

- Analytical results of this investigation identified SVOC impacts (specifically PAHs) above the RRSCOs or USCOs throughout the Site from 1 to 10 ft-bgs. Higher concentrations were specifically found at the northwestern portion of the Site, which may indicate a historic release.

- Metals including chromium, copper, mercury, and zinc were found above the USCOs and lead above the RRSCO to 6 ft-bgs at the western portion of the Site. Additionally lead was found above the RRSCOs in sample SB-34[3-3.5') from 3 to 3.5 ft-bgs at the southeast of the Site. Chromium, copper, and lead were also identified in groundwater exceeding the AWQS and therefore, the groundwater pathway for chromium, copper, and lead requires further evaluation.

- Pesticides were found above the USCOs to 15.5 ft-bgs Site-wide and 4,4'-DDT was found above the RRSCO in sample SB-13(2.5-3') at the northwest of the Site from 2.5-3 ft-bgs. No PCBs, VOCs or PFAS were found in soil. These soil exceedances of the USCOs and RSCOs are likely due to historic property uses, leaking USTs and contaminated historic fill.

- The groundwater analytical results indicate consistent concentrations of one VOC, PFAS, PAHs, metals and pesticides were found to exceed the AWQS throughout the Site, likely

associated with historical uses, USTs and historic fill contamination. As described above elevated concentrations of PAHs, chromium, and copper, and lead were detected in soil exceeding the USCOs and lead above the RRSCO, therefore the protection of groundwater pathway must be further evaluated. These elevated concentration PAHs and metals detected in soil that are attributed to the historic uses are impacting the Site's groundwater.

- Several PHC and chlorinated VOCs were detected in the soil vapor and indoor air sample, and some chlorinated VOCs exceeded their respective decision matrix concentration, which may indicate contamination is present throughout the Site.

SESI recommends that prior to any development on the Site additional investigation be conducted to delineate the extent of the SVOCs (PAHs), metals and pesticides contamination in soil and to evaluate soil remedial options. The investigation should also delineate the VOC, SVOCs (PAHs) metals, pesticide and PFAS contamination in groundwater and evaluate remedial options available to comply with the AWQS. Finally, a soil vapor intrusion evaluation is recommended to address the potential for soil vapor contamination.

Tables

Table 2.1 Summary of Sample Collection
180 Main Street Oil Storage Site,
White Plains, New York

Sample Location ID	Lab ID	Sample ID	Sample/Well Depth (ft bgs)	Date Collected	Analyses
Soil Samples					
SB-1	JD56769	SB-1(3-3.5)	3.0-3.5	12/7/2022	TCL/TAL, 1,4-Dioxane, PFAS
	JD56769	SB-1(16.5-17)	16.5-17.0		TCL/TAL, 1,4-Dioxane, PFAS
SB-2	JD56769	SB-2 ((3.5-4)	3.5-4	12/7/2022	TCL/TAL, 1,4-Dioxane, PFAS
		SB-2 (13.5-14)	13.5-14		TCL/TAL, 1,4-Dioxane, PFAS
SB-12	JD56856	SB-12(7-7.5)	7.0-7.5	12/8/2022	TCL/TAL, 1,4-Dioxane, PFAS
	JD56856	SB-12(15-15.5)	15.0-15.5		TCL/TAL, 1,4-Dioxane, PFAS
SB-11	JD56962	SB-11(5-5.5')	5.0-5.5	12/9/2022	TCL/TAL, 1,4-Dioxane, PFAS
SB-13	JD56962	SB-13(4-4.5')	4.0-4.5	12/9/2022	TCL/TAL, 1,4-Dioxane, PFAS
	JD56962	SB-13(2.5-3')	2.5-3.0		TCL/TAL, 1,4-Dioxane, PFAS
SB-14	JD57603	SB-14 (1.5-2)	1.5-2	12/19/2022	TCL/TAL, PFAS
	JD57603	SB-14 (4.5-5)	4.5-5		TCL/TAL, PFAS
SB-15	JD57603	SB-15 (3.5-4)	3.5-4	12/19/2022	TCL/TAL, PFAS
	JD57603	SB-15 (6-6.5)	6-6.5		TCL/TAL, PFAS
SB-21	JD57603	SB-21 (2-2.5)	2-2.5	12/19/2022	TCL/TAL, PFAS
	JD57603	SB-21 (5-5.5)	5-5.5		TCL/TAL, PFAS
SB-30	JD57603	SB-30 (1-1.5)	1-1.5	12/19/2022	TCL/TAL, PFAS
	JD57603	SB-30 (4-4.5)	4-4.5		TCL/TAL, PFAS
SB24	JD57654	SB-24 (3-3.5)	3-3.5	12/20/2022	TCL/TAL, PFAS
		SB-24 (5.5-6)	5.5-6		
SB25	JD57654	SB25 (.5-1)	0.5-1.0	12/20/2022	TCL/TAL, 1,4-Dioxane, PFAS
	JD57654	SB25 (7-7.5)	7/0-7.5		TCL/TAL, 1,4-Dioxane, PFAS
SB-31	L2304445	SB-31 (2-2.5)	2-2.5	1/25/2023	TCL/TAL, PFAS
	L2304445	SB-31 (13-13.5)	13-13.5		TCL/TAL, PFAS
SB-34	L2304445	SB-34 (3-3.5)	3-3.5	1/25/2023	TCL/TAL, PFAS
	L2304445	SB-34 (14-14.5)	14-14.5		TCL/TAL, PFAS
SB-39	L2304630	SB-39 (1-1.5)	1-1.5	1/26/2023	TCL/TAL, PFAS
	L2304630	SB-39 (11-11.5)	11-11.5		TCL/TAL, PFAS
SB-23	L2304857	SB-23 (1.5-2)	1.5-2	1/27/2023	TCL/TAL, 1,4-Dioxane, PFAS
		SB-23 (8-8.5)	8-8.5		
SB-1	L2315492	SB-1 (0.5-1)	0.5-1	3/23/2023	TCL/TAL
		SB-1 (2.5-3)	2.5-3	3/23/2023	TCL/TAL
SB-4	L2315492	SB-4 (6-6.5)	6-6.5	3/23/2023	TCL/TAL
		SB-4 (9.5-10)	9-9.5	3/23/2023	TCL/TAL
SB-5	L2315492	SB-5 (4.5-5)	4-4.5	3/23/2023	TCL/TAL
		SB-5 (7-7.5)	7-7.5	3/23/2023	TCL/TAL
SB-6	L2315492	SB-6 (0.5-1)	0.5-1	3/23/2023	TCL/TAL
		SB-6 (5-5.5)	5-5.5	3/23/2023	TCL/TAL
SB-38A	L2316865	SB-38	1-1.5	3/30/2023	TCL/TAL
SB-48P	L2332665	SB-48P (3.5-4)	3.5-4	6/9/2023	TCL/TAL
SB-25	L2406580	SB-25 (1-1.5) 020624	1-1.5	2/6/2024	TCL/TAL
SB-30	L2406580	SB-30 (2.5-3) 020624	2.5-3	2/6/2024	TCL/TAL
SB-32	L2406580	SB-32 (1.5-2) 020624	1.5-2	2/6/2024	TCL/TAL
	L2406580	SB-32 (7-7.5) 020624	7-7.5	2/6/2024	TCL/TAL
SB-101	L2520890	SB-101 (4-4.5)	4-4.5	4/7/2025	TCL/TAL
	L2521706	SB-101 (9.5-10)	9.5-10	4/9/2025	TCL/TAL
SB-102	L2520890	SB-102 (4.5-5)	4.5-5	4/7/2025	TCL/TAL
SB-103	L2520890	SB-103 (1.5-2)	1.5-2	4/7/2025	TCL/TAL
SB-104	L2521251	SB-104 (1-1.5)	1-1.5	4/8/2025	TCL/TAL
	L2521251	SB-104 (8.5-9)	8.5-9	4/8/2025	TCL/TAL
SB-105	L2520890	SB-105 (1-1.5)	1-1.5	4/7/2025	TCL/TAL
SB-106	L2520890	SB-106 (0.5-1)	0.5-1	4/7/2025	TCL/TAL
SB-112	L2521706	SB-112 (4.5-5)	4.5-5	4/9/2025	TCL/TAL
SB-113	L2521706	SB-113 (4.5-5)	4.5-5	4/9/2025	TCL/TAL
	L2521706	SB-113 (9.5-10)	9.5-10	4/9/2025	TCL/TAL

Table 2.1 Summary of Sample Collection
180 Main Street Oil Storage Site,
White Plains, New York

Sample Location ID	Lab ID	Sample ID	Sample/Well Depth (ft bgs)	Date Collected	Analyses
Groundwater Samples					
GW-1	JD56962	GW-1	NA	12/9/2022	TCL+30/TAL, PFAS. 1,4-Dioxane
GW-2	L2316452	GW-2	23	3/29/2023	TCL+30/TAL, PFAS. 1,4-Dioxane
GW-16	L2332665	GW-16	20	6/9/2023	TCL/TAL
GW-20	L2341423	GW-20	25	7/19/2023	TCL/TAL
GW-27	L2341778	GW-27	20	7/20/2023	TCL+30/TAL
Air Samples					
SV-2	JD56955	SV-2	5	12/9/2022	TO-15
IA-2	JD56955	IA-2	5	12/9/2022	TO-15

NA = Not Applicable / Depth to Water was not obtained due to a lack of a depth to water meter

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**SB31 (2-2.5)**		**SB31 (13-13.5)**		**SB34 (3-3.5)**		**SB34 (14-14.5)**		**SB39 (1-1.5)**	
	SAMPLING DATE						**1/25/2023**		**1/25/2023**		**1/25/2023**		**1/25/2023**		**1/26/2023**	
	LAB SAMPLE ID						**L2304445-01**		**L2304445-02**		**L2304445-07**		**L2304445-08**		**L2304630-07**	
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**	
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**
General Chemistry																
	Solids, Total	NONE	%				80.2		93		94		97.3		93.7	
	Cyanide, Total	57-12-5	mg/kg	40	27	27	1.2	U	1	U	0.22	J	0.97	U	1	U
Organochlorine Pesticides by GC																
	Delta-BHC	319-86-8	mg/kg	0.25	100	0.04	0.0019	U	0.00166	U	0.00162	U	0.00155	U	0.00161	U
	Lindane	58-89-9	mg/kg	0.1	1.3	0.1	0.000793	U	0.000693	U	0.000677	U	0.000645	U	0.000672	U
	Alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	0.000793	U	0.000693	U	0.000677	U	0.000645	U	0.000672	U
	Beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	0.0019	U	0.00166	U	0.00162	U	0.00155	U	0.00161	U
	Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	0.000952	U	0.000832	U	0.000812	U	0.000774	U	0.000806	U
	Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	0.0019	U	0.00166	U	0.00162	U	0.00155	U	0.00161	U
	Heptachlor epoxide	1024-57-3	mg/kg				0.00357	U	0.00312	U	0.00304	U	0.0029	U	0.00302	U
	Endrin	72-20-8	mg/kg	0.06	11	0.014	0.000793	U	0.000693	U	0.000677	U	0.000645	U	0.000672	U
	Endrin aldehyde	7421-93-4	mg/kg				0.00238	U	0.00208	U	0.00203	U	0.00194	U	0.00201	U
	Endrin ketone	53494-70-5	mg/kg				0.0019	U	0.00166	U	0.00162	U	0.00155	U	0.00161	U
	Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	0.00119	U	0.00104	U	0.00102	U	0.000968	U	0.00101	U
	4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	0.00145	J	0.0012	J	0.00324		0.00155	U	0.00127	J
	4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	0.0019	U	0.000686	J	0.00158	J	0.00155	U	0.00124	J
	4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.00355	P	0.00503		0.00162	U	0.00155	U	0.00161	U
	Endosulfan I	959-98-8	mg/kg	102	24	2.4	0.0019	U	0.00166	U	0.00162	U	0.00155	U	0.00161	U
	Endosulfan II	33213-65-9	mg/kg	102	24	2.4	0.0019	U	0.00166	U	0.00162	U	0.00155	U	0.00161	U
	Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	0.000793	U	0.000693	U	0.000677	U	0.000645	U	0.000672	U
	Methoxychlor	72-43-5	mg/kg				0.00357	U	0.00312	U	0.00304	U	0.0029	U	0.00302	U
	Toxaphene	8001-35-2	mg/kg				0.0357	U	0.0312	U	0.0304	U	0.029	U	0.0302	U
	cis-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	0.00232	J	0.002	J	0.00203	U	0.00194	U	0.00168	J
	trans-Chlordane	5103-74-2	mg/kg				0.00246		0.00235		0.00203	U	0.00194	U	0.00224	IP
	Chlordane	57-74-9	mg/kg				0.0159	U	0.0139	U	0.0135	U	0.0129	U	0.0134	U
Perfluorinated Alkyl Acids by EPA 1633																
	Perfluorobutanoic Acid (PFBA)	375-22-4	ug/kg				0.787	U	0.796	U	0.795	U	0.782	U	0.788	U
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg				0.212	J	0.398	U	0.398	U	0.391	U	0.394	U
	Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/kg				0.165	J	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluoroheptanoic Acid (PFHpA)	375-85-9	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluorooctanoic Acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	ug/kg				0.787	U	0.796	U	0.795	U	0.782	U	0.788	U
	Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluorononanoic Acid (PFNA)	375-95-1	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	0.157	J	0.159	J	0.199	U	0.195	U	0.197	U
	Perfluorodecanoic Acid (PFDA)	335-76-2	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	ug/kg				0.787	U	0.796	U	0.795	U	0.782	U	0.788	U
	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeF	2355-31-9	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**SB31 (2-2.5)**		**SB31 (13-13.5)**		**SB34 (3-3.5)**		**SB34 (14-14.5)**		**SB39 (1-1.5)**	
	SAMPLING DATE						**1/25/2023**		**1/25/2023**		**1/25/2023**		**1/25/2023**		**1/26/2023**	
	LAB SAMPLE ID						**L2304445-01**		**L2304445-02**		**L2304445-07**		**L2304445-08**		**L2304630-07**	
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**	
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**
	Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOS	2991-50-6	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/kg				0.197	U	0.199	U	0.199	U	0.195	U	0.197	U
	PFOA/PFOS, Total	null	ug/kg				0.157	J	0.159	J	0.199	U	0.195	U	0.197	U
Polychlorinated Biphenyls by GC																
	Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	0.0395	U	0.0349	U	0.0348	U	0.0325	U	0.0341	U
	Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	0.0395	U	0.0349	U	0.0348	U	0.0325	U	0.0341	U
	Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	0.0395	U	0.0349	U	0.0348	U	0.0325	U	0.0341	U
	Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	0.0395	U	0.0349	U	0.0348	U	0.0325	U	0.0341	U
	Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	0.0395	U	0.0349	U	0.0348	U	0.0325	U	0.0341	U
	Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	0.0395	U	0.0349	U	0.0348	U	0.0325	U	0.0341	U
	Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	0.0395	U	0.0349	U	0.0165	J	0.0325	U	0.0341	U
	Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	0.0395	U	0.0349	U	0.0348	U	0.0325	U	0.0341	U
	Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	0.0395	U	0.0349	U	0.00863	J	0.0325	U	0.0341	U
	PCBs, Total	1336-36-3	mg/kg	3.2	1	0.1	0.0395	U	0.0349	U	0.0251	J	0.0325	U	0.0341	U
Semivolatile Organics by GC/MS																
	Acenaphthene	83-32-9	mg/kg	98	100	20	0.16	U	0.14	U	0.039	J	0.14	U	0.024	J
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Hexachlorobenzene	118-74-1	mg/kg	3.2	1.2	0.33	0.12	U	0.11	U	0.1	U	0.1	U	0.1	U
	Bis(2-chloroethyl)ether	111-44-4	mg/kg				0.18	U	0.16	U	0.16	U	0.15	U	0.16	U
	2-Chloronaphthalene	91-58-7	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	3,3'-Dichlorobenzidine	91-94-1	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	2,4-Dinitrotoluene	121-14-2	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	2,6-Dinitrotoluene	606-20-2	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Fluoranthene	206-44-0	mg/kg	1000	100	100	0.18		0.22		0.49		0.1	U	0.45	
	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	4-Bromophenyl phenyl ether	101-55-3	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Bis(2-chloroisopropyl)ether	108-60-1	mg/kg				0.25	U	0.21	U	0.21	U	0.2	U	0.21	U
	Bis(2-chloroethoxy)methane	111-91-1	mg/kg				0.22	U	0.19	U	0.19	U	0.18	U	0.19	U
	Hexachlorobutadiene	87-68-3	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Hexachlorocyclopentadiene	77-47-4	mg/kg				0.59	U	0.51	U	0.5	U	0.49	U	0.5	U
	Hexachloroethane	67-72-1	mg/kg				0.16	U	0.14	U	0.14	U	0.14	U	0.14	U
	Isophorone	78-59-1	mg/kg				0.18	U	0.16	U	0.16	U	0.15	U	0.16	U
	Naphthalene	91-20-3	mg/kg	12	100	12	0.028	J	0.046	J	0.021	J	0.17	U	0.18	U
	Nitrobenzene	98-95-3	mg/kg				0.18	U	0.16	U	0.16	U	0.15	U	0.16	U
	NDPA/DPA	86-30-6	mg/kg				0.16	U	0.14	U	0.14	U	0.14	U	0.14	U
	n-Nitrosodi-n-propylamine	621-64-7	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Butyl benzyl phthalate	85-68-7	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Di-n-butylphthalate	84-74-2	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Di-n-octylphthalate	117-84-0	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

				PGWSCOs	RRSCOs	USCOs	SB31 (2-2.5)		SB31 (13-13.5)		SB34 (3-3.5)		SB34 (14-14.5)		SB39 (1-1.5)	
	LOCATION															
	SAMPLING DATE						1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/26/2023	
	LAB SAMPLE ID						L2304445-01		L2304445-02		L2304445-07		L2304445-08		L2304630-07	
	SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Diethyl phthalate	84-66-2	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Dimethyl phthalate	131-11-3	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	0.12		0.13		0.26		0.1	U	0.22	
	Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	0.12	J	0.13	J	0.25		0.14	U	0.26	
	Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	0.16		0.16		0.31		0.1	U	0.28	
	Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	0.048	J	0.047	J	0.096	J	0.1	U	0.12	
	Chrysene	218-01-9	mg/kg	1	3.9	1	0.11	J	0.12		0.25		0.1	U	0.22	
	Acenaphthylene	208-96-8	mg/kg	107	100	100	0.16	U	0.14	U	0.14	U	0.14	U	0.049	J
	Anthracene	120-12-7	mg/kg	1000	100	100	0.12	U	0.11	U	0.085	J	0.1	U	0.072	J
	Benzo(ghi)perylene	191-24-2	mg/kg	1000	100	100	0.089	J	0.08	J	0.16		0.14	U	0.17	
	Fluorene	86-73-7	mg/kg	386	100	30	0.2	U	0.18	U	0.029	J	0.17	U	0.023	J
	Phenanthrene	85-01-8	mg/kg	1000	100	100	0.12		0.14		0.4		0.1	U	0.22	
	Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.12	U	0.11	U	0.035	J	0.1	U	0.048	J
	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.092	J	0.089	J	0.17		0.14	U	0.15	
	Pyrene	129-00-0	mg/kg	1000	100	100	0.16		0.19		0.46		0.1	U	0.41	
	Biphenyl	92-52-4	mg/kg				0.47	U	0.4	U	0.4	U	0.39	U	0.4	U
	4-Chloroaniline	106-47-8	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	2-Nitroaniline	88-74-4	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	3-Nitroaniline	99-09-2	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	4-Nitroaniline	100-01-6	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Dibenzofuran	132-64-9	mg/kg	210	59	7	0.2	U	0.18	U	0.019	J	0.17	U	0.018	J
	2-Methylnaphthalene	91-57-6	mg/kg				0.25	U	0.024	J	0.21	U	0.2	U	0.21	U
	1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Acetophenone	98-86-2	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	2,4,6-Trichlorophenol	88-06-2	mg/kg				0.12	U	0.11	U	0.1	U	0.1	U	0.1	U
	p-Chloro-m-cresol	59-50-7	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	2-Chlorophenol	95-57-8	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	2,4-Dichlorophenol	120-83-2	mg/kg				0.18	U	0.16	U	0.16	U	0.15	U	0.16	U
	2,4-Dimethylphenol	105-67-9	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	2-Nitrophenol	88-75-5	mg/kg				0.44	U	0.38	U	0.38	U	0.37	U	0.38	U
	4-Nitrophenol	100-02-7	mg/kg				0.29	U	0.25	U	0.24	U	0.24	U	0.24	U
	2,4-Dinitrophenol	51-28-5	mg/kg				0.99	U	0.85	U	0.84	U	0.82	U	0.84	U
	4,6-Dinitro-o-cresol	534-52-1	mg/kg				0.54	U	0.46	U	0.45	U	0.44	U	0.46	U
	Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	0.16	U	0.14	U	0.14	U	0.14	U	0.14	U
	Phenol	108-95-2	mg/kg	0.33	100	0.33	0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	0.33	100	0.33	0.3	U	0.26	U	0.25	U	0.24	U	0.25	U
	2,4,5-Trichlorophenol	95-95-4	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Benzoic Acid	65-85-0	mg/kg				0.67	U	0.58	U	0.56	U	0.55	U	0.57	U
	Benzyl Alcohol	100-51-6	mg/kg				0.2	U	0.18	U	0.17	U	0.17	U	0.18	U
	Carbazole	86-74-8	mg/kg				0.2	U	0.18	U	0.034	J	0.17	U	0.033	J
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.031	U	0.027	U	0.026	U	0.026	U	0.026	U
Total Metals																
	Aluminum, Total	7429-90-5	mg/kg				7520		6380		8800		2010		8020	
	Antimony, Total	7440-36-0	mg/kg				1.17	J	0.985	J	2.71	J	0.557	J	0.906	J
	Arsenic, Total	7440-38-2	mg/kg	16	16	13	1.1		1.39		6.65		0.668	J	2.65	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
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	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**SB31 (2-2.5)**		**SB31 (13-13.5)**		**SB34 (3-3.5)**		**SB34 (14-14.5)**		**SB39 (1-1.5)**	
	SAMPLING DATE						**1/25/2023**		**1/25/2023**		**1/25/2023**		**1/25/2023**		**1/26/2023**	
	LAB SAMPLE ID						**L2304445-01**		**L2304445-02**		**L2304445-07**		**L2304445-08**		**L2304630-07**	
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**	
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**
	Barium, Total	7440-39-3	mg/kg	820	400	350	76.7		62.3		224		28.1		75	
	Beryllium, Total	7440-41-7	mg/kg	47	72	7.2	1.79		1.53		2.31		0.637		0.029	J
	Cadmium, Total	7440-43-9	mg/kg	7.5	4.3	2.5	0.403	J	0.319	J	1.71		0.136	J	0.183	J
	Calcium, Total	7440-70-2	mg/kg				5560		5720		6620		9100		6540	
	Chromium, Total	7440-47-3	mg/kg		180	30	15.2		13.1		39.9		5.96		15.3	
	Cobalt, Total	7440-48-4	mg/kg				8.92		6.27		7.38		2.96		7.49	
	Copper, Total	7440-50-8	mg/kg	1720	270	50	37.4		24.8		64.9		6.74		70.8	
	Iron, Total	7439-89-6	mg/kg				15900		12600		28700		5600		16000	
	Lead, Total	7439-92-1	mg/kg	450	400	63	40.3		31.2		752		2.2	J	49.3	
	Magnesium, Total	7439-95-4	mg/kg				5370		5020		6470		4940		5170	
	Manganese, Total	7439-96-5	mg/kg	2000	2000	1600	192		163		314		84.7		222	
	Mercury, Total	7439-97-6	mg/kg	0.73	0.81	0.18	0.083		0.087		0.102		0.066	U	0.087	
	Nickel, Total	7440-02-0	mg/kg	130	310	30	12.6		9.62		25.7		4.36		13.2	
	Potassium, Total	7440-09-7	mg/kg				1940		1580		1860		701		1690	
	Selenium, Total	7782-49-2	mg/kg	4	180	3.9	1.94	U	1.66	U	1.62	U	1.56	U	0.714	J
	Silver, Total	7440-22-4	mg/kg	8.3	180	2	0.486	U	0.415	U	0.404	U	0.39	U	0.411	U
	Sodium, Total	7440-23-5	mg/kg				888		177		335		96.8	J	349	
	Thallium, Total	7440-28-0	mg/kg				0.395	J	1.66	U	0.533	J	1.56	U	1.64	U
	Vanadium, Total	7440-62-2	mg/kg				39.4		28.4		30.5		8.73		34.7	
	Zinc, Total	7440-66-6	mg/kg	2480	10000	109	59.1		47.4		352		10.8		78	
Volatile Organics by EPA 5035																
	Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	0.0058	U	0.0049	U	0.006	U	0.0053	U	0.0052	U
	1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
	Chloroform	67-66-3	mg/kg	0.37	49	0.37	0.0018	U	0.0015	U	0.0018	U	0.0016	U	0.0015	U
	Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
	1,2-Dichloropropane	78-87-5	mg/kg				0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
	Dibromochloromethane	124-48-1	mg/kg				0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
	1,1,2-Trichloroethane	79-00-5	mg/kg				0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
	Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
	Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
	Trichlorofluoromethane	75-69-4	mg/kg				0.0047	U	0.0039	U	0.0048	U	0.0043	U	0.0041	U
	1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
	1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
	Bromodichloromethane	75-27-4	mg/kg				0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
	trans-1,3-Dichloropropene	10061-02-6	mg/kg				0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
	cis-1,3-Dichloropropene	10061-01-5	mg/kg				0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
	1,3-Dichloropropene, Total	542-75-6	mg/kg				0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
	1,1-Dichloropropene	563-58-6	mg/kg				0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
	Bromoform	75-25-2	mg/kg				0.0047	U	0.0039	U	0.0048	U	0.0043	U	0.0041	U
	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
	Benzene	71-43-2	mg/kg	0.06	4.8	0.06	0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
	Toluene	108-88-3	mg/kg	0.7	100	0.7	0.0013		0.00098		0.0012	U	0.0013		0.00087	J
	Ethylbenzene	100-41-4	mg/kg	1	41	1	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
	Chloromethane	74-87-3	mg/kg				0.0047	U	0.0039	U	0.0048	U	0.0043	U	0.0041	U
	Bromomethane	74-83-9	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
	Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB31 (2-2.5)		SB31 (13-13.5)		SB34 (3-3.5)		SB34 (14-14.5)		SB39 (1-1.5)	
SAMPLING DATE						1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/26/2023	
LAB SAMPLE ID						L2304445-01		L2304445-02		L2304445-07		L2304445-08		L2304630-07	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chloroethane	75-00-3	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	0.0018	U	0.0015	U	0.0018	U	0.0016	U	0.0015	U
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
Methyl tert butyl ether	1634-04-4	mg/kg	0.93	100	0.93	0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
p/m-Xylene	179601-23-1	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
o-Xylene	95-47-6	mg/kg				0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
Xylenes, Total	1330-20-7	mg/kg	1.6	100	0.26	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
1,2-Dichloroethene, Total	540-59-0	mg/kg				0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
Dibromomethane	74-95-3	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
Styrene	100-42-5	mg/kg				0.00025	J	0.00098	U	0.0012	U	0.00027	J	0.001	U
Dichlorodifluoromethane	75-71-8	mg/kg				0.012	U	0.0098	U	0.012	U	0.011	U	0.01	U
Acetone	67-64-1	mg/kg	0.05	100	0.05	0.0085	J	0.0098	U	0.008	J	0.0065	J	0.0074	J
Carbon disulfide	75-15-0	mg/kg				0.012	U	0.0098	U	0.012	U	0.011	U	0.01	U
2-Butanone	78-93-3	mg/kg	0.12	100	0.12	0.012	U	0.0098	U	0.0029	J	0.011	U	0.01	U
Vinyl acetate	108-05-4	mg/kg				0.012	U	0.0098	U	0.012	U	0.011	U	0.01	U
4-Methyl-2-pentanone	108-10-1	mg/kg				0.012	U	0.0098	U	0.012	U	0.011	U	0.01	U
1,2,3-Trichloropropane	96-18-4	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
2-Hexanone	591-78-6	mg/kg				0.012	U	0.0098	U	0.012	U	0.011	U	0.01	U
Bromochloromethane	74-97-5	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
2,2-Dichloropropane	594-20-7	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
1,2-Dibromoethane	106-93-4	mg/kg				0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
1,3-Dichloropropane	142-28-9	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg				0.00058	U	0.00049	U	0.0006	U	0.00053	U	0.00052	U
Bromobenzene	108-86-1	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
n-Butylbenzene	104-51-8	mg/kg	12	100	12	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
sec-Butylbenzene	135-98-8	mg/kg	11	100	11	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
tert-Butylbenzene	98-06-6	mg/kg	5.9	100	5.9	0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
o-Chlorotoluene	95-49-8	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
p-Chlorotoluene	106-43-4	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				0.0035	U	0.0029	U	0.0036	U	0.0032	U	0.0031	U
Hexachlorobutadiene	87-68-3	mg/kg				0.0047	U	0.0039	U	0.0048	U	0.0043	U	0.0041	U
Isopropylbenzene	98-82-8	mg/kg				0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
p-Isopropyltoluene	99-87-6	mg/kg				0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
Naphthalene	91-20-3	mg/kg	12	100	12	0.0047	U	0.0039	U	0.0048	U	0.0043	U	0.0041	U
Acrylonitrile	107-13-1	mg/kg				0.0047	U	0.0039	U	0.0048	U	0.0043	U	0.0041	U
n-Propylbenzene	103-65-1	mg/kg	3.9	100	3.9	0.0012	U	0.00098	U	0.0012	U	0.0011	U	0.001	U
1,2,3-Trichlorobenzene	87-61-6	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
1,3,5-Trimethylbenzene	108-67-8	mg/kg	8.4	52	8.4	0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
1,2,4-Trimethylbenzene	95-63-6	mg/kg	3.6	52	3.6	0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.093	U	0.078	U	0.097	U	0.085	U	0.082	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				PGWSCOs	RRSCOs	USCOs	SB31 (2-2.5)		SB31 (13-13.5)		SB34 (3-3.5)		SB34 (14-14.5)		SB39 (1-1.5)	
SAMPLING DATE							1/25/2023		1/25/2023		1/25/2023		1/25/2023		1/26/2023	
LAB SAMPLE ID							L2304445-01		L2304445-02		L2304445-07		L2304445-08		L2304630-07	
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL		SOIL	
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	p-Diethylbenzene	105-05-5	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
	p-Ethyltoluene	622-96-8	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
	1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
	Ethyl ether	60-29-7	mg/kg				0.0023	U	0.002	U	0.0024	U	0.0021	U	0.0021	U
	trans-1,4-Dichloro-2-butene	110-57-6	mg/kg				0.0058	U	0.0049	U	0.006	U	0.0053	U	0.0052	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB39 (11-11.5)		SB-1A (0.5-1)		SB-1A (2.5-3)		SB-4A (6-6.5)		SB-4A (9.5-10)	
SAMPLING DATE						1/26/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023	
LAB SAMPLE ID						L2304630-08		L2315492-01		L2315492-02		L2315492-07		L2315492-08	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry															
Solids, Total	NONE	%				93.2		98.4		94		89.5		97	
Cyanide, Total	57-12-5	mg/kg	40	27	27	1	U	0.94	U	1	U	1.1	U	1	U
Organochlorine Pesticides by GC															
Delta-BHC	319-86-8	mg/kg	0.25	100	0.04	0.00171	U	0.00157	U	0.00169	U	0.00172	U	0.0016	U
Lindane	58-89-9	mg/kg	0.1	1.3	0.1	0.000714	U	0.000655	U	0.000705	U	0.000718	U	0.000665	U
Alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	0.000714	U	0.000655	U	0.000705	U	0.000718	U	0.000665	U
Beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	0.00171	U	0.00157	U	0.00169	U	0.00172	U	0.0016	U
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	0.000857	U	0.000786	U	0.000846	U	0.000862	U	0.000798	U
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	0.00171	U	0.00157	U	0.00169	U	0.00172	U	0.0016	U
Heptachlor epoxide	1024-57-3	mg/kg				0.00321	U	0.00295	U	0.00317	U	0.00323	U	0.00299	U
Endrin	72-20-8	mg/kg	0.06	11	0.014	0.000714	U	0.000655	U	0.000705	U	0.000718	U	0.000665	U
Endrin aldehyde	7421-93-4	mg/kg				0.00214	U	0.00196	U	0.00212	U	0.00215	U	0.002	U
Endrin ketone	53494-70-5	mg/kg				0.00171	U	0.00157	U	0.00169	U	0.00172	U	0.0016	U
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	0.00107	U	0.000982	U	0.00106	U	0.00108	U	0.000998	U
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	0.00171	U	0.00157	U	0.00169	U	0.00172	U	0.0016	U
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	0.00171	U	0.00157	U	0.00169	U	0.00172	U	0.0016	U
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.00171	U	0.00157	U	0.00169	U	0.00172	U	0.0016	U
Endosulfan I	959-98-8	mg/kg	102	24	2.4	0.00171	U	0.00157	U	0.00169	U	0.00172	U	0.0016	U
Endosulfan II	33213-65-9	mg/kg	102	24	2.4	0.00171	U	0.00157	U	0.00169	U	0.00172	U	0.0016	U
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	0.000714	U	0.000655	U	0.000705	U	0.000718	U	0.000665	U
Methoxychlor	72-43-5	mg/kg				0.00321	U	0.00295	U	0.00317	U	0.00323	U	0.00299	U
Toxaphene	8001-35-2	mg/kg				0.0321	U	0.0295	U	0.0317	U	0.0323	U	0.0299	U
cis-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	0.00214	U	0.00196	U	0.00212	U	0.00215	U	0.002	U
trans-Chlordane	5103-74-2	mg/kg				0.00214	U	0.00196	U	0.00212	U	0.00215	U	0.002	U
Chlordane	57-74-9	mg/kg				0.0143	U	0.0131	U	0.0141	U	0.0144	U	0.0133	U
Perfluorinated Alkyl Acids by EPA 1633															
Perfluorobutanoic Acid (PFBA)	375-22-4	ug/kg				0.792	U	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg				0.396	U	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/kg				0.198	U	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/kg				0.198	U	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	ug/kg				0.198	U	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/kg				0.198	U	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	0.198	U	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	ug/kg				0.792	U	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/kg				0.198	U	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	ug/kg				0.198	U	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	0.198	U	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	ug/kg				0.198	U	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	ug/kg				0.792	U	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeF	2355-31-9	ug/kg				0.198	U	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg				0.198	U	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/kg				0.198	U	-	-	-	-	-	-	-	-

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Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**SB39 (11-11.5)**		**SB-1A (0.5-1)**		**SB-1A (2.5-3)**		**SB-4A (6-6.5)**		**SB-4A (9.5-10)**	
	SAMPLING DATE						**1/26/2023**		**3/23/2023**		**3/23/2023**		**3/23/2023**		**3/23/2023**	
	LAB SAMPLE ID						**L2304630-08**		**L2315492-01**		**L2315492-02**		**L2315492-07**		**L2315492-08**	
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**	
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**
	Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/kg				0.198	U	-	-	-	-	-	-	-	-
	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOS	2991-50-6	ug/kg				0.198	U	-	-	-	-	-	-	-	-
	Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/kg				0.198	U	-	-	-	-	-	-	-	-
	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/kg				0.198	U	-	-	-	-	-	-	-	-
	Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/kg				0.198	U	-	-	-	-	-	-	-	-
	PFOA/PFOS, Total	null	ug/kg				0.198	U	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																
	Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	0.0351	U	0.0332	U	0.0347	U	0.0368	U	0.0334	U
	Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	0.0351	U	0.0332	U	0.0347	U	0.0368	U	0.0334	U
	Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	0.0351	U	0.0332	U	0.0347	U	0.0368	U	0.0334	U
	Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	0.0351	U	0.0332	U	0.0347	U	0.0368	U	0.0334	U
	Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	0.0351	U	0.0332	U	0.0347	U	0.0368	U	0.0334	U
	Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	0.0351	U	0.0332	U	0.0347	U	0.0368	U	0.0334	U
	Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	0.0351	U	0.0332	U	0.0347	U	0.0368	U	0.0334	U
	Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	0.0351	U	0.0332	U	0.0347	U	0.0368	U	0.0334	U
	Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	0.0351	U	0.0332	U	0.0347	U	0.0368	U	0.0334	U
	PCBs, Total	1336-36-3	mg/kg	3.2	1	0.1	0.0351	U	0.0332	U	0.0347	U	0.0368	U	0.0334	U
Semivolatile Organics by GC/MS																
	Acenaphthene	83-32-9	mg/kg	98	100	20	0.14	U	0.13	U	0.14	U	0.15	U	0.14	U
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Hexachlorobenzene	118-74-1	mg/kg	3.2	1.2	0.33	0.11	U	0.1	U	0.1	U	0.11	U	0.1	U
	Bis(2-chloroethyl)ether	111-44-4	mg/kg				0.16	U	0.15	U	0.16	U	0.17	U	0.15	U
	2-Chloronaphthalene	91-58-7	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	3,3'-Dichlorobenzidine	91-94-1	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	2,4-Dinitrotoluene	121-14-2	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	2,6-Dinitrotoluene	606-20-2	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Fluoranthene	206-44-0	mg/kg	1000	100	100	0.11	U	0.21		0.1	U	0.11	U	0.1	U
	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	4-Bromophenyl phenyl ether	101-55-3	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Bis(2-chloroisopropyl)ether	108-60-1	mg/kg				0.21	U	0.2	U	0.21	U	0.22	U	0.2	U
	Bis(2-chloroethoxy)methane	111-91-1	mg/kg				0.19	U	0.18	U	0.19	U	0.2	U	0.18	U
	Hexachlorobutadiene	87-68-3	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Hexachlorocyclopentadiene	77-47-4	mg/kg				0.51	U	0.48	U	0.5	U	0.53	U	0.49	U
	Hexachloroethane	67-72-1	mg/kg				0.14	U	0.13	U	0.14	U	0.15	U	0.14	U
	Isophorone	78-59-1	mg/kg				0.16	U	0.15	U	0.16	U	0.17	U	0.15	U
	Naphthalene	91-20-3	mg/kg	12	100	12	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Nitrobenzene	98-95-3	mg/kg				0.16	U	0.15	U	0.16	U	0.17	U	0.15	U
	NDPA/DPA	86-30-6	mg/kg				0.14	U	0.13	U	0.14	U	0.15	U	0.14	U
	n-Nitrosodi-n-propylamine	621-64-7	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Butyl benzyl phthalate	85-68-7	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Di-n-butylphthalate	84-74-2	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Di-n-octylphthalate	117-84-0	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				PGWSCOs	RRSCOs	USCOs	SB39 (11-11.5)		SB-1A (0.5-1)		SB-1A (2.5-3)		SB-4A (6-6.5)		SB-4A (9.5-10)	
SAMPLING DATE							1/26/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023	
LAB SAMPLE ID							L2304630-08		L2315492-01		L2315492-02		L2315492-07		L2315492-08	
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL		SOIL	
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Diethyl phthalate	84-66-2	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Dimethyl phthalate	131-11-3	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	0.11	U	0.1		0.1	U	0.11	U	0.1	U
	Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	0.14	U	0.13		0.14	U	0.15	U	0.14	U
	Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	0.11	U	0.14		0.1	U	0.11	U	0.1	U
	Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	0.11	U	0.054	J	0.1	U	0.11	U	0.1	U
	Chrysene	218-01-9	mg/kg	1	3.9	1	0.11	U	0.1		0.1	U	0.11	U	0.1	U
	Acenaphthylene	208-96-8	mg/kg	107	100	100	0.14	U	0.13	U	0.14	U	0.15	U	0.14	U
	Anthracene	120-12-7	mg/kg	1000	100	100	0.11	U	0.1	U	0.1	U	0.11	U	0.1	U
	Benzo(ghi)perylene	191-24-2	mg/kg	1000	100	100	0.14	U	0.082	J	0.14	U	0.15	U	0.14	U
	Fluorene	86-73-7	mg/kg	386	100	30	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Phenanthrene	85-01-8	mg/kg	1000	100	100	0.11	U	0.11		0.1	U	0.11	U	0.1	U
	Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.11	U	0.1	U	0.1	U	0.11	U	0.1	U
	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.14	U	0.086	J	0.14	U	0.15	U	0.14	U
	Pyrene	129-00-0	mg/kg	1000	100	100	0.11	U	0.2		0.1	U	0.11	U	0.1	U
	Biphenyl	92-52-4	mg/kg				0.41	U	0.38	U	0.39	U	0.42	U	0.39	U
	4-Chloroaniline	106-47-8	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	2-Nitroaniline	88-74-4	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	3-Nitroaniline	99-09-2	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	4-Nitroaniline	100-01-6	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Dibenzofuran	132-64-9	mg/kg	210	59	7	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	2-Methylnaphthalene	91-57-6	mg/kg				0.21	U	0.2	U	0.21	U	0.22	U	0.2	U
	1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Acetophenone	98-86-2	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	2,4,6-Trichlorophenol	88-06-2	mg/kg				0.11	U	0.1	U	0.1	U	0.11	U	0.1	U
	p-Chloro-m-cresol	59-50-7	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	2-Chlorophenol	95-57-8	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	2,4-Dichlorophenol	120-83-2	mg/kg				0.16	U	0.15	U	0.16	U	0.17	U	0.15	U
	2,4-Dimethylphenol	105-67-9	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	2-Nitrophenol	88-75-5	mg/kg				0.38	U	0.36	U	0.37	U	0.4	U	0.37	U
	4-Nitrophenol	100-02-7	mg/kg				0.25	U	0.24	U	0.24	U	0.26	U	0.24	U
	2,4-Dinitrophenol	51-28-5	mg/kg				0.85	U	0.81	U	0.83	U	0.89	U	0.82	U
	4,6-Dinitro-o-cresol	534-52-1	mg/kg				0.46	U	0.44	U	0.45	U	0.48	U	0.44	U
	Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	0.14	U	0.13	U	0.14	U	0.15	U	0.14	U
	Phenol	108-95-2	mg/kg	0.33	100	0.33	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	0.33	100	0.33	0.26	U	0.24	U	0.25	U	0.27	U	0.25	U
	2,4,5-Trichlorophenol	95-95-4	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Benzoic Acid	65-85-0	mg/kg				0.58	U	0.55	U	0.56	U	0.6	U	0.55	U
	Benzyl Alcohol	100-51-6	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	Carbazole	86-74-8	mg/kg				0.18	U	0.17	U	0.17	U	0.18	U	0.17	U
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.027	U	0.025	U	0.026	U	0.028	U	0.026	U
Total Metals																
	Aluminum, Total	7429-90-5	mg/kg				5080		2300		4810		27400		2060	
	Antimony, Total	7440-36-0	mg/kg				0.506	J	3.97	U	0.668	J	1.96	J	3.93	U
	Arsenic, Total	7440-38-2	mg/kg	16	16	13	1.72		0.727	J	1.14		3.36		1.37	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**SB39 (11-11.5)**		**SB-1A (0.5-1)**		**SB-1A (2.5-3)**		**SB-4A (6-6.5)**		**SB-4A (9.5-10)**	
	SAMPLING DATE						**1/26/2023**		**3/23/2023**		**3/23/2023**		**3/23/2023**		**3/23/2023**	
	LAB SAMPLE ID						**L2304630-08**		**L2315492-01**		**L2315492-02**		**L2315492-07**		**L2315492-08**	
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**	
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**
	Barium, Total	7440-39-3	mg/kg	820	400	350	48.1		19.9		51		299		14.8	
	Beryllium, Total	7440-41-7	mg/kg	47	72	7.2	0.087	J	0.123	J	0.236	J	0.739		0.107	J
	Cadmium, Total	7440-43-9	mg/kg	7.5	4.3	2.5	0.838	U	0.794	U	0.82	U	0.866	U	0.786	U
	Calcium, Total	7440-70-2	mg/kg				1460		2010		11400		9790		8760	
	Chromium, Total	7440-47-3	mg/kg		180	30	13.2		5.67		26.7		25.4		13.9	
	Cobalt, Total	7440-48-4	mg/kg				7.25		2.12		4.06		13.6		1.78	
	Copper, Total	7440-50-8	mg/kg	1720	270	50	14.9		7.58		13.9		8.78		5.91	
	Iron, Total	7439-89-6	mg/kg				12300		4900		11200		16600		5130	
	Lead, Total	7439-92-1	mg/kg	450	400	63	1.92	J	167		2.42	J	4.62		3.28	J
	Magnesium, Total	7439-95-4	mg/kg				2210		1400		6170		5720		1300	
	Manganese, Total	7439-96-5	mg/kg	2000	2000	1600	204		86.2		162		261		71.5	
	Mercury, Total	7439-97-6	mg/kg	0.73	0.81	0.18	0.069	U	0.064	U	0.067	U	0.07	U	0.065	U
	Nickel, Total	7440-02-0	mg/kg	130	310	30	8.73		3.73		8.2		33.9		3.64	
	Potassium, Total	7440-09-7	mg/kg				1060		445		1680		884		530	
	Selenium, Total	7782-49-2	mg/kg	4	180	3.9	0.447	J	1.59	U	1.64	U	1.73	U	1.57	U
	Silver, Total	7440-22-4	mg/kg	8.3	180	2	0.419	U	0.397	U	0.41	U	0.433	U	0.393	U
	Sodium, Total	7440-23-5	mg/kg				150	J	80.2	J	359		1520		541	
	Thallium, Total	7440-28-0	mg/kg				1.68	U	1.59	U	0.38	J	0.432	J	1.57	U
	Vanadium, Total	7440-62-2	mg/kg				18.5		6.7		16.9		39.3		6.02	
	Zinc, Total	7440-66-6	mg/kg	2480	10000	109	19.2		13.3		20.2		40.8		11.8	
Volatile Organics by EPA 5035																
	Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	0.0059	U	0.0046	U	0.0047	U	0.0049	U	0.0045	U
	1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
	Chloroform	67-66-3	mg/kg	0.37	49	0.37	0.0018	U	0.0014	U	0.0014	U	0.0015	U	0.0014	U
	Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
	1,2-Dichloropropane	78-87-5	mg/kg				0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
	Dibromochloromethane	124-48-1	mg/kg				0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
	1,1,2-Trichloroethane	79-00-5	mg/kg				0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
	Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
	Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
	Trichlorofluoromethane	75-69-4	mg/kg				0.0047	U	0.0036	U	0.0037	U	0.0039	U	0.0036	U
	1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
	1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
	Bromodichloromethane	75-27-4	mg/kg				0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
	trans-1,3-Dichloropropene	10061-02-6	mg/kg				0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
	cis-1,3-Dichloropropene	10061-01-5	mg/kg				0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
	1,3-Dichloropropene, Total	542-75-6	mg/kg				0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
	1,1-Dichloropropene	563-58-6	mg/kg				0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
	Bromoform	75-25-2	mg/kg				0.0047	U	0.0036	U	0.0037	U	0.0039	U	0.0036	U
	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
	Benzene	71-43-2	mg/kg	0.06	4.8	0.06	0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
	Toluene	108-88-3	mg/kg	0.7	100	0.7	0.0013		0.00091	U	0.00093	U	0.00098	U	0.0009	U
	Ethylbenzene	100-41-4	mg/kg	1	41	1	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
	Chloromethane	74-87-3	mg/kg				0.0047	U	0.0036	U	0.0037	U	0.0039	U	0.0036	U
	Bromomethane	74-83-9	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
	Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						SB39 (11-11.5)		SB-1A (0.5-1)		SB-1A (2.5-3)		SB-4A (6-6.5)		SB-4A (9.5-10)	
SAMPLING DATE						1/26/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023	
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2304630-08		L2315492-01		L2315492-02		L2315492-07		L2315492-08	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chloroethane	75-00-3	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	0.0018	U	0.0014	U	0.0014	U	0.0015	U	0.0014	U
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
Methyl tert butyl ether	1634-04-4	mg/kg	0.93	100	0.93	0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
p/m-Xylene	179601-23-1	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
o-Xylene	95-47-6	mg/kg				0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
Xylenes, Total	1330-20-7	mg/kg	1.6	100	0.26	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
1,2-Dichloroethene, Total	540-59-0	mg/kg				0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
Dibromomethane	74-95-3	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
Styrene	100-42-5	mg/kg				0.00029	J	0.00091	U	0.00093	U	0.00098	U	0.0009	U
Dichlorodifluoromethane	75-71-8	mg/kg				0.012	U	0.0091	U	0.0093	U	0.0098	U	0.009	U
Acetone	67-64-1	mg/kg	0.05	100	0.05	0.012	U	0.0091	U	0.0093	U	0.012		0.009	U
Carbon disulfide	75-15-0	mg/kg				0.012	U	0.0091	U	0.0093	U	0.0098	U	0.009	U
2-Butanone	78-93-3	mg/kg	0.12	100	0.12	0.0034	J	0.0091	U	0.0093	U	0.0098	U	0.009	U
Vinyl acetate	108-05-4	mg/kg				0.012	U	0.0091	U	0.0093	U	0.0098	U	0.009	U
4-Methyl-2-pentanone	108-10-1	mg/kg				0.012	U	0.0091	U	0.0093	U	0.0098	U	0.009	U
1,2,3-Trichloropropane	96-18-4	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
2-Hexanone	591-78-6	mg/kg				0.012	U	0.0091	U	0.0093	U	0.0098	U	0.009	U
Bromochloromethane	74-97-5	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
2,2-Dichloropropane	594-20-7	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,2-Dibromoethane	106-93-4	mg/kg				0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
1,3-Dichloropropane	142-28-9	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg				0.00059	U	0.00046	U	0.00047	U	0.00049	U	0.00045	U
Bromobenzene	108-86-1	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
n-Butylbenzene	104-51-8	mg/kg	12	100	12	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
sec-Butylbenzene	135-98-8	mg/kg	11	100	11	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
tert-Butylbenzene	98-06-6	mg/kg	5.9	100	5.9	0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
o-Chlorotoluene	95-49-8	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
p-Chlorotoluene	106-43-4	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				0.0036	U	0.0027	U	0.0028	U	0.003	U	0.0027	U
Hexachlorobutadiene	87-68-3	mg/kg				0.0047	U	0.0036	U	0.0037	U	0.0039	U	0.0036	U
Isopropylbenzene	98-82-8	mg/kg				0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
p-Isopropyltoluene	99-87-6	mg/kg				0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
Naphthalene	91-20-3	mg/kg	12	100	12	0.0047	U	0.0036	U	0.0037	U	0.0039	U	0.0036	U
Acrylonitrile	107-13-1	mg/kg				0.0047	U	0.0036	U	0.0037	U	0.0039	U	0.0036	U
n-Propylbenzene	103-65-1	mg/kg	3.9	100	3.9	0.0012	U	0.00091	U	0.00093	U	0.00098	U	0.0009	U
1,2,3-Trichlorobenzene	87-61-6	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,3,5-Trimethylbenzene	108-67-8	mg/kg	8.4	52	8.4	0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,2,4-Trimethylbenzene	95-63-6	mg/kg	3.6	52	3.6	0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.095	U	0.073	U	0.075	U	0.079	U	0.072	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB39 (11-11.5)		SB-1A (0.5-1)		SB-1A (2.5-3)		SB-4A (6-6.5)		SB-4A (9.5-10)	
SAMPLING DATE						1/26/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023	
LAB SAMPLE ID						L2304630-08		L2315492-01		L2315492-02		L2315492-07		L2315492-08	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Diethylbenzene	105-05-5	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
p-Ethyltoluene	622-96-8	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
Ethyl ether	60-29-7	mg/kg				0.0024	U	0.0018	U	0.0019	U	0.002	U	0.0018	U
trans-1,4-Dichloro-2-butene	110-57-6	mg/kg				0.0059	U	0.0046	U	0.0047	U	0.0049	U	0.0045	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**SB-5A (4.5-5)**		**SB-5A (7-7.5)**		**SB-6A (0.5-1)**		**SB-6A (0.5-1)**		**SB-6A (5-5.5)**	
	SAMPLING DATE						**3/23/2023**		**3/23/2023**		**3/23/2023**		**3/23/2023**		**3/23/2023**	
	LAB SAMPLE ID						**L2315492-09**		**L2315492-10**		**L2315492-11**		**L2315492-11 R1**		**L2315492-12**	
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**	
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**
General Chemistry																
	Solids, Total	NONE	%				85.4		90.9		90.2		-	-	74.1	
	Cyanide, Total	57-12-5	mg/kg	40	27	27	1.1	U	1	U	1	U	-	-	1.3	U
Organochlorine Pesticides by GC																
	Delta-BHC	319-86-8	mg/kg	0.25	100	0.04	0.00181	U	0.0171	U	0.00174	U	-	-	0.00208	U
	Lindane	58-89-9	mg/kg	0.1	1.3	0.1	0.000752	U	0.00712	U	0.000727	U	-	-	0.000867	U
	Alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	0.000752	U	0.00712	U	0.000727	U	-	-	0.000867	U
	Beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	0.00181	U	0.0171	U	0.00174	U	-	-	0.00208	U
	Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	0.000903	U	0.00855	U	0.000873	U	-	-	0.00104	U
	Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	0.00207		0.0171	U	0.00174	U	-	-	0.00208	U
	Heptachlor epoxide	1024-57-3	mg/kg				0.00339	U	0.0321	U	0.00327	U	-	-	0.0039	U
	Endrin	72-20-8	mg/kg	0.06	11	0.014	0.000752	U	0.00712	U	0.000727	U	-	-	0.000867	U
	Endrin aldehyde	7421-93-4	mg/kg				0.00226	U	0.0214	U	0.00218	U	-	-	0.0026	U
	Endrin ketone	53494-70-5	mg/kg				0.00181	U	0.0171	U	0.00174	U	-	-	0.00208	U
	Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	0.0242		0.0107	U	0.00109	U	-	-	0.0013	U
	4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	0.000774	JIP	0.00514	J	0.00174	U	-	-	0.00208	U
	4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	0.00581		0.0171	U	0.00174	U	-	-	0.00208	U
	4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.00204		0.0171	U	0.00174	U	-	-	0.00208	U
	Endosulfan I	959-98-8	mg/kg	102	24	2.4	0.00181	U	0.0171	U	0.00174	U	-	-	0.00208	U
	Endosulfan II	33213-65-9	mg/kg	102	24	2.4	0.00181	U	0.0171	U	0.00174	U	-	-	0.00208	U
	Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	0.000752	U	0.00712	U	0.000727	U	-	-	0.000867	U
	Methoxychlor	72-43-5	mg/kg				0.00339	U	0.0321	U	0.00327	U	-	-	0.0039	U
	Toxaphene	8001-35-2	mg/kg				0.0339	U	0.321	U	0.0327	U	-	-	0.039	U
	cis-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	0.00984		0.0214	U	0.00218	U	-	-	0.0026	U
	trans-Chlordane	5103-74-2	mg/kg				0.00827		0.0214	U	0.00218	U	-	-	0.0026	U
	Chlordane	57-74-9	mg/kg				0.052		0.142	U	0.0145	U	-	-	0.0173	U
Perfluorinated Alkyl Acids by EPA 1633																
	Perfluorobutanoic Acid (PFBA)	375-22-4	ug/kg				0.784	U	-	-	-	-	-	-	-	-
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg				0.392	U	-	-	-	-	-	-	-	-
	Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluoroheptanoic Acid (PFHpA)	375-85-9	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluorooctanoic Acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	0.196	U	-	-	-	-	-	-	-	-
	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	ug/kg				0.784	U	-	-	-	-	-	-	-	-
	Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluorononanoic Acid (PFNA)	375-95-1	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	0.078	J	-	-	-	-	-	-	-	-
	Perfluorodecanoic Acid (PFDA)	335-76-2	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	ug/kg				0.784	U	-	-	-	-	-	-	-	-
	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeF	2355-31-9	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/kg				0.196	U	-	-	-	-	-	-	-	-

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**SB-5A (4.5-5)**		**SB-5A (7-7.5)**		**SB-6A (0.5-1)**		**SB-6A (0.5-1)**		**SB-6A (5-5.5)**	
	SAMPLING DATE						**3/23/2023**		**3/23/2023**		**3/23/2023**		**3/23/2023**		**3/23/2023**	
	LAB SAMPLE ID						**L2315492-09**		**L2315492-10**		**L2315492-11**		**L2315492-11 R1**		**L2315492-12**	
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**	
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**
	Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOS	2991-50-6	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/kg				0.196	U	-	-	-	-	-	-	-	-
	PFOA/PFOS, Total	null	ug/kg				0.078	J	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																
	Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	0.0379	U	0.0349	U	0.0352	U	-	-	0.0428	U
	Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	0.0379	U	0.0349	U	0.0352	U	-	-	0.0428	U
	Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	0.0379	U	0.0349	U	0.0352	U	-	-	0.0428	U
	Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	0.0379	U	0.0349	U	0.0352	U	-	-	0.0428	U
	Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	0.0379	U	0.0349	U	0.0352	U	-	-	0.0428	U
	Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	0.0379	U	0.0139	J	0.0352	U	-	-	0.0428	U
	Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	0.0379	U	0.00665	J	0.0352	U	-	-	0.0428	U
	Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	0.0379	U	0.0349	U	0.0352	U	-	-	0.0428	U
	Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	0.0379	U	0.00442	J	0.0352	U	-	-	0.0428	U
	PCBs, Total	1336-36-3	mg/kg	3.2	1	0.1	0.0379	U	0.025	J	0.0352	U	-	-	0.0428	U
Semivolatile Organics by GC/MS																
	Acenaphthene	83-32-9	mg/kg	98	100	20	0.16	U	0.14	U	0.15	U	0.15	U	0.18	U
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Hexachlorobenzene	118-74-1	mg/kg	3.2	1.2	0.33	0.12	U	0.11	U	0.11	U	0.11	U	0.13	U
	Bis(2-chloroethyl)ether	111-44-4	mg/kg				0.17	U	0.16	U	0.16	U	0.16	U	0.2	U
	2-Chloronaphthalene	91-58-7	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	3,3'-Dichlorobenzidine	91-94-1	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	2,4-Dinitrotoluene	121-14-2	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	2,6-Dinitrotoluene	606-20-2	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Fluoranthene	206-44-0	mg/kg	1000	100	100	0.34		0.11		0.11		0.14		0.13	U
	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	4-Bromophenyl phenyl ether	101-55-3	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Bis(2-chloroisopropyl)ether	108-60-1	mg/kg				0.23	U	0.22	U	0.22	U	0.22	U	0.27	U
	Bis(2-chloroethoxy)methane	111-91-1	mg/kg				0.21	U	0.2	U	0.2	U	0.2	U	0.24	U
	Hexachlorobutadiene	87-68-3	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Hexachlorocyclopentadiene	77-47-4	mg/kg				0.56	U	0.52	U	0.52	U	0.52	U	0.64	U
	Hexachloroethane	67-72-1	mg/kg				0.16	U	0.14	U	0.15	U	0.15	U	0.18	U
	Isophorone	78-59-1	mg/kg				0.17	U	0.16	U	0.16	U	0.16	U	0.2	U
	Naphthalene	91-20-3	mg/kg	12	100	12	0.19	U	0.26		0.18	U	0.18	U	0.22	U
	Nitrobenzene	98-95-3	mg/kg				0.17	U	0.16	U	0.16	U	0.16	U	0.2	U
	NDPA/DPA	86-30-6	mg/kg				0.16	U	0.14	U	0.15	U	0.15	U	0.18	U
	n-Nitrosodi-n-propylamine	621-64-7	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Butyl benzyl phthalate	85-68-7	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Di-n-butylphthalate	84-74-2	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Di-n-octylphthalate	117-84-0	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

				PGWSCOs	RRSCOs	USCOs	SB-5A (4.5-5)		SB-5A (7-7.5)		SB-6A (0.5-1)		SB-6A (0.5-1)		SB-6A (5-5.5)	
	LOCATION															
	SAMPLING DATE						3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023	
	LAB SAMPLE ID						L2315492-09		L2315492-10		L2315492-11		L2315492-11 R1		L2315492-12	
	SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Diethyl phthalate	84-66-2	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Dimethyl phthalate	131-11-3	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	0.17		0.048	J	0.058	J	0.1	J	0.13	U
	Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	0.25		0.066	J	0.07	J	0.1	J	0.18	U
	Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	0.29		0.082	J	0.074	J	0.11		0.13	U
	Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	0.097	J	0.029	J	0.03	J	0.039	J	0.13	U
	Chrysene	218-01-9	mg/kg	1	3.9	1	0.2		0.067	J	0.057	J	0.097	J	0.13	U
	Acenaphthylene	208-96-8	mg/kg	107	100	100	0.092	J	0.044	J	0.15	U	0.048	J	0.18	U
	Anthracene	120-12-7	mg/kg	1000	100	100	0.054	J	0.11	U	0.11	U	0.11	U	0.13	U
	Benzo(ghi)perylene	191-24-2	mg/kg	1000	100	100	0.14	J	0.051	J	0.044	J	0.064	J	0.18	U
	Fluorene	86-73-7	mg/kg	386	100	30	0.19	U	0.032	J	0.18	U	0.18	U	0.22	U
	Phenanthrene	85-01-8	mg/kg	1000	100	100	0.14		0.1	J	0.051	J	0.06	J	0.13	U
	Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.034	J	0.11	U	0.11	U	0.11	U	0.13	U
	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.16		0.052	J	0.047	J	0.074	J	0.18	U
	Pyrene	129-00-0	mg/kg	1000	100	100	0.34		0.1	J	0.11		0.19		0.13	U
	Biphenyl	92-52-4	mg/kg				0.44	U	0.051	J	0.42	U	0.42	U	0.51	U
	4-Chloroaniline	106-47-8	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	2-Nitroaniline	88-74-4	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	3-Nitroaniline	99-09-2	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	4-Nitroaniline	100-01-6	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Dibenzofuran	132-64-9	mg/kg	210	59	7	0.19	U	0.031	J	0.18	U	0.18	U	0.22	U
	2-Methylnaphthalene	91-57-6	mg/kg				0.23	U	0.7		0.22	U	0.22	U	0.27	U
	1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Acetophenone	98-86-2	mg/kg				0.19	U	0.18	U	0.026	J	0.18	U	0.22	U
	2,4,6-Trichlorophenol	88-06-2	mg/kg				0.12	U	0.11	U	0.11	U	0.11	U	0.13	U
	p-Chloro-m-cresol	59-50-7	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	2-Chlorophenol	95-57-8	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	2,4-Dichlorophenol	120-83-2	mg/kg				0.17	U	0.16	U	0.16	U	0.16	U	0.2	U
	2,4-Dimethylphenol	105-67-9	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	2-Nitrophenol	88-75-5	mg/kg				0.42	U	0.39	U	0.4	U	0.4	U	0.48	U
	4-Nitrophenol	100-02-7	mg/kg				0.27	U	0.25	U	0.26	U	0.26	U	0.31	U
	2,4-Dinitrophenol	51-28-5	mg/kg				0.93	U	0.87	U	0.88	U	0.88	U	1.1	U
	4,6-Dinitro-o-cresol	534-52-1	mg/kg				0.5	U	0.47	U	0.48	U	0.48	U	0.58	U
	Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	0.16	U	0.14	U	0.15	U	0.15	U	0.18	U
	Phenol	108-95-2	mg/kg	0.33	100	0.33	0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	0.33	100	0.33	0.28	U	0.26	U	0.26	U	0.26	U	0.32	U
	2,4,5-Trichlorophenol	95-95-4	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Benzoic Acid	65-85-0	mg/kg				0.63	U	0.59	U	0.59	U	0.59	U	0.72	U
	Benzyl Alcohol	100-51-6	mg/kg				0.19	U	0.18	U	0.18	U	0.18	U	0.22	U
	Carbazole	86-74-8	mg/kg				0.02	J	0.18	U	0.18	U	0.18	U	0.22	U
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.029	U	0.027	U	0.027	U	0.028	U	0.033	U
Total Metals																
	Aluminum, Total	7429-90-5	mg/kg				9810		8590		7750		-	-	11400	
	Antimony, Total	7440-36-0	mg/kg				1.38	J	0.99	J	0.79	J	-	-	0.946	J
	Arsenic, Total	7440-38-2	mg/kg	16	16	13	5.04		1.8		1.54		-	-	2.77	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						SB-5A (4.5-5)		SB-5A (7-7.5)		SB-6A (0.5-1)		SB-6A (0.5-1)		SB-6A (5-5.5)	
SAMPLING DATE						3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023	
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2315492-09		L2315492-10		L2315492-11		L2315492-11 R1		L2315492-12	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Barium, Total	7440-39-3	mg/kg	820	400	350	167		107		81		-	-	74	
Beryllium, Total	7440-41-7	mg/kg	47	72	7.2	0.406	J	0.369	J	0.357	J	-	-	0.43	J
Cadmium, Total	7440-43-9	mg/kg	7.5	4.3	2.5	0.227	J	0.861	U	0.866	U	-	-	1.05	U
Calcium, Total	7440-70-2	mg/kg				9880		20900		17600		-	-	2410	
Chromium, Total	7440-47-3	mg/kg		180	30	19.6		20.5		19		-	-	21.2	
Cobalt, Total	7440-48-4	mg/kg				5.71		5.45		5.98		-	-	5.89	
Copper, Total	7440-50-8	mg/kg	1720	270	50	72.7		23.4		45.1		-	-	15.2	
Iron, Total	7439-89-6	mg/kg				15100		14300		14200		-	-	15300	
Lead, Total	7439-92-1	mg/kg	450	400	63	333		37.4		10.8		-	-	25.9	
Magnesium, Total	7439-95-4	mg/kg				5460		9280		9060		-	-	4690	
Manganese, Total	7439-96-5	mg/kg	2000	2000	1600	168		186		175		-	-	219	
Mercury, Total	7439-97-6	mg/kg	0.73	0.81	0.18	0.404		0.07	U	0.11		-	-	0.067	J
Nickel, Total	7440-02-0	mg/kg	130	310	30	13.8		12.9		12.2		-	-	11.7	
Potassium, Total	7440-09-7	mg/kg				1490		3180		2990		-	-	1330	
Selenium, Total	7782-49-2	mg/kg	4	180	3.9	1.76	U	1.72	U	1.73	U	-	-	2.11	U
Silver, Total	7440-22-4	mg/kg	8.3	180	2	0.44	U	0.431	U	0.433	U	-	-	0.527	U
Sodium, Total	7440-23-5	mg/kg				268		310		331		-	-	308	
Thallium, Total	7440-28-0	mg/kg				1.76	U	0.503	J	0.634	J	-	-	2.11	U
Vanadium, Total	7440-62-2	mg/kg				27.9		25.3		25.6		-	-	30.8	
Zinc, Total	7440-66-6	mg/kg	2480	10000	109	372		62.6		44.2		-	-	41.9	
Volatile Organics by EPA 5035															
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	0.0054	U	0.0053	U	0.0056	U	-	-	0.0063	U
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
Chloroform	67-66-3	mg/kg	0.37	49	0.37	0.003		0.00037	J	0.0017	U	-	-	0.0019	U
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
1,2-Dichloropropane	78-87-5	mg/kg				0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
Dibromochloromethane	124-48-1	mg/kg				0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
1,1,2-Trichloroethane	79-00-5	mg/kg				0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	0.00054	U	0.00053	U	0.00056	U	-	-	0.00063	U
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	0.00054	U	0.00053	U	0.00056	U	-	-	0.00063	U
Trichlorofluoromethane	75-69-4	mg/kg				0.0043	U	0.0042	U	0.0045	U	-	-	0.005	U
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	0.00054	U	0.00053	U	0.00056	U	-	-	0.00063	U
Bromodichloromethane	75-27-4	mg/kg				0.00054	U	0.00053	U	0.00056	U	-	-	0.00063	U
trans-1,3-Dichloropropene	10061-02-6	mg/kg				0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
cis-1,3-Dichloropropene	10061-01-5	mg/kg				0.00054	U	0.00053	U	0.00056	U	-	-	0.00063	U
1,3-Dichloropropene, Total	542-75-6	mg/kg				0.00054	U	0.00053	U	0.00056	U	-	-	0.00063	U
1,1-Dichloropropene	563-58-6	mg/kg				0.00054	U	0.00053	U	0.00056	U	-	-	0.00063	U
Bromoform	75-25-2	mg/kg				0.0043	U	0.0042	U	0.0045	U	-	-	0.005	U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				0.00054	U	0.00053	U	0.00056	U	-	-	0.00063	U
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	0.00054	U	0.00053	U	0.00056	U	-	-	0.00085	
Toluene	108-88-3	mg/kg	0.7	100	0.7	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
Ethylbenzene	100-41-4	mg/kg	1	41	1	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
Chloromethane	74-87-3	mg/kg				0.0043	U	0.0042	U	0.0045	U	-	-	0.005	U
Bromomethane	74-83-9	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB-5A (4.5-5)		SB-5A (7-7.5)		SB-6A (0.5-1)		SB-6A (0.5-1)		SB-6A (5-5.5)	
SAMPLING DATE						3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023	
LAB SAMPLE ID						L2315492-09		L2315492-10		L2315492-11		L2315492-11 R1		L2315492-12	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chloroethane	75-00-3	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	0.0016	U	0.0016	U	0.0017	U	-	-	0.0019	U
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	0.00054	U	0.00053	U	0.00056	U	-	-	0.00063	U
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
Methyl tert butyl ether	1634-04-4	mg/kg	0.93	100	0.93	0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
p/m-Xylene	179601-23-1	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
o-Xylene	95-47-6	mg/kg				0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
Xylenes, Total	1330-20-7	mg/kg	1.6	100	0.26	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
1,2-Dichloroethene, Total	540-59-0	mg/kg				0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
Dibromomethane	74-95-3	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
Styrene	100-42-5	mg/kg				0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
Dichlorodifluoromethane	75-71-8	mg/kg				0.011	U	0.01	U	0.011	U	-	-	0.013	U
Acetone	67-64-1	mg/kg	0.05	100	0.05	0.011	U	0.016		0.011	U	-	-	0.054	
Carbon disulfide	75-15-0	mg/kg				0.011	U	0.01	U	0.011	U	-	-	0.013	U
2-Butanone	78-93-3	mg/kg	0.12	100	0.12	0.011	U	0.01	U	0.011	U	-	-	0.015	
Vinyl acetate	108-05-4	mg/kg				0.011	U	0.01	U	0.011	U	-	-	0.013	U
4-Methyl-2-pentanone	108-10-1	mg/kg				0.011	U	0.01	U	0.011	U	-	-	0.013	U
1,2,3-Trichloropropane	96-18-4	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
2-Hexanone	591-78-6	mg/kg				0.011	U	0.01	U	0.011	U	-	-	0.013	U
Bromochloromethane	74-97-5	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
2,2-Dichloropropane	594-20-7	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,2-Dibromoethane	106-93-4	mg/kg				0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
1,3-Dichloropropane	142-28-9	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg				0.00054	U	0.00053	U	0.00056	U	-	-	0.00063	U
Bromobenzene	108-86-1	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
n-Butylbenzene	104-51-8	mg/kg	12	100	12	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
sec-Butylbenzene	135-98-8	mg/kg	11	100	11	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
tert-Butylbenzene	98-06-6	mg/kg	5.9	100	5.9	0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
o-Chlorotoluene	95-49-8	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
p-Chlorotoluene	106-43-4	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				0.0032	U	0.0032	U	0.0034	U	-	-	0.0038	U
Hexachlorobutadiene	87-68-3	mg/kg				0.0043	U	0.0042	U	0.0045	U	-	-	0.005	U
Isopropylbenzene	98-82-8	mg/kg				0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
p-Isopropyltoluene	99-87-6	mg/kg				0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
Naphthalene	91-20-3	mg/kg	12	100	12	0.0043	U	0.0042	U	0.0045	U	-	-	0.005	U
Acrylonitrile	107-13-1	mg/kg				0.0043	U	0.0042	U	0.0045	U	-	-	0.005	U
n-Propylbenzene	103-65-1	mg/kg	3.9	100	3.9	0.0011	U	0.001	U	0.0011	U	-	-	0.0013	U
1,2,3-Trichlorobenzene	87-61-6	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,3,5-Trimethylbenzene	108-67-8	mg/kg	8.4	52	8.4	0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,2,4-Trimethylbenzene	95-63-6	mg/kg	3.6	52	3.6	0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.086	U	0.084	U	0.09	U	-	-	0.1	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB-5A (4.5-5)		SB-5A (7-7.5)		SB-6A (0.5-1)		SB-6A (0.5-1)		SB-6A (5-5.5)	
SAMPLING DATE						3/23/2023		3/23/2023		3/23/2023		3/23/2023		3/23/2023	
LAB SAMPLE ID						L2315492-09		L2315492-10		L2315492-11		L2315492-11 R1		L2315492-12	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Diethylbenzene	105-05-5	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
p-Ethyltoluene	622-96-8	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
Ethyl ether	60-29-7	mg/kg				0.0021	U	0.0021	U	0.0022	U	-	-	0.0025	U
trans-1,4-Dichloro-2-butene	110-57-6	mg/kg				0.0054	U	0.0053	U	0.0056	U	-	-	0.0063	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB-38A (1-1.5)		SB-25 (1-1.5) 020624		SB-30 (2.5-3) 020624		SB-32 (1.5-2) 020624	SB
SAMPLING DATE						3/30/2023		2/6/2024		2/6/2024		2/6/2024	
LAB SAMPLE ID						L2316865-07		L2406580-01		L2406580-06		L2406580-08	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry													
Solids, Total	NONE	%				90.3		94.5		92.6		93.8	
Cyanide, Total	57-12-5	mg/kg	40	27	27	1	U	1	U	1	U	0.99	U
Organochlorine Pesticides by GC													
Delta-BHC	319-86-8	mg/kg	0.25	100	0.04	0.00174	U	0.00162	U	0.00168	U	0.00166	U
Lindane	58-89-9	mg/kg	0.1	1.3	0.1	0.000726	U	0.000677	U	0.000698	U	0.000694	U
Alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	0.000726	U	0.000677	U	0.000698	U	0.000694	U
Beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	0.00174	U	0.00162	U	0.00168	U	0.00166	U
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	0.000871	U	0.000813	U	0.000838	U	0.000705	J
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	0.00174	U	0.00162	U	0.00168	U	0.00166	U
Heptachlor epoxide	1024-57-3	mg/kg				0.00326	U	0.00305	U	0.00314	U	0.00312	U
Endrin	72-20-8	mg/kg	0.06	11	0.014	0.000726	U	0.000677	U	0.000698	U	0.000694	U
Endrin aldehyde	7421-93-4	mg/kg				0.00218	U	0.00203	U	0.00209	U	0.00208	U
Endrin ketone	53494-70-5	mg/kg				0.00174	U	0.00162	U	0.00168	U	0.00166	U
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	0.00176		0.00102	U	0.00105	U	0.00104	U
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	0.00318		0.00103	J	0.000984	J	0.00172	
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	0.00574		0.00171		0.00349		0.00166	U
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.00174	U	0.00162	U	0.00168	U	0.0032	
Endosulfan I	959-98-8	mg/kg	102	24	2.4	0.00174	U	0.00162	U	0.00168	U	0.00166	U
Endosulfan II	33213-65-9	mg/kg	102	24	2.4	0.00174	U	0.00162	U	0.00168	U	0.00166	U
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	0.000726	U	0.000677	U	0.000698	U	0.000694	U
Methoxychlor	72-43-5	mg/kg				0.00326	U	0.00305	U	0.00314	U	0.00312	U
Toxaphene	8001-35-2	mg/kg				0.0326	U	0.0305	U	0.0314	U	0.0312	U
cis-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	0.00228	IP	0.000609	JIP	0.00411		0.00129	J
trans-Chlordane	5103-74-2	mg/kg				0.00428		0.000614	JIP	0.00441		0.00121	JIP
Chlordane	57-74-9	mg/kg				0.0168		0.0135	U	0.014	U	0.0139	U
Perfluorinated Alkyl Acids by EPA 1633													
Perfluorobutanoic Acid (PFBA)	375-22-4	ug/kg				-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg				-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/kg				-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/kg				-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	ug/kg				-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/kg				-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	ug/kg				-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/kg				-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	ug/kg				-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	ug/kg				-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	ug/kg				-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeF	2355-31-9	ug/kg				-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg				-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/kg				-	-	-	-	-	-	-	-

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Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB-38A (1-1.5)		SB-25 (1-1.5) 020624		SB-30 (2.5-3) 020624		SB-32 (1.5-2) 020624	SB
SAMPLING DATE						3/30/2023		2/6/2024		2/6/2024		2/6/2024	
LAB SAMPLE ID						L2316865-07		L2406580-01		L2406580-06		L2406580-08	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL	
		CasNum	Units			Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/kg			-	-	-	-	-	-	-	-
	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOS	2991-50-6	ug/kg			-	-	-	-	-	-	-	-
	Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/kg			-	-	-	-	-	-	-	-
	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/kg			-	-	-	-	-	-	-	-
	Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/kg			-	-	-	-	-	-	-	-
	PFOA/PFOS, Total	null	ug/kg			-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC													
	Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	0.0351	U	0.0507	U	0.0534	U	0.0498	U
	Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	0.0351	U	0.0507	U	0.0534	U	0.0498	U
	Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	0.0351	U	0.0507	U	0.0534	U	0.0498	U
	Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	0.0351	U	0.0507	U	0.0534	U	0.0498	U
	Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	0.0351	U	0.0507	U	0.0534	U	0.0498	U
	Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	0.0351	U	0.0507	U	0.0534	U	0.0498	U
	Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	0.0068	J	0.0507	U	0.0118	J	0.0498	U
	Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	0.0351	U	0.0507	U	0.0534	U	0.0498	U
	Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	0.0351	U	0.0507	U	0.008	J	0.0498	U
	PCBs, Total	1336-36-3	mg/kg	3.2	1	0.1	0.0068	J	0.0507	U	0.0198	J	0.0498	U
Semivolatile Organics by GC/MS													
	Acenaphthene	83-32-9	mg/kg	98	100	20	0.15	U	0.1	J	0.039	J	3.7	
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Hexachlorobenzene	118-74-1	mg/kg	3.2	1.2	0.33	0.11	U	0.1	U	0.11	U	0.11	U
	Bis(2-chloroethyl)ether	111-44-4	mg/kg				0.16	U	0.16	U	0.16	U	0.16	U
	2-Chloronaphthalene	91-58-7	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.18	U	0.17	U	0.18	U	0.18	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.18	U	0.17	U	0.18	U	0.18	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.18	U	0.17	U	0.18	U	0.18	U
	3,3'-Dichlorobenzidine	91-94-1	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	2,4-Dinitrotoluene	121-14-2	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	2,6-Dinitrotoluene	606-20-2	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Fluoranthene	206-44-0	mg/kg	1000	100	100	0.16		4.8		0.9		11	E
	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	4-Bromophenyl phenyl ether	101-55-3	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Bis(2-chloroisopropyl)ether	108-60-1	mg/kg				0.22	U	0.21	U	0.21	U	0.21	U
	Bis(2-chloroethoxy)methane	111-91-1	mg/kg				0.2	U	0.19	U	0.19	U	0.19	U
	Hexachlorobutadiene	87-68-3	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Hexachlorocyclopentadiene	77-47-4	mg/kg				0.52	U	0.5	U	0.51	U	0.51	U
	Hexachloroethane	67-72-1	mg/kg				0.15	U	0.14	U	0.14	U	0.14	U
	Isophorone	78-59-1	mg/kg				0.16	U	0.16	U	0.16	U	0.16	U
	Naphthalene	91-20-3	mg/kg	12	100	12	0.18	U	0.048	J	0.18	U	5	
	Nitrobenzene	98-95-3	mg/kg				0.16	U	0.16	U	0.16	U	0.16	U
	NDPA/DPA	86-30-6	mg/kg				0.15	U	0.14	U	0.14	U	0.14	U
	n-Nitrosodi-n-propylamine	621-64-7	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Butyl benzyl phthalate	85-68-7	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Di-n-butylphthalate	84-74-2	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Di-n-octylphthalate	117-84-0	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

				PGWSCOs	RRSCOs	USCOs	SB-38A (1-1.5)		SB-25 (1-1.5) 020624		SB-30 (2.5-3) 020624		SB-32 (1.5-2) 020624	SB
	LOCATION													
	SAMPLING DATE						3/30/2023		2/6/2024		2/6/2024		2/6/2024	
	LAB SAMPLE ID						L2316865-07		L2406580-01		L2406580-06		L2406580-08	
	SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL	
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Diethyl phthalate	84-66-2	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Dimethyl phthalate	131-11-3	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	0.2		3.3		0.58		6.7	
	Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	0.26		3.4		0.48		6.3	
	Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	0.32		4		0.53		7.4	E
	Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	0.092	J	1.4		0.19		2.2	
	Chrysene	218-01-9	mg/kg	1	3.9	1	0.2		3.3		0.56		5.8	
	Acenaphthylene	208-96-8	mg/kg	107	100	100	0.15	U	1.6		0.071	J	0.89	
	Anthracene	120-12-7	mg/kg	1000	100	100	0.11	U	0.9		0.17		5.1	
	Benzo(ghi)perylene	191-24-2	mg/kg	1000	100	100	0.14	J	2.1		0.3		3.8	
	Fluorene	86-73-7	mg/kg	386	100	30	0.18	U	0.082	J	0.039	J	3.5	
	Phenanthrene	85-01-8	mg/kg	1000	100	100	0.053	J	0.34		0.62		11	E
	Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.026	J	0.57		0.077	J	1	
	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.11	J	2.1		0.28		3.9	
	Pyrene	129-00-0	mg/kg	1000	100	100	0.18		4.6		1.1		9.5	E
	Biphenyl	92-52-4	mg/kg				0.42	U	0.4	U	0.4	U	0.34	J
	4-Chloroaniline	106-47-8	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	2-Nitroaniline	88-74-4	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	3-Nitroaniline	99-09-2	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	4-Nitroaniline	100-01-6	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Dibenzofuran	132-64-9	mg/kg	210	59	7	0.18	U	0.027	J	0.18	U	2.2	
	2-Methylnaphthalene	91-57-6	mg/kg				0.22	U	0.024	J	0.21	U	1.2	
	1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Acetophenone	98-86-2	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	2,4,6-Trichlorophenol	88-06-2	mg/kg				0.11	U	0.1	U	0.11	U	0.11	U
	p-Chloro-m-cresol	59-50-7	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	2-Chlorophenol	95-57-8	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	2,4-Dichlorophenol	120-83-2	mg/kg				0.16	U	0.16	U	0.16	U	0.16	U
	2,4-Dimethylphenol	105-67-9	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	2-Nitrophenol	88-75-5	mg/kg				0.4	U	0.37	U	0.38	U	0.38	U
	4-Nitrophenol	100-02-7	mg/kg				0.26	U	0.24	U	0.25	U	0.25	U
	2,4-Dinitrophenol	51-28-5	mg/kg				0.88	U	0.83	U	0.85	U	0.85	U
	4,6-Dinitro-o-cresol	534-52-1	mg/kg				0.48	U	0.45	U	0.46	U	0.46	U
	Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	0.15	U	0.14	U	0.14	U	0.14	U
	Phenol	108-95-2	mg/kg	0.33	100	0.33	0.18	U	0.17	U	0.18	U	0.18	U
	2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	0.18	U	0.17	U	0.18	U	0.18	U
	3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	0.33	100	0.33	0.26	U	0.25	U	0.26	U	0.26	U
	2,4,5-Trichlorophenol	95-95-4	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Benzoic Acid	65-85-0	mg/kg				0.6	U	0.56	U	0.58	U	0.57	U
	Benzyl Alcohol	100-51-6	mg/kg				0.18	U	0.17	U	0.18	U	0.18	U
	Carbazole	86-74-8	mg/kg				0.18	U	0.06	J	0.036	J	2.4	
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.028	U	0.026	U	0.027	U	0.027	U
Total Metals														
	Aluminum, Total	7429-90-5	mg/kg				7270		8890		7790		7750	
	Antimony, Total	7440-36-0	mg/kg				4.2	U	4.1	U	4.22	U	4.17	U
	Arsenic, Total	7440-38-2	mg/kg	16	16	13	2.16		2.23		3.55		1.86	

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Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			PGWSCOs	RRSCOs	USCOs	SB-38A (1-1.5)		SB-25 (1-1.5) 020624		SB-30 (2.5-3) 020624		SB-32 (1.5-2) 020624		SB
	SAMPLING DATE						3/30/2023		2/6/2024		2/6/2024		2/6/2024		
	LAB SAMPLE ID						L2316865-07		L2406580-01		L2406580-06		L2406580-08		
	SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	
	Barium, Total	7440-39-3	mg/kg	820	400	350	85.3		79.2		99.5		76.8		
	Beryllium, Total	7440-41-7	mg/kg	47	72	7.2	0.22	J	0.162	J	0.224	J	0.199	J	
	Cadmium, Total	7440-43-9	mg/kg	7.5	4.3	2.5	0.176	J	0.821	U	0.844	U	0.834	U	
	Calcium, Total	7440-70-2	mg/kg				13700		9930		12600		7440		
	Chromium, Total	7440-47-3	mg/kg		180	30	17		15		18.2		15.7		
	Cobalt, Total	7440-48-4	mg/kg				5.74		10.7		7.02		7.66		
	Copper, Total	7440-50-8	mg/kg	1720	270	50	26.8		40		39.3		27.5		
	Iron, Total	7439-89-6	mg/kg				14700		18400		14800		15500		
	Lead, Total	7439-92-1	mg/kg	450	400	63	60.7		49.7		123		32.6		
	Magnesium, Total	7439-95-4	mg/kg				5410		5870		6850		4680		
	Manganese, Total	7439-96-5	mg/kg	2000	2000	1600	206		235		205		229		
	Mercury, Total	7439-97-6	mg/kg	0.73	0.81	0.18	0.092		0.174		0.201		0.094		
	Nickel, Total	7440-02-0	mg/kg	130	310	30	11.7		15.2		14.5		13.4		
	Potassium, Total	7440-09-7	mg/kg				1770		1780		1720		1750		
	Selenium, Total	7782-49-2	mg/kg	4	180	3.9	0.223	J	1.64	U	1.69	U	1.67	U	
	Silver, Total	7440-22-4	mg/kg	8.3	180	2	0.42	U	0.41	U	0.422	U	0.417	U	
	Sodium, Total	7440-23-5	mg/kg				201		456		282		256		
	Thallium, Total	7440-28-0	mg/kg				1.68	U	0.398	J	0.366	J	0.291	J	
	Vanadium, Total	7440-62-2	mg/kg				25		45.6		23.3		28.1		
	Zinc, Total	7440-66-6	mg/kg	2480	10000	109	66.9		58		128		46.4		
Volatile Organics by EPA 5035															
	Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	0.0051	U	0.0047	U	0.0052	U	0.0048	U	
	1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	0.001	U	0.00093	U	0.001	U	0.00095	U	
	Chloroform	67-66-3	mg/kg	0.37	49	0.37	0.0015	U	0.0014	U	0.0016	U	0.0014	U	
	Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	0.001	U	0.00093	U	0.001	U	0.00095	U	
	1,2-Dichloropropane	78-87-5	mg/kg				0.001	U	0.00093	U	0.001	U	0.00095	U	
	Dibromochloromethane	124-48-1	mg/kg				0.001	U	0.00093	U	0.001	U	0.00095	U	
	1,1,2-Trichloroethane	79-00-5	mg/kg				0.001	U	0.00093	U	0.001	U	0.00095	U	
	Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	0.00051	U	0.00047	U	0.00052	U	0.00048	U	
	Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	0.00051	U	0.00047	U	0.00052	U	0.00048	U	
	Trichlorofluoromethane	75-69-4	mg/kg				0.0041	U	0.0037	U	0.0042	U	0.0038	U	
	1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	0.001	U	0.00093	U	0.001	U	0.00095	U	
	1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	0.00051	U	0.00047	U	0.00052	U	0.00048	U	
	Bromodichloromethane	75-27-4	mg/kg				0.00051	U	0.00047	U	0.00052	U	0.00048	U	
	trans-1,3-Dichloropropene	10061-02-6	mg/kg				0.001	U	0.00093	U	0.001	U	0.00095	U	
	cis-1,3-Dichloropropene	10061-01-5	mg/kg				0.00051	U	0.00047	U	0.00052	U	0.00048	U	
	1,3-Dichloropropene, Total	542-75-6	mg/kg				0.00051	U	0.00047	U	0.00052	U	0.00048	U	
	1,1-Dichloropropene	563-58-6	mg/kg				0.00051	U	0.00047	U	0.00052	U	0.00048	U	
	Bromoform	75-25-2	mg/kg				0.0041	U	0.0037	U	0.0042	U	0.0038	U	
	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				0.00051	U	0.00047	U	0.00052	U	0.00048	U	
	Benzene	71-43-2	mg/kg	0.06	4.8	0.06	0.00051	U	0.00047	U	0.00052	U	0.00048	U	
	Toluene	108-88-3	mg/kg	0.7	100	0.7	0.001	U	0.00093	U	0.001	U	0.00095	U	
	Ethylbenzene	100-41-4	mg/kg	1	41	1	0.001	U	0.00093	U	0.001	U	0.00095	U	
	Chloromethane	74-87-3	mg/kg				0.0041	U	0.0037	U	0.0042	U	0.0038	U	
	Bromomethane	74-83-9	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U	
	Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	0.001	U	0.00093	U	0.001	U	0.00095	U	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB-38A (1-1.5)		SB-25 (1-1.5) 020624		SB-30 (2.5-3) 020624		SB-32 (1.5-2) 020624	SB
SAMPLING DATE						3/30/2023		2/6/2024		2/6/2024		2/6/2024	
LAB SAMPLE ID						L2316865-07		L2406580-01		L2406580-06		L2406580-08	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chloroethane	75-00-3	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	0.001	U	0.00093	U	0.001	U	0.00095	U
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	0.0015	U	0.0014	U	0.0016	U	0.0014	U
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	0.00051	U	0.00047	U	0.00052	U	0.00048	U
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.002	U	0.0019	U	0.0021	U	0.0019	U
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.002	U	0.0019	U	0.0021	U	0.0019	U
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.002	U	0.0019	U	0.0021	U	0.0019	U
Methyl tert butyl ether	1634-04-4	mg/kg	0.93	100	0.93	0.002	U	0.0019	U	0.0021	U	0.0019	U
p/m-Xylene	179601-23-1	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
o-Xylene	95-47-6	mg/kg				0.001	U	0.00093	U	0.001	U	0.00095	U
Xylenes, Total	1330-20-7	mg/kg	1.6	100	0.26	0.001	U	0.00093	U	0.001	U	0.00095	U
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	0.001	U	0.00093	U	0.001	U	0.00095	U
1,2-Dichloroethene, Total	540-59-0	mg/kg				0.001	U	0.00093	U	0.001	U	0.00095	U
Dibromomethane	74-95-3	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
Styrene	100-42-5	mg/kg				0.00043	J	0.00093	U	0.001	U	0.00095	U
Dichlorodifluoromethane	75-71-8	mg/kg				0.01	U	0.0093	U	0.01	U	0.0095	U
Acetone	67-64-1	mg/kg	0.05	100	0.05	0.019		0.013		0.01	U	0.0095	U
Carbon disulfide	75-15-0	mg/kg				0.01	U	0.0093	U	0.01	U	0.0095	U
2-Butanone	78-93-3	mg/kg	0.12	100	0.12	0.004	J	0.0026	J	0.01	U	0.0095	U
Vinyl acetate	108-05-4	mg/kg				0.01	U	0.0093	U	0.01	U	0.0095	U
4-Methyl-2-pentanone	108-10-1	mg/kg				0.0025	J	0.0093	U	0.01	U	0.0095	U
1,2,3-Trichloropropane	96-18-4	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
2-Hexanone	591-78-6	mg/kg				0.01	U	0.0093	U	0.01	U	0.0095	U
Bromochloromethane	74-97-5	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
2,2-Dichloropropane	594-20-7	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
1,2-Dibromoethane	106-93-4	mg/kg				0.001	U	0.00093	U	0.001	U	0.00095	U
1,3-Dichloropropane	142-28-9	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg				0.00051	U	0.00047	U	0.00052	U	0.00048	U
Bromobenzene	108-86-1	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
n-Butylbenzene	104-51-8	mg/kg	12	100	12	0.001	U	0.00093	U	0.001	U	0.00095	U
sec-Butylbenzene	135-98-8	mg/kg	11	100	11	0.001	U	0.00093	U	0.001	U	0.00095	U
tert-Butylbenzene	98-06-6	mg/kg	5.9	100	5.9	0.002	U	0.0019	U	0.0021	U	0.0019	U
o-Chlorotoluene	95-49-8	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
p-Chlorotoluene	106-43-4	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				0.0031	U	0.0028	U	0.0032	U	0.0028	U
Hexachlorobutadiene	87-68-3	mg/kg				0.0041	U	0.0037	U	0.0042	U	0.0038	U
Isopropylbenzene	98-82-8	mg/kg				0.001	U	0.00093	U	0.001	U	0.00095	U
p-Isopropyltoluene	99-87-6	mg/kg				0.001	U	0.00093	U	0.001	U	0.00095	U
Naphthalene	91-20-3	mg/kg	12	100	12	0.0041	U	0.0037	U	0.0065		0.0038	U
Acrylonitrile	107-13-1	mg/kg				0.0041	U	0.0037	U	0.0042	U	0.0038	U
n-Propylbenzene	103-65-1	mg/kg	3.9	100	3.9	0.001	U	0.00093	U	0.001	U	0.00095	U
1,2,3-Trichlorobenzene	87-61-6	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.002	U	0.0019	U	0.0021	U	0.0019	U
1,3,5-Trimethylbenzene	108-67-8	mg/kg	8.4	52	8.4	0.002	U	0.0019	U	0.0021	U	0.0019	U
1,2,4-Trimethylbenzene	95-63-6	mg/kg	3.6	52	3.6	0.002	U	0.0019	U	0.0021	U	0.0019	U
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.082	U	0.075	U	0.084	U	0.076	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB-38A (1-1.5)		SB-25 (1-1.5) 020624		SB-30 (2.5-3) 020624		SB-32 (1.5-2) 020624	SB
SAMPLING DATE						3/30/2023		2/6/2024		2/6/2024		2/6/2024	
LAB SAMPLE ID						L2316865-07		L2406580-01		L2406580-06		L2406580-08	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL	
		CasNum	Units			Results	Qual	Results	Qual	Results	Qual	Results	Qual
	p-Diethylbenzene	105-05-5	mg/kg			0.002	U	0.0019	U	0.0021	U	0.0019	U
	p-Ethyltoluene	622-96-8	mg/kg			0.002	U	0.0019	U	0.0021	U	0.0019	U
	1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg			0.00021	J	0.0019	U	0.0021	U	0.0019	U
	Ethyl ether	60-29-7	mg/kg			0.002	U	0.0019	U	0.0021	U	0.0019	U
	trans-1,4-Dichloro-2-butene	110-57-6	mg/kg			0.0051	U	0.0047	U	0.0052	U	0.0048	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			PGWSCOs	RRSCOs	USCOs	-32 (1.5-2) 020624		SB-32 (7-7.5) 020624		SB-32 (7-7.5) 020624		SB-101 (4.5-5) 4725		SB-101 (19.5-20) 4725	
	SAMPLING DATE						2/6/2024		2/6/2024		2/6/2024		4/7/2025		4/7/2025	
	LAB SAMPLE ID						L2406580-08 R1		L2406580-09		L2406580-09 R1		L2520890-01		L2520890-02	
	SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																
	Solids, Total	NONE	%				-	-	92		-	-	91		80.7	
	Cyanide, Total	57-12-5	mg/kg	40	27	27	-	-	1	U	-	-	1	U	1.2	U
Organochlorine Pesticides by GC																
	Delta-BHC	319-86-8	mg/kg	0.25	100	0.04	-	-	0.0017	U	-	-	0.00169	U	0.00193	U
	Lindane	58-89-9	mg/kg	0.1	1.3	0.1	-	-	0.000708	U	-	-	0.000704	U	0.000804	U
	Alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	-	-	0.000708	U	-	-	0.000704	U	0.000804	U
	Beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	-	-	0.0017	U	-	-	0.00169	U	0.00193	U
	Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	-	-	0.00463		-	-	0.000844	U	0.000964	U
	Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	-	-	0.0017	U	-	-	0.00169	U	0.00193	U
	Heptachlor epoxide	1024-57-3	mg/kg				-	-	0.00319	U	-	-	0.00316	U	0.00362	U
	Endrin	72-20-8	mg/kg	0.06	11	0.014	-	-	0.000708	U	-	-	0.000704	U	0.000804	U
	Endrin aldehyde	7421-93-4	mg/kg				-	-	0.00212	U	-	-	0.00211	U	0.00241	U
	Endrin ketone	53494-70-5	mg/kg				-	-	0.0017	U	-	-	0.00169	U	0.00193	U
	Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	-	-	0.00106	U	-	-	0.00106	U	0.0012	U
	4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	-	-	0.0017	U	-	-	0.000953	J	0.00193	U
	4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	-	-	0.0017	U	-	-	0.00802		0.00193	U
	4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	-	-	0.0017	U	-	-	0.00169	U	0.00193	U
	Endosulfan I	959-98-8	mg/kg	102	24	2.4	-	-	0.0017	U	-	-	0.00169	U	0.00193	U
	Endosulfan II	33213-65-9	mg/kg	102	24	2.4	-	-	0.0017	U	-	-	0.00169	U	0.00193	U
	Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	-	-	0.000708	U	-	-	0.000704	U	0.000804	U
	Methoxychlor	72-43-5	mg/kg				-	-	0.00319	U	-	-	0.00316	U	0.00362	U
	Toxaphene	8001-35-2	mg/kg				-	-	0.0319	U	-	-	0.0316	U	0.0362	U
	cis-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	-	-	0.15		-	-	0.00235	IP	0.00241	U
	trans-Chlordane	5103-74-2	mg/kg				-	-	0.127		-	-	0.00346		0.00241	U
	Chlordane	57-74-9	mg/kg				-	-	0.698		-	-	0.0141	U	0.0161	U
Perfluorinated Alkyl Acids by EPA 1633																
	Perfluorobutanoic Acid (PFBA)	375-22-4	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluoroheptanoic Acid (PFHpA)	375-85-9	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorooctanoic Acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	-	-	-	-	-	-	-	-	-	-
	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorononanoic Acid (PFNA)	375-95-1	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	-	-	-	-	-	-	-	-	-	-
	Perfluorodecanoic Acid (PFDA)	335-76-2	ug/kg				-	-	-	-	-	-	-	-	-	-
	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	ug/kg				-	-	-	-	-	-	-	-	-	-
	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeF	2355-31-9	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/kg				-	-	-	-	-	-	-	-	-	-

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Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			PGWSCOs	RRSCOs	USCOs	-32 (1.5-2) 020624		SB-32 (7-7.5) 020624		SB-32 (7-7.5) 020624		SB-101 (4.5-5) 4725		SB-101 (19.5-20) 4725	
	SAMPLING DATE						2/6/2024		2/6/2024		2/6/2024		4/7/2025		4/7/2025	
	LAB SAMPLE ID						L2406580-08 R1		L2406580-09		L2406580-09 R1		L2520890-01		L2520890-02	
	SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/kg				-	-	-	-	-	-	-	-	-	-
	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOS	2991-50-6	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/kg				-	-	-	-	-	-	-	-	-	-
	PFOA/PFOS, Total	null	ug/kg				-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																
	Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	-	-	0.0526	U	-	-	0.0524	U	0.0578	U
	Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	-	-	0.0526	U	-	-	0.0524	U	0.0578	U
	Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	-	-	0.0526	U	-	-	0.0524	U	0.0578	U
	Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	-	-	0.0526	U	-	-	0.0524	U	0.0578	U
	Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	-	-	0.0526	U	-	-	0.0524	U	0.0578	U
	Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	-	-	0.0526	U	-	-	0.0524	U	0.0578	U
	Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	-	-	0.0526	U	-	-	0.0285	J	0.0578	U
	Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	-	-	0.0526	U	-	-	0.0524	U	0.0578	U
	Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	-	-	0.0526	U	-	-	0.0524	U	0.0578	U
	PCBs, Total	1336-36-3	mg/kg	3.2	1	0.1	-	-	0.0526	U	-	-	0.0285	J	0.0578	U
Semivolatile Organics by GC/MS																
	Acenaphthene	83-32-9	mg/kg	98	100	20	-	-	5		-	-	0.14	U	0.16	U
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Hexachlorobenzene	118-74-1	mg/kg	3.2	1.2	0.33	-	-	0.11	U	-	-	0.11	U	0.12	U
	Bis(2-chloroethyl)ether	111-44-4	mg/kg				-	-	0.16	U	-	-	0.16	U	0.18	U
	2-Chloronaphthalene	91-58-7	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	-	-	0.18	U	-	-	0.18	U	0.2	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	-	-	0.18	U	-	-	0.18	U	0.2	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	-	-	0.18	U	-	-	0.18	U	0.2	U
	3,3'-Dichlorobenzidine	91-94-1	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	2,4-Dinitrotoluene	121-14-2	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	2,6-Dinitrotoluene	606-20-2	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Fluoranthene	206-44-0	mg/kg	1000	100	100	28		16	E	51		0.083	J	0.12	U
	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	4-Bromophenyl phenyl ether	101-55-3	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Bis(2-chloroisopropyl)ether	108-60-1	mg/kg				-	-	0.22	U	-	-	0.22	U	0.24	U
	Bis(2-chloroethoxy)methane	111-91-1	mg/kg				-	-	0.2	U	-	-	0.2	U	0.22	U
	Hexachlorobutadiene	87-68-3	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Hexachlorocyclopentadiene	77-47-4	mg/kg				-	-	0.52	U	-	-	0.52	U	0.58	U
	Hexachloroethane	67-72-1	mg/kg				-	-	0.14	U	-	-	0.14	U	0.16	U
	Isophorone	78-59-1	mg/kg				-	-	0.16	U	-	-	0.16	U	0.18	U
	Naphthalene	91-20-3	mg/kg	12	100	12	-	-	6		-	-	0.086	J	0.2	U
	Nitrobenzene	98-95-3	mg/kg				-	-	0.16	U	-	-	0.16	U	0.18	U
	NDPA/DPA	86-30-6	mg/kg				-	-	0.14	U	-	-	0.14	U	0.16	U
	n-Nitrosodi-n-propylamine	621-64-7	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg				-	-	0.18	U	-	-	0.11	J	0.2	U
	Butyl benzyl phthalate	85-68-7	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Di-n-butylphthalate	84-74-2	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Di-n-octylphthalate	117-84-0	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U

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Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	-32 (1.5-2) 020624		SB-32 (7-7.5) 020624		SB-32 (7-7.5) 020624		SB-101 (4.5-5) 4725		SB-101 (19.5-20) 4725	
SAMPLING DATE						2/6/2024		2/6/2024		2/6/2024		4/7/2025		4/7/2025	
LAB SAMPLE ID						L2406580-08 R1		L2406580-09		L2406580-09 R1		L2520890-01		L2520890-02	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
		CasNum	Units			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Diethyl phthalate	84-66-2	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Dimethyl phthalate	131-11-3	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	-	-	10	E	20		0.053	J	0.12	U
	Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	-	-	9.7	E	18		0.079	J	0.16	U
	Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	13		12	E	22		0.087	J	0.12	U
	Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	-	-	3		-	-	0.03	J	0.12	U
	Chrysene	218-01-9	mg/kg	1	3.9	1	-	-	8.9	E	19		0.062	J	0.12	U
	Acenaphthylene	208-96-8	mg/kg	107	100	100	-	-	2		-	-	0.14	U	0.16	U
	Anthracene	120-12-7	mg/kg	1000	100	100	-	-	8	E	16		0.11	U	0.12	U
	Benzo(ghi)perylene	191-24-2	mg/kg	1000	100	100	-	-	6.3		-	-	0.079	J	0.16	U
	Fluorene	86-73-7	mg/kg	386	100	30	-	-	5.7		-	-	0.18	U	0.2	U
	Phenanthrene	85-01-8	mg/kg	1000	100	100	30		16	E	53		0.07	J	0.12	U
	Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	-	-	1.5		-	-	0.11	U	0.12	U
	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	-	-	6.3		-	-	0.068	J	0.16	U
	Pyrene	129-00-0	mg/kg	1000	100	100	23		14	E	40		0.089	J	0.12	U
	Biphenyl	92-52-4	mg/kg				-	-	0.5		-	-	0.41	U	0.46	U
	4-Chloroaniline	106-47-8	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	2-Nitroaniline	88-74-4	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	3-Nitroaniline	99-09-2	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	4-Nitroaniline	100-01-6	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Dibenzofuran	132-64-9	mg/kg	210	59	7	-	-	3.3		-	-	0.18	U	0.2	U
	2-Methylnaphthalene	91-57-6	mg/kg				-	-	1.6		-	-	0.067	J	0.24	U
	1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Acetophenone	98-86-2	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	2,4,6-Trichlorophenol	88-06-2	mg/kg				-	-	0.11	U	-	-	0.11	U	0.12	U
	p-Chloro-m-cresol	59-50-7	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	2-Chlorophenol	95-57-8	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	2,4-Dichlorophenol	120-83-2	mg/kg				-	-	0.16	U	-	-	0.16	U	0.18	U
	2,4-Dimethylphenol	105-67-9	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	2-Nitrophenol	88-75-5	mg/kg				-	-	0.39	U	-	-	0.39	U	0.44	U
	4-Nitrophenol	100-02-7	mg/kg				-	-	0.25	U	-	-	0.25	U	0.28	U
	2,4-Dinitrophenol	51-28-5	mg/kg				-	-	0.87	U	-	-	0.87	U	0.97	U
	4,6-Dinitro-o-cresol	534-52-1	mg/kg				-	-	0.47	U	-	-	0.47	U	0.53	U
	Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	-	-	0.14	U	-	-	0.14	U	0.16	U
	Phenol	108-95-2	mg/kg	0.33	100	0.33	-	-	0.18	U	-	-	0.18	U	0.2	U
	2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	-	-	0.18	U	-	-	0.18	U	0.2	U
	3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	0.33	100	0.33	-	-	0.26	U	-	-	0.26	U	0.29	U
	2,4,5-Trichlorophenol	95-95-4	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Benzoic Acid	65-85-0	mg/kg				-	-	0.58	U	-	-	0.59	U	0.66	U
	Benzyl Alcohol	100-51-6	mg/kg				-	-	0.18	U	-	-	0.18	U	0.2	U
	Carbazole	86-74-8	mg/kg				-	-	3.6		-	-	0.18	U	0.2	U
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	-	-	0.027	U	-	-	0.027	U	0.03	U
Total Metals															
	Aluminum, Total	7429-90-5	mg/kg				-	-	5970		-	-	8510		3380	
	Antimony, Total	7440-36-0	mg/kg				-	-	4.19	U	-	-	4.32	U	4.86	U
	Arsenic, Total	7440-38-2	mg/kg	16	16	13	-	-	1.38		-	-	1.84		0.759	J

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						-32 (1.5-2) 020624		SB-32 (7-7.5) 020624		SB-32 (7-7.5) 020624		SB-101 (4.5-5) 4725		SB-101 (19.5-20) 4725	
SAMPLING DATE						2/6/2024		2/6/2024		2/6/2024		4/7/2025		4/7/2025	
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2406580-08 R1		L2406580-09		L2406580-09 R1		L2520890-01		L2520890-02	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Barium, Total	7440-39-3	mg/kg	820	400	350	-	-	56.2		-	-	60.8		42.5	
Beryllium, Total	7440-41-7	mg/kg	47	72	7.2	-	-	0.156	J	-	-	0.2	J	0.067	J
Cadmium, Total	7440-43-9	mg/kg	7.5	4.3	2.5	-	-	0.839	U	-	-	0.311	J	0.972	U
Calcium, Total	7440-70-2	mg/kg				-	-	15000		-	-	2340		12400	
Chromium, Total	7440-47-3	mg/kg		180	30	-	-	12.3		-	-	15.2		11	
Cobalt, Total	7440-48-4	mg/kg				-	-	5.21		-	-	5.26		4.53	
Copper, Total	7440-50-8	mg/kg	1720	270	50	-	-	16.3		-	-	17.9		16.7	
Iron, Total	7439-89-6	mg/kg				-	-	10700		-	-	12100		8120	
Lead, Total	7439-92-1	mg/kg	450	400	63	-	-	18.6		-	-	57.2		1.65	J
Magnesium, Total	7439-95-4	mg/kg				-	-	3980		-	-	3710		7290	
Manganese, Total	7439-96-5	mg/kg	2000	2000	1600	-	-	174		-	-	208		78.1	
Mercury, Total	7439-97-6	mg/kg	0.73	0.81	0.18	-	-	0.068	J	-	-	0.217		0.089	U
Nickel, Total	7440-02-0	mg/kg	130	310	30	-	-	9.42		-	-	8.98		8.85	
Potassium, Total	7440-09-7	mg/kg				-	-	1480		-	-	1260		1150	
Selenium, Total	7782-49-2	mg/kg	4	180	3.9	-	-	1.68	U	-	-	1.73	U	1.94	U
Silver, Total	7440-22-4	mg/kg	8.3	180	2	-	-	0.419	U	-	-	0.432	U	0.486	U
Sodium, Total	7440-23-5	mg/kg				-	-	169		-	-	231		292	
Thallium, Total	7440-28-0	mg/kg				-	-	1.68	U	-	-	1.73	U	1.94	U
Vanadium, Total	7440-62-2	mg/kg				-	-	17.7		-	-	21		11.8	
Zinc, Total	7440-66-6	mg/kg	2480	10000	109	-	-	30.8		-	-	81.6		14.7	
Volatile Organics by EPA 5035															
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	-	-	0.0053	U	-	-	0.0058	U	0.0052	U
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	-	-	0.0011	U	-	-	0.0012	U	0.001	U
Chloroform	67-66-3	mg/kg	0.37	49	0.37	-	-	0.0016	U	-	-	0.0032		0.0016	U
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	-	-	0.0011	U	-	-	0.0012	U	0.001	U
1,2-Dichloropropane	78-87-5	mg/kg				-	-	0.0011	U	-	-	0.0012	U	0.001	U
Dibromochloromethane	124-48-1	mg/kg				-	-	0.0011	U	-	-	0.0012	U	0.001	U
1,1,2-Trichloroethane	79-00-5	mg/kg				-	-	0.0011	U	-	-	0.0012	U	0.001	U
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	-	-	0.00053	U	-	-	0.00058	U	0.00052	U
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	-	-	0.00053	U	-	-	0.00058	U	0.00052	U
Trichlorofluoromethane	75-69-4	mg/kg				-	-	0.0042	U	-	-	0.0047	U	0.0041	U
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	-	-	0.0011	U	-	-	0.0012	U	0.001	U
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	-	-	0.00053	U	-	-	0.00058	U	0.00052	U
Bromodichloromethane	75-27-4	mg/kg				-	-	0.00053	U	-	-	0.00015	J	0.00052	U
trans-1,3-Dichloropropene	10061-02-6	mg/kg				-	-	0.0011	U	-	-	0.0012	U	0.001	U
cis-1,3-Dichloropropene	10061-01-5	mg/kg				-	-	0.00053	U	-	-	0.00058	U	0.00052	U
1,3-Dichloropropene, Total	542-75-6	mg/kg				-	-	0.00053	U	-	-	0.00058	U	0.00052	U
1,1-Dichloropropene	563-58-6	mg/kg				-	-	0.00053	U	-	-	0.00058	U	0.00052	U
Bromoform	75-25-2	mg/kg				-	-	0.0042	U	-	-	0.0047	U	0.0041	U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				-	-	0.00053	U	-	-	0.00058	U	0.00052	U
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	-	-	0.00053	U	-	-	0.00058	U	0.00052	U
Toluene	108-88-3	mg/kg	0.7	100	0.7	-	-	0.0011	U	-	-	0.0012	U	0.001	U
Ethylbenzene	100-41-4	mg/kg	1	41	1	-	-	0.0011	U	-	-	0.0012	U	0.001	U
Chloromethane	74-87-3	mg/kg				-	-	0.0042	U	-	-	0.0047	U	0.0041	U
Bromomethane	74-83-9	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	-	-	0.0011	U	-	-	0.0012	U	0.001	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						-32 (1.5-2) 020624		SB-32 (7-7.5) 020624		SB-32 (7-7.5) 020624		SB-101 (4.5-5) 4725		SB-101 (19.5-20) 4725	
SAMPLING DATE						2/6/2024		2/6/2024		2/6/2024		4/7/2025		4/7/2025	
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2406580-08 R1		L2406580-09		L2406580-09 R1		L2520890-01		L2520890-02	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
		CasNum	Units			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Chloroethane	75-00-3	mg/kg			-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	-	-	0.0011	U	-	-	0.0012	U	0.001	U
	trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	-	-	0.0016	U	-	-	0.0018	U	0.0016	U
	Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	-	-	0.00053	U	-	-	0.00058	U	0.00052	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	Methyl tert butyl ether	1634-04-4	mg/kg	0.93	100	0.93	-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	p/m-Xylene	179601-23-1	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	o-Xylene	95-47-6	mg/kg				-	-	0.0011	U	-	-	0.0012	U	0.001	U
	Xylenes, Total	1330-20-7	mg/kg	1.6	100	0.26	-	-	0.0011	U	-	-	0.0012	U	0.001	U
	cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	-	-	0.0011	U	-	-	0.0012	U	0.001	U
	1,2-Dichloroethene, Total	540-59-0	mg/kg				-	-	0.0011	U	-	-	0.0012	U	0.001	U
	Dibromomethane	74-95-3	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	Styrene	100-42-5	mg/kg				-	-	0.0011	U	-	-	0.0012	U	0.001	U
	Dichlorodifluoromethane	75-71-8	mg/kg				-	-	0.011	U	-	-	0.012	U	0.01	U
	Acetone	67-64-1	mg/kg	0.05	100	0.05	-	-	0.011	U	-	-	0.011	J	0.02	
	Carbon disulfide	75-15-0	mg/kg				-	-	0.011	U	-	-	0.012	U	0.01	U
	2-Butanone	78-93-3	mg/kg	0.12	100	0.12	-	-	0.011	U	-	-	0.012	U	0.01	U
	Vinyl acetate	108-05-4	mg/kg				-	-	0.011	U	-	-	0.012	U	0.01	U
	4-Methyl-2-pentanone	108-10-1	mg/kg				-	-	0.011	U	-	-	0.012	U	0.01	U
	1,2,3-Trichloropropane	96-18-4	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	2-Hexanone	591-78-6	mg/kg				-	-	0.011	U	-	-	0.012	U	0.01	U
	Bromochloromethane	74-97-5	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	2,2-Dichloropropane	594-20-7	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,2-Dibromoethane	106-93-4	mg/kg				-	-	0.0011	U	-	-	0.0012	U	0.001	U
	1,3-Dichloropropane	142-28-9	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,1,1,2-Tetrachloroethane	630-20-6	mg/kg				-	-	0.00053	U	-	-	0.00058	U	0.00052	U
	Bromobenzene	108-86-1	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	n-Butylbenzene	104-51-8	mg/kg	12	100	12	-	-	0.0011	U	-	-	0.0012	U	0.001	U
	sec-Butylbenzene	135-98-8	mg/kg	11	100	11	-	-	0.0011	U	-	-	0.0012	U	0.001	U
	tert-Butylbenzene	98-06-6	mg/kg	5.9	100	5.9	-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	o-Chlorotoluene	95-49-8	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	p-Chlorotoluene	106-43-4	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				-	-	0.0032	U	-	-	0.0035	U	0.0031	U
	Hexachlorobutadiene	87-68-3	mg/kg				-	-	0.0042	U	-	-	0.0047	U	0.0041	U
	Isopropylbenzene	98-82-8	mg/kg				-	-	0.0011	U	-	-	0.0012	U	0.001	U
	p-Isopropyltoluene	99-87-6	mg/kg				-	-	0.0011	U	-	-	0.0012	U	0.001	U
	Naphthalene	91-20-3	mg/kg	12	100	12	-	-	0.0008	J	-	-	0.0047	U	0.0041	U
	Acrylonitrile	107-13-1	mg/kg				-	-	0.0042	U	-	-	0.0047	U	0.0041	U
	n-Propylbenzene	103-65-1	mg/kg	3.9	100	3.9	-	-	0.0011	U	-	-	0.0012	U	0.001	U
	1,2,3-Trichlorobenzene	87-61-6	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,3,5-Trimethylbenzene	108-67-8	mg/kg	8.4	52	8.4	-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,2,4-Trimethylbenzene	95-63-6	mg/kg	3.6	52	3.6	-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	-	-	0.085	U	-	-	0.094	U	0.083	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						-32 (1.5-2) 020624		SB-32 (7-7.5) 020624		SB-32 (7-7.5) 020624		SB-101 (4.5-5) 4725		SB-101 (19.5-20) 4725	
SAMPLING DATE						2/6/2024		2/6/2024		2/6/2024		4/7/2025		4/7/2025	
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2406580-08 R1		L2406580-09		L2406580-09 R1		L2520890-01		L2520890-02	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL	
		CasNum	Units			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	p-Diethylbenzene	105-05-5	mg/kg			-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	p-Ethyltoluene	622-96-8	mg/kg			-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg			-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	Ethyl ether	60-29-7	mg/kg			-	-	0.0021	U	-	-	0.0023	U	0.0021	U
	trans-1,4-Dichloro-2-butene	110-57-6	mg/kg			-	-	0.0053	U	-	-	0.0058	U	0.0052	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB-101 (9.5-10) 4925		SB-102 (4.5-5) 4725		SB-102 (19.5-20) 4725		SB-103 (1.5-2) 4725		SB-
SAMPLING DATE						4/9/2025		4/7/2025		4/7/2025		4/7/2025		
LAB SAMPLE ID						L2521706-01		L2520890-03		L2520890-04		L2520890-05		
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	
General Chemistry														
Solids, Total	NONE	%				93.9		90.4		86.6		89.4		
Cyanide, Total	57-12-5	mg/kg	40	27	27	1	U	1	U	1.1	U	1.1	U	
Organochlorine Pesticides by GC														
Delta-BHC	319-86-8	mg/kg	0.25	100	0.04	0.00166	U	0.00171	U	0.00177	U	0.00172	U	
Lindane	58-89-9	mg/kg	0.1	1.3	0.1	0.000694	U	0.000711	U	0.000737	U	0.000718	U	
Alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	0.000694	U	0.000711	U	0.000737	U	0.000718	U	
Beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	0.00166	U	0.00171	U	0.00177	U	0.00172	U	
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	0.000832	U	0.000853	U	0.000884	U	0.000862	U	
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	0.00166	U	0.00171	U	0.00177	U	0.00172	U	
Heptachlor epoxide	1024-57-3	mg/kg				0.00312	U	0.0032	U	0.00332	U	0.00323	U	
Endrin	72-20-8	mg/kg	0.06	11	0.014	0.000694	U	0.000711	U	0.000737	U	0.000718	U	
Endrin aldehyde	7421-93-4	mg/kg				0.00208	U	0.00213	U	0.00221	U	0.00216	U	
Endrin ketone	53494-70-5	mg/kg				0.00166	U	0.00171	U	0.00177	U	0.00172	U	
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	0.00294		0.00107	U	0.0011	U	0.000789	J	
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	0.00199		0.00171	U	0.00177	U	0.00172	U	
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	0.00166	U	0.00247		0.00177	U	0.000659	J	
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.00693		0.00171	U	0.00177	U	0.00172	U	
Endosulfan I	959-98-8	mg/kg	102	24	2.4	0.00166	U	0.00171	U	0.00177	U	0.00172	U	
Endosulfan II	33213-65-9	mg/kg	102	24	2.4	0.00166	U	0.00171	U	0.00177	U	0.00172	U	
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	0.000694	U	0.000711	U	0.000737	U	0.000718	U	
Methoxychlor	72-43-5	mg/kg				0.00312	U	0.0032	U	0.00332	U	0.00323	U	
Toxaphene	8001-35-2	mg/kg				0.0312	U	0.032	U	0.0332	U	0.0323	U	
cis-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	0.00433		0.00255	IP	0.00221	U	0.000859	JIP	
trans-Chlordane	5103-74-2	mg/kg				0.00496		0.0047		0.00221	U	0.00109	JIP	
Chlordane	57-74-9	mg/kg				0.0139	U	0.0142	U	0.0147	U	0.0144	U	
Perfluorinated Alkyl Acids by EPA 1633														
Perfluorobutanoic Acid (PFBA)	375-22-4	ug/kg				-	-	-	-	-	-	-	-	
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg				-	-	-	-	-	-	-	-	
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/kg				-	-	-	-	-	-	-	-	
Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/kg				-	-	-	-	-	-	-	-	
Perfluoroheptanoic Acid (PFHpA)	375-85-9	ug/kg				-	-	-	-	-	-	-	-	
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/kg				-	-	-	-	-	-	-	-	
Perfluorooctanoic Acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	-	-	-	-	-	-	-	-	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	ug/kg				-	-	-	-	-	-	-	-	
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/kg				-	-	-	-	-	-	-	-	
Perfluorononanoic Acid (PFNA)	375-95-1	ug/kg				-	-	-	-	-	-	-	-	
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	-	-	-	-	-	-	-	-	
Perfluorodecanoic Acid (PFDA)	335-76-2	ug/kg				-	-	-	-	-	-	-	-	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	ug/kg				-	-	-	-	-	-	-	-	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeF	2355-31-9	ug/kg				-	-	-	-	-	-	-	-	
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg				-	-	-	-	-	-	-	-	
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/kg				-	-	-	-	-	-	-	-	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			PGWSCOs	RRSCOs	USCOs	SB-101 (9.5-10) 4925		SB-102 (4.5-5) 4725		SB-102 (19.5-20) 4725		SB-103 (1.5-2) 4725	SB-
	SAMPLING DATE						4/9/2025		4/7/2025		4/7/2025		4/7/2025	
	LAB SAMPLE ID						L2521706-01		L2520890-03		L2520890-04		L2520890-05	
	SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL	
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/kg				-	-	-	-	-	-	-	-
	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOS	2991-50-6	ug/kg				-	-	-	-	-	-	-	-
	Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/kg				-	-	-	-	-	-	-	-
	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/kg				-	-	-	-	-	-	-	-
	Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/kg				-	-	-	-	-	-	-	-
	PFOA/PFOS, Total	null	ug/kg				-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC														
	Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	0.0517	U	0.0534	U	0.0532	U	0.0528	U
	Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	0.0517	U	0.0534	U	0.0532	U	0.0528	U
	Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	0.0517	U	0.0534	U	0.0532	U	0.0528	U
	Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	0.0517	U	0.0534	U	0.0532	U	0.0528	U
	Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	0.0517	U	0.0534	U	0.0532	U	0.0528	U
	Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	0.0101	J	0.0534	U	0.0532	U	0.0528	U
	Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	0.0105	J	0.0534	U	0.0532	U	0.0528	U
	Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	0.0517	U	0.0534	U	0.0532	U	0.0528	U
	Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	0.0517	U	0.0534	U	0.0532	U	0.0528	U
	PCBs, Total	1336-36-3	mg/kg	3.2	1	0.1	0.0206	J	0.0534	U	0.0532	U	0.0528	U
Semivolatile Organics by GC/MS														
	Acenaphthene	83-32-9	mg/kg	98	100	20	0.12	J	0.14	U	0.15	U	0.15	U
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Hexachlorobenzene	118-74-1	mg/kg	3.2	1.2	0.33	0.11	U	0.11	U	0.11	U	0.11	U
	Bis(2-chloroethyl)ether	111-44-4	mg/kg				0.16	U	0.16	U	0.17	U	0.16	U
	2-Chloronaphthalene	91-58-7	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.18	U	0.18	U	0.19	U	0.18	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.18	U	0.18	U	0.19	U	0.18	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.18	U	0.18	U	0.19	U	0.18	U
	3,3'-Dichlorobenzidine	91-94-1	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	2,4-Dinitrotoluene	121-14-2	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	2,6-Dinitrotoluene	606-20-2	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Fluoranthene	206-44-0	mg/kg	1000	100	100	1.4		0.15		0.11	U	0.25	
	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	4-Bromophenyl phenyl ether	101-55-3	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Bis(2-chloroisopropyl)ether	108-60-1	mg/kg				0.21	U	0.22	U	0.23	U	0.22	U
	Bis(2-chloroethoxy)methane	111-91-1	mg/kg				0.19	U	0.2	U	0.2	U	0.2	U
	Hexachlorobutadiene	87-68-3	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Hexachlorocyclopentadiene	77-47-4	mg/kg				0.5	U	0.52	U	0.54	U	0.52	U
	Hexachloroethane	67-72-1	mg/kg				0.14	U	0.14	U	0.15	U	0.15	U
	Isophorone	78-59-1	mg/kg				0.16	U	0.16	U	0.17	U	0.16	U
	Naphthalene	91-20-3	mg/kg	12	100	12	0.2		0.18	U	0.19	U	0.18	U
	Nitrobenzene	98-95-3	mg/kg				0.16	U	0.16	U	0.17	U	0.16	U
	NDPA/DPA	86-30-6	mg/kg				0.14	U	0.14	U	0.15	U	0.15	U
	n-Nitrosodi-n-propylamine	621-64-7	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Butyl benzyl phthalate	85-68-7	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Di-n-butylphthalate	84-74-2	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Di-n-octylphthalate	117-84-0	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						SB-101 (9.5-10) 4925		SB-102 (4.5-5) 4725		SB-102 (19.5-20) 4725		SB-103 (1.5-2) 4725		SB-
SAMPLING DATE						4/9/2025		4/7/2025		4/7/2025		4/7/2025		
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2521706-01		L2520890-03		L2520890-04		L2520890-05		
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		
		CasNum	Units			Results	Qual	Results	Qual	Results	Qual	Results	Qual	
	Diethyl phthalate	84-66-2	mg/kg			0.18	U	0.18	U	0.19	U	0.18	U	
	Dimethyl phthalate	131-11-3	mg/kg			0.18	U	0.18	U	0.19	U	0.18	U	
	Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	0.81		0.12		0.11	U	0.16	
	Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	0.83		0.16		0.15	U	0.18	
	Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	1		0.17		0.11	U	0.22	
	Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	0.3		0.059	J	0.11	U	0.079	J
	Chrysene	218-01-9	mg/kg	1	3.9	1	0.69		0.12		0.11	U	0.18	
	Acenaphthylene	208-96-8	mg/kg	107	100	100	0.079	J	0.14	U	0.15	U	0.15	U
	Anthracene	120-12-7	mg/kg	1000	100	100	0.31		0.036	J	0.11	U	0.04	J
	Benzo(ghi)perylene	191-24-2	mg/kg	1000	100	100	0.49		0.12	J	0.15	U	0.12	J
	Fluorene	86-73-7	mg/kg	386	100	30	0.11	J	0.18	U	0.19	U	0.18	U
	Phenanthrene	85-01-8	mg/kg	1000	100	100	0.98		0.084	J	0.11	U	0.096	J
	Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.11		0.033	J	0.11	U	0.034	J
	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.45		0.1	J	0.15	U	0.11	J
	Pyrene	129-00-0	mg/kg	1000	100	100	1.3		0.16		0.11	U	0.26	
	Biphenyl	92-52-4	mg/kg				0.4	U	0.42	U	0.43	U	0.42	U
	4-Chloroaniline	106-47-8	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	2-Nitroaniline	88-74-4	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	3-Nitroaniline	99-09-2	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	4-Nitroaniline	100-01-6	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Dibenzofuran	132-64-9	mg/kg	210	59	7	0.066	J	0.18	U	0.19	U	0.18	U
	2-Methylnaphthalene	91-57-6	mg/kg				0.054	J	0.22	U	0.23	U	0.22	U
	1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Acetophenone	98-86-2	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	2,4,6-Trichlorophenol	88-06-2	mg/kg				0.11	U	0.11	U	0.11	U	0.11	U
	p-Chloro-m-cresol	59-50-7	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	2-Chlorophenol	95-57-8	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	2,4-Dichlorophenol	120-83-2	mg/kg				0.16	U	0.16	U	0.17	U	0.16	U
	2,4-Dimethylphenol	105-67-9	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	2-Nitrophenol	88-75-5	mg/kg				0.38	U	0.39	U	0.41	U	0.39	U
	4-Nitrophenol	100-02-7	mg/kg				0.25	U	0.25	U	0.26	U	0.26	U
	2,4-Dinitrophenol	51-28-5	mg/kg				0.85	U	0.87	U	0.91	U	0.88	U
	4,6-Dinitro-o-cresol	534-52-1	mg/kg				0.46	U	0.47	U	0.49	U	0.48	U
	Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	0.14	U	0.14	U	0.15	U	0.15	U
	Phenol	108-95-2	mg/kg	0.33	100	0.33	0.18	U	0.18	U	0.19	U	0.18	U
	2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	0.18	U	0.18	U	0.19	U	0.18	U
	3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	0.33	100	0.33	0.25	U	0.26	U	0.27	U	0.26	U
	2,4,5-Trichlorophenol	95-95-4	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Benzoic Acid	65-85-0	mg/kg				0.57	U	0.59	U	0.61	U	0.59	U
	Benzyl Alcohol	100-51-6	mg/kg				0.18	U	0.18	U	0.19	U	0.18	U
	Carbazole	86-74-8	mg/kg				0.12	J	0.18	U	0.19	U	0.18	U
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.026	U	0.027	U	0.028	U	0.027	U
Total Metals														
	Aluminum, Total	7429-90-5	mg/kg				7730		5790		6620		7690	
	Antimony, Total	7440-36-0	mg/kg				4.2	U	4.33	U	4.47	U	4.32	U
	Arsenic, Total	7440-38-2	mg/kg	16	16	13	1.28		1.99		0.774	J	1.86	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						SB-101 (9.5-10) 4925		SB-102 (4.5-5) 4725		SB-102 (19.5-20) 4725		SB-103 (1.5-2) 4725		SB-
SAMPLING DATE						4/9/2025		4/7/2025		4/7/2025		4/7/2025		
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2521706-01		L2520890-03		L2520890-04		L2520890-05		
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	
Barium, Total	7440-39-3	mg/kg	820	400	350	63.8		84.6		86.7		80.5		
Beryllium, Total	7440-41-7	mg/kg	47	72	7.2	0.136	J	0.166	J	0.076	J	0.312	J	
Cadmium, Total	7440-43-9	mg/kg	7.5	4.3	2.5	0.197	J	0.2	J	0.145	J	0.279	J	
Calcium, Total	7440-70-2	mg/kg				4050		9210		9730		6490		
Chromium, Total	7440-47-3	mg/kg		180	30	12.3		11.8		25.2		21.3		
Cobalt, Total	7440-48-4	mg/kg				6.44		7.63		6.22		5.95		
Copper, Total	7440-50-8	mg/kg	1720	270	50	29.3		22.5		18.8		29.6		
Iron, Total	7439-89-6	mg/kg				12400		9660		12600		13000		
Lead, Total	7439-92-1	mg/kg	450	400	63	25.3		102		2.04	J	87.5		
Magnesium, Total	7439-95-4	mg/kg				4680		3790		8840		4940		
Manganese, Total	7439-96-5	mg/kg	2000	2000	1600	442		827		119		174		
Mercury, Total	7439-97-6	mg/kg	0.73	0.81	0.18	0.12		0.185		0.089	U	0.203		
Nickel, Total	7440-02-0	mg/kg	130	310	30	11.9		7.79		15.2		13.5		
Potassium, Total	7440-09-7	mg/kg				1350		1420		2610		2010		
Selenium, Total	7782-49-2	mg/kg	4	180	3.9	1.68	U	1.73	U	1.79	U	1.73	U	
Silver, Total	7440-22-4	mg/kg	8.3	180	2	0.42	U	0.433	U	0.447	U	0.432	U	
Sodium, Total	7440-23-5	mg/kg				269		234		351		1760		
Thallium, Total	7440-28-0	mg/kg				1.68	U	1.73	U	1.79	U	1.73	U	
Vanadium, Total	7440-62-2	mg/kg				23.8		17.4		23.8		23.6		
Zinc, Total	7440-66-6	mg/kg	2480	10000	109	37.8		66.3		27.3		115		
Volatile Organics by EPA 5035														
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	0.0046	U	0.0069	U	0.0052	U	0.0049	U	
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	0.00092	U	0.0014	U	0.001	U	0.00099	U	
Chloroform	67-66-3	mg/kg	0.37	49	0.37	0.0014	U	0.0021	U	0.0016	U	0.0015	U	
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	0.00092	U	0.0014	U	0.001	U	0.00099	U	
1,2-Dichloropropane	78-87-5	mg/kg				0.00092	U	0.0014	U	0.001	U	0.00099	U	
Dibromochloromethane	124-48-1	mg/kg				0.00092	U	0.0014	U	0.001	U	0.00099	U	
1,1,2-Trichloroethane	79-00-5	mg/kg				0.00092	U	0.0014	U	0.001	U	0.00099	U	
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	0.00046	U	0.00069	U	0.00052	U	0.00049	U	
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	0.00046	U	0.00069	U	0.00052	U	0.00049	U	
Trichlorofluoromethane	75-69-4	mg/kg				0.0037	U	0.0056	U	0.0042	U	0.004	U	
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	0.00092	U	0.0014	U	0.001	U	0.00099	U	
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	0.00046	U	0.00069	U	0.00052	U	0.00049	U	
Bromodichloromethane	75-27-4	mg/kg				0.00046	U	0.00069	U	0.00052	U	0.00049	U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg				0.00092	U	0.0014	U	0.001	U	0.00099	U	
cis-1,3-Dichloropropene	10061-01-5	mg/kg				0.00046	U	0.00069	U	0.00052	U	0.00049	U	
1,3-Dichloropropene, Total	542-75-6	mg/kg				0.00046	U	0.00069	U	0.00052	U	0.00049	U	
1,1-Dichloropropene	563-58-6	mg/kg				0.00046	U	0.00069	U	0.00052	U	0.00049	U	
Bromoform	75-25-2	mg/kg				0.0037	U	0.0056	U	0.0042	U	0.004	U	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				0.00046	U	0.00069	U	0.00052	U	0.00049	U	
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	0.00046	U	0.00069	U	0.00052	U	0.00049	U	
Toluene	108-88-3	mg/kg	0.7	100	0.7	0.00092	U	0.0014	U	0.001	U	0.00099	U	
Ethylbenzene	100-41-4	mg/kg	1	41	1	0.00092	U	0.0014	U	0.001	U	0.00099	U	
Chloromethane	74-87-3	mg/kg				0.0037	U	0.0056	U	0.0042	U	0.004	U	
Bromomethane	74-83-9	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U	
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	0.00092	U	0.0014	U	0.001	U	0.00099	U	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						SB-101 (9.5-10) 4925		SB-102 (4.5-5) 4725		SB-102 (19.5-20) 4725		SB-103 (1.5-2) 4725		SB-
SAMPLING DATE						4/9/2025		4/7/2025		4/7/2025		4/7/2025		
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2521706-01		L2520890-03		L2520890-04		L2520890-05		
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		
		CasNum	Units			Results	Qual	Results	Qual	Results	Qual	Results	Qual	
	Chloroethane	75-00-3	mg/kg			0.0018	U	0.0028	U	0.0021	U	0.002	U	
	1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	0.00092	U	0.0014	U	0.001	U	0.00099	U
	trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	0.0014	U	0.0021	U	0.0016	U	0.0015	U
	Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	0.00046	U	0.00069	U	0.00052	U	0.00049	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.0018	U	0.0028	U	0.0021	U	0.002	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.0018	U	0.0028	U	0.0021	U	0.002	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.0018	U	0.0028	U	0.0021	U	0.002	U
	Methyl tert butyl ether	1634-04-4	mg/kg	0.93	100	0.93	0.0018	U	0.0028	U	0.0021	U	0.002	U
	p/m-Xylene	179601-23-1	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	o-Xylene	95-47-6	mg/kg				0.00092	U	0.0014	U	0.001	U	0.00099	U
	Xylenes, Total	1330-20-7	mg/kg	1.6	100	0.26	0.00092	U	0.0014	U	0.001	U	0.00099	U
	cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	0.00092	U	0.0014	U	0.001	U	0.00099	U
	1,2-Dichloroethene, Total	540-59-0	mg/kg				0.00092	U	0.0014	U	0.001	U	0.00099	U
	Dibromomethane	74-95-3	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	Styrene	100-42-5	mg/kg				0.00092	U	0.0014	U	0.001	U	0.00099	U
	Dichlorodifluoromethane	75-71-8	mg/kg				0.0092	U	0.014	U	0.01	U	0.0099	U
	Acetone	67-64-1	mg/kg	0.05	100	0.05	0.0092	U	0.014	U	0.0065	J	0.0064	J
	Carbon disulfide	75-15-0	mg/kg				0.0092	U	0.014	U	0.01	U	0.0099	U
	2-Butanone	78-93-3	mg/kg	0.12	100	0.12	0.0092	U	0.014	U	0.01	U	0.0099	U
	Vinyl acetate	108-05-4	mg/kg				0.0092	U	0.014	U	0.01	U	0.0099	U
	4-Methyl-2-pentanone	108-10-1	mg/kg				0.0092	U	0.014	U	0.01	U	0.0099	U
	1,2,3-Trichloropropane	96-18-4	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	2-Hexanone	591-78-6	mg/kg				0.0092	U	0.014	U	0.01	U	0.0099	U
	Bromochloromethane	74-97-5	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	2,2-Dichloropropane	594-20-7	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	1,2-Dibromoethane	106-93-4	mg/kg				0.00092	U	0.0014	U	0.001	U	0.00099	U
	1,3-Dichloropropane	142-28-9	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	1,1,1,2-Tetrachloroethane	630-20-6	mg/kg				0.00046	U	0.00069	U	0.00052	U	0.00049	U
	Bromobenzene	108-86-1	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	n-Butylbenzene	104-51-8	mg/kg	12	100	12	0.00092	U	0.0014	U	0.001	U	0.00099	U
	sec-Butylbenzene	135-98-8	mg/kg	11	100	11	0.00092	U	0.0014	U	0.001	U	0.00099	U
	tert-Butylbenzene	98-06-6	mg/kg	5.9	100	5.9	0.0018	U	0.0028	U	0.0021	U	0.002	U
	o-Chlorotoluene	95-49-8	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	p-Chlorotoluene	106-43-4	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				0.0028	U	0.0042	U	0.0032	U	0.003	U
	Hexachlorobutadiene	87-68-3	mg/kg				0.0037	U	0.0056	U	0.0042	U	0.004	U
	Isopropylbenzene	98-82-8	mg/kg				0.00092	U	0.0014	U	0.001	U	0.00099	U
	p-Isopropyltoluene	99-87-6	mg/kg				0.00092	U	0.0014	U	0.001	U	0.00099	U
	Naphthalene	91-20-3	mg/kg	12	100	12	0.0037	U	0.0056	U	0.0042	U	0.004	U
	Acrylonitrile	107-13-1	mg/kg				0.0037	U	0.0056	U	0.0042	U	0.004	U
	n-Propylbenzene	103-65-1	mg/kg	3.9	100	3.9	0.00092	U	0.0014	U	0.001	U	0.00099	U
	1,2,3-Trichlorobenzene	87-61-6	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U
	1,3,5-Trimethylbenzene	108-67-8	mg/kg	8.4	52	8.4	0.0018	U	0.0028	U	0.0021	U	0.002	U
	1,2,4-Trimethylbenzene	95-63-6	mg/kg	3.6	52	3.6	0.0018	U	0.0028	U	0.0021	U	0.002	U
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.074	U	0.11	U	0.084	U	0.079	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			PGWSCOs	RRSCOs	USCOs	SB-101 (9.5-10) 4925		SB-102 (4.5-5) 4725		SB-102 (19.5-20) 4725		SB-103 (1.5-2) 4725		SB-
	SAMPLING DATE						4/9/2025		4/7/2025		4/7/2025		4/7/2025		
	LAB SAMPLE ID						L2521706-01		L2520890-03		L2520890-04		L2520890-05		
	SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	
	p-Diethylbenzene	105-05-5	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U	
	p-Ethyltoluene	622-96-8	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U	
	1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U	
	Ethyl ether	60-29-7	mg/kg				0.0018	U	0.0028	U	0.0021	U	0.002	U	
	trans-1,4-Dichloro-2-butene	110-57-6	mg/kg				0.0046	U	0.0069	U	0.0052	U	0.0049	U	

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						103 (19.5-20) 4725		SB-105 (1-1.5) 4725		SB-105 (19.5-20) 4725		SB-106 (0.5-1) 4725		SB-106 (0.5-1) 4725		SB-
SAMPLING DATE						4/7/2025		4/7/2025		4/7/2025		4/7/2025		4/7/2025		
LAB SAMPLE ID						L2520890-06		L2520890-07		L2520890-08		L2520890-09		L2520890-09 R1		
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL		
		CasNum	Units	PGWSCOs	RRSCOs	USCOs	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																
	Solids, Total	NONE	%				86.7		93.8		87.4		91		-	-
	Cyanide, Total	57-12-5	mg/kg	40	27	27	1.1	U	0.98	U	1.1	U	1.1	U	-	-
Organochlorine Pesticides by GC																
	Delta-BHC	319-86-8	mg/kg	0.25	100	0.04	0.00175	U	0.00169	U	0.00179	U	0.0017	U	-	-
	Lindane	58-89-9	mg/kg	0.1	1.3	0.1	0.000731	U	0.000703	U	0.000745	U	0.00071	U	-	-
	Alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	0.000731	U	0.000703	U	0.000745	U	0.00071	U	-	-
	Beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	0.00175	U	0.00169	U	0.00179	U	0.0017	U	-	-
	Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	0.000877	U	0.000844	U	0.000894	U	0.000852	U	-	-
	Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	0.00175	U	0.00169	U	0.00179	U	0.0017	U	-	-
	Heptachlor epoxide	1024-57-3	mg/kg				0.00329	U	0.00316	U	0.00335	U	0.00319	U	-	-
	Endrin	72-20-8	mg/kg	0.06	11	0.014	0.000731	U	0.000703	U	0.000745	U	0.00071	U	-	-
	Endrin aldehyde	7421-93-4	mg/kg				0.00219	U	0.00211	U	0.00224	U	0.00213	U	-	-
	Endrin ketone	53494-70-5	mg/kg				0.00175	U	0.00169	U	0.00179	U	0.0017	U	-	-
	Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	0.0011	U	0.00105	U	0.00112	U	0.000764	J	-	-
	4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	0.00175	U	0.00169	U	0.00179	U	0.0017	U	-	-
	4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	0.00175	U	0.000648	J	0.00179	U	0.0017	U	-	-
	4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.00175	U	0.00169	U	0.00179	U	0.0017	U	-	-
	Endosulfan I	959-98-8	mg/kg	102	24	2.4	0.00175	U	0.00169	U	0.00179	U	0.0017	U	-	-
	Endosulfan II	33213-65-9	mg/kg	102	24	2.4	0.00175	U	0.00169	U	0.00179	U	0.0017	U	-	-
	Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	0.000731	U	0.000703	U	0.000745	U	0.00071	U	-	-
	Methoxychlor	72-43-5	mg/kg				0.00329	U	0.00316	U	0.00335	U	0.00319	U	-	-
	Toxaphene	8001-35-2	mg/kg				0.0329	U	0.0316	U	0.0335	U	0.0319	U	-	-
	cis-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	0.00219	U	0.00121	J	0.00224	U	0.000931	J	-	-
	trans-Chlordane	5103-74-2	mg/kg				0.00219	U	0.00204	J	0.00224	U	0.00176	J	-	-
	Chlordane	57-74-9	mg/kg				0.0146	U	0.0141	U	0.0149	U	0.0142	U	-	-
Perfluorinated Alkyl Acids by EPA 1633																
	Perfluorobutanoic Acid (PFBA)	375-22-4	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluoroheptanoic Acid (PFHpA)	375-85-9	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorooctanoic Acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	-	-	-	-	-	-	-	-	-	-
	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorononanoic Acid (PFNA)	375-95-1	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	-	-	-	-	-	-	-	-	-	-
	Perfluorodecanoic Acid (PFDA)	335-76-2	ug/kg				-	-	-	-	-	-	-	-	-	-
	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	ug/kg				-	-	-	-	-	-	-	-	-	-
	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeF	2355-31-9	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg				-	-	-	-	-	-	-	-	-	-
	Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/kg				-	-	-	-	-	-	-	-	-	-

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Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						103 (19.5-20) 4725		SB-105 (1-1.5) 4725		SB-105 (19.5-20) 4725		SB-106 (0.5-1) 4725		SB-106 (0.5-1) 4725		SB-
SAMPLING DATE						4/7/2025		4/7/2025		4/7/2025		4/7/2025		4/7/2025		
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2520890-06		L2520890-07		L2520890-08		L2520890-09		L2520890-09 R1		
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL		
		CasNum	Units			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
	Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/kg			-	-	-	-	-	-	-	-	-	-	
	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOS	2991-50-6	ug/kg			-	-	-	-	-	-	-	-	-	-	
	Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/kg			-	-	-	-	-	-	-	-	-	-	
	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/kg			-	-	-	-	-	-	-	-	-	-	
	Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/kg			-	-	-	-	-	-	-	-	-	-	
	PFOA/PFOS, Total	null	ug/kg			-	-	-	-	-	-	-	-	-	-	
Polychlorinated Biphenyls by GC																
	Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	0.0539	U	0.0502	U	0.0548	U	0.0536	U	-	-
	Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	0.0539	U	0.0502	U	0.0548	U	0.0536	U	-	-
	Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	0.0539	U	0.0502	U	0.0548	U	0.0536	U	-	-
	Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	0.02	J	0.0502	U	0.0548	U	0.0536	U	-	-
	Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	0.0539	U	0.0502	U	0.0548	U	0.0536	U	-	-
	Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	0.0539	U	0.0502	U	0.0548	U	0.0536	U	-	-
	Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	0.0539	U	0.0502	U	0.0548	U	0.0536	U	-	-
	Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	0.0539	U	0.0502	U	0.0548	U	0.0536	U	-	-
	Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	0.0539	U	0.0502	U	0.0548	U	0.0536	U	-	-
	PCBs, Total	1336-36-3	mg/kg	3.2	1	0.1	0.02	J	0.0502	U	0.0548	U	0.0536	U	-	-
Semivolatile Organics by GC/MS																
	Acenaphthene	83-32-9	mg/kg	98	100	20	0.15	U	0.022	J	0.15	U	0.14	U	0.053	J
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Hexachlorobenzene	118-74-1	mg/kg	3.2	1.2	0.33	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U
	Bis(2-chloroethyl)ether	111-44-4	mg/kg				0.17	U	0.16	U	0.17	U	0.16	U	0.16	U
	2-Chloronaphthalene	91-58-7	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	3,3'-Dichlorobenzidine	91-94-1	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	2,4-Dinitrotoluene	121-14-2	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	2,6-Dinitrotoluene	606-20-2	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Fluoranthene	206-44-0	mg/kg	1000	100	100	0.11	U	1.1		0.11	U	0.23		0.46	
	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	4-Bromophenyl phenyl ether	101-55-3	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Bis(2-chloroisopropyl)ether	108-60-1	mg/kg				0.23	U	0.21	U	0.22	U	0.22	U	0.22	U
	Bis(2-chloroethoxy)methane	111-91-1	mg/kg				0.2	U	0.19	U	0.2	U	0.19	U	0.2	U
	Hexachlorobutadiene	87-68-3	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Hexachlorocyclopentadiene	77-47-4	mg/kg				0.54	U	0.5	U	0.53	U	0.51	U	0.52	U
	Hexachloroethane	67-72-1	mg/kg				0.15	U	0.14	U	0.15	U	0.14	U	0.14	U
	Isophorone	78-59-1	mg/kg				0.17	U	0.16	U	0.17	U	0.16	U	0.16	U
	Naphthalene	91-20-3	mg/kg	12	100	12	0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Nitrobenzene	98-95-3	mg/kg				0.17	U	0.16	U	0.17	U	0.16	U	0.16	U
	NDPA/DPA	86-30-6	mg/kg				0.15	U	0.14	U	0.15	U	0.14	U	0.14	U
	n-Nitrosodi-n-propylamine	621-64-7	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Butyl benzyl phthalate	85-68-7	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Di-n-butylphthalate	84-74-2	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Di-n-octylphthalate	117-84-0	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U

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Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						103 (19.5-20) 4725		SB-105 (1-1.5) 4725		SB-105 (19.5-20) 4725		SB-106 (0.5-1) 4725		SB-106 (0.5-1) 4725		SB-
SAMPLING DATE						4/7/2025		4/7/2025		4/7/2025		4/7/2025		4/7/2025		
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2520890-06		L2520890-07		L2520890-08		L2520890-09		L2520890-09 R1		
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL		
		CasNum	Units			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
	Diethyl phthalate	84-66-2	mg/kg			0.19	U	0.17	U	0.19	U	0.18	U	0.18	U	
	Dimethyl phthalate	131-11-3	mg/kg			0.19	U	0.17	U	0.19	U	0.18	U	0.18	U	
	Benzo(a)anthracene	56-55-3	mg/kg	1	1	0.11	U	0.84		0.11	U	0.16		0.23		
	Benzo(a)pyrene	50-32-8	mg/kg	22	1	0.15	U	1.1		0.15	U	0.16		0.24		
	Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	0.11	U	1.2		0.11	U	0.19		0.32		
	Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.11	U	0.37		0.11	U	0.054	J	0.098	J	
	Chrysene	218-01-9	mg/kg	1	3.9	0.11	U	0.91		0.11	U	0.16		0.26		
	Acenaphthylene	208-96-8	mg/kg	107	100	0.15	U	0.14	U	0.15	U	0.14	U	0.14	U	
	Anthracene	120-12-7	mg/kg	1000	100	0.11	U	0.094	J	0.11	U	0.038	J	0.056	J	
	Benzo(ghi)perylene	191-24-2	mg/kg	1000	100	0.15	U	0.67		0.15	U	0.11	J	0.17		
	Fluorene	86-73-7	mg/kg	386	100	30	0.19	U	0.019	J	0.19	U	0.18	U	0.026	J
	Phenanthrene	85-01-8	mg/kg	1000	100	100	0.11	U	0.29		0.11	U	0.12		0.25	
	Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.11	U	0.15		0.11	U	0.03	J	0.038	J
	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.15	U	0.58		0.15	U	0.086	J	0.16	
	Pyrene	129-00-0	mg/kg	1000	100	100	0.11	U	1.1		0.11	U	0.24		0.42	
	Biphenyl	92-52-4	mg/kg				0.43	U	0.4	U	0.42	U	0.41	U	0.41	U
	4-Chloroaniline	106-47-8	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	2-Nitroaniline	88-74-4	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	3-Nitroaniline	99-09-2	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	4-Nitroaniline	100-01-6	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Dibenzofuran	132-64-9	mg/kg	210	59	7	0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	2-Methylnaphthalene	91-57-6	mg/kg				0.23	U	0.21	U	0.22	U	0.22	U	0.22	U
	1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Acetophenone	98-86-2	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	2,4,6-Trichlorophenol	88-06-2	mg/kg				0.11	U	0.1	U	0.11	U	0.11	U	0.11	U
	p-Chloro-m-cresol	59-50-7	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	2-Chlorophenol	95-57-8	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	2,4-Dichlorophenol	120-83-2	mg/kg				0.17	U	0.16	U	0.17	U	0.16	U	0.16	U
	2,4-Dimethylphenol	105-67-9	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	2-Nitrophenol	88-75-5	mg/kg				0.41	U	0.38	U	0.4	U	0.39	U	0.39	U
	4-Nitrophenol	100-02-7	mg/kg				0.26	U	0.24	U	0.26	U	0.25	U	0.25	U
	2,4-Dinitrophenol	51-28-5	mg/kg				0.91	U	0.84	U	0.9	U	0.86	U	0.87	U
	4,6-Dinitro-o-cresol	534-52-1	mg/kg				0.49	U	0.45	U	0.48	U	0.47	U	0.47	U
	Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	0.15	U	0.14	U	0.15	U	0.14	U	0.14	U
	Phenol	108-95-2	mg/kg	0.33	100	0.33	0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	0.33	100	0.33	0.27	U	0.25	U	0.27	U	0.26	U	0.26	U
	2,4,5-Trichlorophenol	95-95-4	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Benzoic Acid	65-85-0	mg/kg				0.62	U	0.57	U	0.6	U	0.58	U	0.59	U
	Benzyl Alcohol	100-51-6	mg/kg				0.19	U	0.17	U	0.19	U	0.18	U	0.18	U
	Carbazole	86-74-8	mg/kg				0.19	U	0.028	J	0.19	U	0.18	U	0.037	J
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.028	U	0.026	U	0.028	U	0.027	U	0.027	U
Total Metals																
	Aluminum, Total	7429-90-5	mg/kg				3710		7520		5260		7900		-	-
	Antimony, Total	7440-36-0	mg/kg				4.4	U	4.14	U	4.51	U	4.18	U	-	-
	Arsenic, Total	7440-38-2	mg/kg	16	16	13	0.998		2.2		0.677	J	1.97		-	-

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						103 (19.5-20) 4725		SB-105 (1-1.5) 4725		SB-105 (19.5-20) 4725		SB-106 (0.5-1) 4725		SB-106 (0.5-1) 4725		SB-
SAMPLING DATE						4/7/2025		4/7/2025		4/7/2025		4/7/2025		4/7/2025		
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2520890-06		L2520890-07		L2520890-08		L2520890-09		L2520890-09 R1		
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL		
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
Barium, Total	7440-39-3	mg/kg	820	400	350	38.7		68.3		87.8		71.6		-	-	
Beryllium, Total	7440-41-7	mg/kg	47	72	7.2	0.11	J	0.204	J	0.099	J	0.206	J	-	-	
Cadmium, Total	7440-43-9	mg/kg	7.5	4.3	2.5	0.88	U	0.08	J	0.119	J	0.198	J	-	-	
Calcium, Total	7440-70-2	mg/kg				25800		21600		11100		11200		-	-	
Chromium, Total	7440-47-3	mg/kg		180	30	24.9		25.2		13.1		17.8		-	-	
Cobalt, Total	7440-48-4	mg/kg				4.73		4.96		5.97		5.68		-	-	
Copper, Total	7440-50-8	mg/kg	1720	270	50	17		21.8		23.5		20.4		-	-	
Iron, Total	7439-89-6	mg/kg				9100		11800		10600		13300		-	-	
Lead, Total	7439-92-1	mg/kg	450	400	63	2.54	J	35.1		2.04	J	51.8		-	-	
Magnesium, Total	7439-95-4	mg/kg				14400		4460		8240		6530		-	-	
Manganese, Total	7439-96-5	mg/kg	2000	2000	1600	135		194		110		218		-	-	
Mercury, Total	7439-97-6	mg/kg	0.73	0.81	0.18	0.076	U	0.074	J	0.089	U	0.478		-	-	
Nickel, Total	7440-02-0	mg/kg	130	310	30	13.8		9.9		9.84		10.7		-	-	
Potassium, Total	7440-09-7	mg/kg				1000		1580		2170		2040		-	-	
Selenium, Total	7782-49-2	mg/kg	4	180	3.9	1.76	U	1.66	U	1.8	U	1.67	U	-	-	
Silver, Total	7440-22-4	mg/kg	8.3	180	2	0.44	U	0.414	U	0.451	U	0.418	U	-	-	
Sodium, Total	7440-23-5	mg/kg				192		520		304		213		-	-	
Thallium, Total	7440-28-0	mg/kg				1.76	U	1.66	U	1.8	U	1.67	U	-	-	
Vanadium, Total	7440-62-2	mg/kg				13.2		23.5		20.2		24.3		-	-	
Zinc, Total	7440-66-6	mg/kg	2480	10000	109	17.3		49.7		22		51.2		-	-	
Volatile Organics by EPA 5035																
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	0.0048	U	0.0048	U	0.0054	U	0.0062	U	-	-	
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
Chloroform	67-66-3	mg/kg	0.37	49	0.37	0.0014	U	0.0014	U	0.0016	U	0.0019	U	-	-	
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
1,2-Dichloropropane	78-87-5	mg/kg				0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
Dibromochloromethane	124-48-1	mg/kg				0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
1,1,2-Trichloroethane	79-00-5	mg/kg				0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
Trichlorofluoromethane	75-69-4	mg/kg				0.0039	U	0.0039	U	0.0044	U	0.005	U	-	-	
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
Bromodichloromethane	75-27-4	mg/kg				0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
trans-1,3-Dichloropropene	10061-02-6	mg/kg				0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
cis-1,3-Dichloropropene	10061-01-5	mg/kg				0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
1,3-Dichloropropene, Total	542-75-6	mg/kg				0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
1,1-Dichloropropene	563-58-6	mg/kg				0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
Bromoform	75-25-2	mg/kg				0.0039	U	0.0039	U	0.0044	U	0.005	U	-	-	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
Toluene	108-88-3	mg/kg	0.7	100	0.7	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
Ethylbenzene	100-41-4	mg/kg	1	41	1	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
Chloromethane	74-87-3	mg/kg				0.0039	U	0.0039	U	0.0044	U	0.005	U	-	-	
Bromomethane	74-83-9	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						SB-103 (19.5-20) 4725		SB-105 (1-1.5) 4725		SB-105 (19.5-20) 4725		SB-106 (0.5-1) 4725		SB-106 (0.5-1) 4725		SB-
SAMPLING DATE						4/7/2025		4/7/2025		4/7/2025		4/7/2025		4/7/2025		
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2520890-06		L2520890-07		L2520890-08		L2520890-09		L2520890-09 R1		
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL		
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
Chloroethane	75-00-3	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	0.0014	U	0.0014	U	0.0016	U	0.0019	U	-	-	
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
Methyl tert butyl ether	1634-04-4	mg/kg	0.93	100	0.93	0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
p/m-Xylene	179601-23-1	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
o-Xylene	95-47-6	mg/kg				0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
Xylenes, Total	1330-20-7	mg/kg	1.6	100	0.26	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
1,2-Dichloroethene, Total	540-59-0	mg/kg				0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
Dibromomethane	74-95-3	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
Styrene	100-42-5	mg/kg				0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
Dichlorodifluoromethane	75-71-8	mg/kg				0.0096	U	0.0096	U	0.011	U	0.012	U	-	-	
Acetone	67-64-1	mg/kg	0.05	100	0.05	0.0067	J	0.027		0.0079	J	0.012		-	-	
Carbon disulfide	75-15-0	mg/kg				0.0096	U	0.0096	U	0.011	U	0.012	U	-	-	
2-Butanone	78-93-3	mg/kg	0.12	100	0.12	0.0096	U	0.003	J	0.011	U	0.012	U	-	-	
Vinyl acetate	108-05-4	mg/kg				0.0096	U	0.0096	U	0.011	U	0.012	U	-	-	
4-Methyl-2-pentanone	108-10-1	mg/kg				0.0096	U	0.0096	U	0.011	U	0.012	U	-	-	
1,2,3-Trichloropropane	96-18-4	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
2-Hexanone	591-78-6	mg/kg				0.0096	U	0.0096	U	0.011	U	0.012	U	-	-	
Bromochloromethane	74-97-5	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
2,2-Dichloropropane	594-20-7	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
1,2-Dibromoethane	106-93-4	mg/kg				0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
1,3-Dichloropropane	142-28-9	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg				0.00048	U	0.00048	U	0.00054	U	0.00062	U	-	-	
Bromobenzene	108-86-1	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
n-Butylbenzene	104-51-8	mg/kg	12	100	12	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
sec-Butylbenzene	135-98-8	mg/kg	11	100	11	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
tert-Butylbenzene	98-06-6	mg/kg	5.9	100	5.9	0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
o-Chlorotoluene	95-49-8	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
p-Chlorotoluene	106-43-4	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				0.0029	U	0.0029	U	0.0033	U	0.0037	U	-	-	
Hexachlorobutadiene	87-68-3	mg/kg				0.0039	U	0.0039	U	0.0044	U	0.005	U	-	-	
Isopropylbenzene	98-82-8	mg/kg				0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
p-Isopropyltoluene	99-87-6	mg/kg				0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
Naphthalene	91-20-3	mg/kg	12	100	12	0.0039	U	0.0039	U	0.0044	U	0.005	U	-	-	
Acrylonitrile	107-13-1	mg/kg				0.0039	U	0.0039	U	0.0044	U	0.005	U	-	-	
n-Propylbenzene	103-65-1	mg/kg	3.9	100	3.9	0.00096	U	0.00096	U	0.0011	U	0.0012	U	-	-	
1,2,3-Trichlorobenzene	87-61-6	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
1,3,5-Trimethylbenzene	108-67-8	mg/kg	8.4	52	8.4	0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
1,2,4-Trimethylbenzene	95-63-6	mg/kg	3.6	52	3.6	0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.077	U	0.077	U	0.087	U	0.099	U	-	-	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				PGWSCOs	RRSCOs	USCOs	103 (19.5-20) 4725		SB-105 (1-1.5) 4725		SB-105 (19.5-20) 4725		SB-106 (0.5-1) 4725		SB-106 (0.5-1) 4725		SB-
SAMPLING DATE							4/7/2025		4/7/2025		4/7/2025		4/7/2025		4/7/2025		
LAB SAMPLE ID							L2520890-06		L2520890-07		L2520890-08		L2520890-09		L2520890-09 R1		
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL		SOIL		
		CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	
	p-Diethylbenzene	105-05-5	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
	p-Ethyltoluene	622-96-8	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
	1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
	Ethyl ether	60-29-7	mg/kg				0.0019	U	0.0019	U	0.0022	U	0.0025	U	-	-	
	trans-1,4-Dichloro-2-butene	110-57-6	mg/kg				0.0048	U	0.0048	U	0.0054	U	0.0062	U	-	-	

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**106 (19.5-20) 4725**		**SB-104 (1-1.5) 4825**		**SB-104 (8.5-9) 4825**		**SB-102 (4.5-5) 4725**		**SB-102 (9.5-10) 4925**
	SAMPLING DATE						**4/7/2025**		**4/8/2025**		**4/8/2025**		**4/7/2025**		**4/9/2025**
	LAB SAMPLE ID						**L2520890-10**		**L2521251-01**		**L2521251-02**		**L2520890-03**		**L2521706-02**
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**
General Chemistry															
	Solids, Total	NONE	%				84.5		83.5		91.8		90.4		93.3
	Cyanide, Total	57-12-5	mg/kg	40	27	27	1.1	U	1.1	U	1.1	U	1	U	0.99
Organochlorine Pesticides by GC															
	Delta-BHC	319-86-8	mg/kg	0.25	100	0.04	0.00188	U	0.00188	U	0.0017	U	0.00171	U	0.00167
	Lindane	58-89-9	mg/kg	0.1	1.3	0.1	0.000784	U	0.000784	U	0.000708	U	0.000711	U	0.000694
	Alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	0.000784	U	0.000784	U	0.000708	U	0.000711	U	0.000694
	Beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	0.00188	U	0.00188	U	0.0017	U	0.00171	U	0.00167
	Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	0.00094	U	0.00094	U	0.000849	U	0.000853	U	0.000833
	Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	0.00188	U	0.00188	U	0.0017	U	0.00171	U	0.00167
	Heptachlor epoxide	1024-57-3	mg/kg				0.00353	U	0.00353	U	0.00318	U	0.0032	U	0.00312
	Endrin	72-20-8	mg/kg	0.06	11	0.014	0.000784	U	0.000784	U	0.000708	U	0.000711	U	0.000694
	Endrin aldehyde	7421-93-4	mg/kg				0.00235	U	0.00235	U	0.00212	U	0.00213	U	0.00208
	Endrin ketone	53494-70-5	mg/kg				0.00188	U	0.00188	U	0.0017	U	0.00171	U	0.00167
	Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	0.00118	U	0.00118	U	0.00106	U	0.00107	U	0.00104
	4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	0.00188	U	0.00188	U	0.0017	U	0.00171	U	0.00167
	4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	0.00188	U	0.00188	U	0.0017	U	0.00247		0.00167
	4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.00188	U	0.00188	U	0.0017	U	0.00171	U	0.00167
	Endosulfan I	959-98-8	mg/kg	102	24	2.4	0.00188	U	0.00188	U	0.0017	U	0.00171	U	0.00167
	Endosulfan II	33213-65-9	mg/kg	102	24	2.4	0.00188	U	0.00188	U	0.0017	U	0.00171	U	0.00167
	Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	0.000784	U	0.000784	U	0.000708	U	0.000711	U	0.000694
	Methoxychlor	72-43-5	mg/kg				0.00353	U	0.00353	U	0.00318	U	0.0032	U	0.00312
	Toxaphene	8001-35-2	mg/kg				0.0353	U	0.0353	U	0.0318	U	0.032	U	0.0312
	cis-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	0.00235	U	0.00262		0.00212	U	0.00255	IP	0.00208
	trans-Chlordane	5103-74-2	mg/kg				0.00235	U	0.00202	JIP	0.00212	U	0.0047		0.00208
	Chlordane	57-74-9	mg/kg				0.0157	U	0.0157	U	0.0142	U	0.0142	U	0.0139
Perfluorinated Alkyl Acids by EPA 1633															
	Perfluorobutanoic Acid (PFBA)	375-22-4	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluoroheptanoic Acid (PFHpA)	375-85-9	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorooctanoic Acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	-	-	-	-	-	-	-	-	-
	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorononanoic Acid (PFNA)	375-95-1	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	-	-	-	-	-	-	-	-	-
	Perfluorodecanoic Acid (PFDA)	335-76-2	ug/kg				-	-	-	-	-	-	-	-	-
	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	ug/kg				-	-	-	-	-	-	-	-	-
	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeF	2355-31-9	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/kg				-	-	-	-	-	-	-	-	-

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**106 (19.5-20) 4725**		**SB-104 (1-1.5) 4825**		**SB-104 (8.5-9) 4825**		**SB-102 (4.5-5) 4725**		**SB-102 (9.5-10) 4925**
	SAMPLING DATE						**4/7/2025**		**4/8/2025**		**4/8/2025**		**4/7/2025**		**4/9/2025**
	LAB SAMPLE ID						**L2520890-10**		**L2521251-01**		**L2521251-02**		**L2520890-03**		**L2521706-02**
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**
	Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/kg				-	-	-	-	-	-	-	-	-
	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOS	2991-50-6	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/kg				-	-	-	-	-	-	-	-	-
	PFOA/PFOS, Total	null	ug/kg				-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC															
	Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	0.0566	U	0.0552	U	0.0497	U	0.0534	U	0.0496
	Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	0.0566	U	0.0552	U	0.0497	U	0.0534	U	0.0496
	Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	0.0566	U	0.0552	U	0.0497	U	0.0534	U	0.0496
	Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	0.0566	U	0.0552	U	0.0497	U	0.0534	U	0.0496
	Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	0.0566	U	0.0552	U	0.0497	U	0.0534	U	0.0496
	Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	0.0566	U	0.0502	J	0.0497	U	0.0534	U	0.0496
	Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	0.0566	U	0.0552	U	0.0497	U	0.0534	U	0.0496
	Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	0.0566	U	0.0552	U	0.0497	U	0.0534	U	0.0496
	Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	0.0566	U	0.0552	U	0.0497	U	0.0534	U	0.0496
	PCBs, Total	1336-36-3	mg/kg	3.2	1	0.1	0.0566	U	0.0502	J	0.0497	U	0.0534	U	0.0496
Semivolatile Organics by GC/MS															
	Acenaphthene	83-32-9	mg/kg	98	100	20	0.16	U	0.16	U	0.14	U	0.14	U	0.14
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Hexachlorobenzene	118-74-1	mg/kg	3.2	1.2	0.33	0.12	U	0.12	U	0.1	U	0.11	U	0.1
	Bis(2-chloroethyl)ether	111-44-4	mg/kg				0.18	U	0.18	U	0.16	U	0.16	U	0.16
	2-Chloronaphthalene	91-58-7	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.2	U	0.2	U	0.18	U	0.18	U	0.18
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.2	U	0.2	U	0.18	U	0.18	U	0.18
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.2	U	0.2	U	0.18	U	0.18	U	0.18
	3,3'-Dichlorobenzidine	91-94-1	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	2,4-Dinitrotoluene	121-14-2	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	2,6-Dinitrotoluene	606-20-2	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Fluoranthene	206-44-0	mg/kg	1000	100	100	0.12	U	0.22		0.1	U	0.15		0.1
	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	4-Bromophenyl phenyl ether	101-55-3	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Bis(2-chloroisopropyl)ether	108-60-1	mg/kg				0.23	U	0.24	U	0.21	U	0.22	U	0.21
	Bis(2-chloroethoxy)methane	111-91-1	mg/kg				0.21	U	0.21	U	0.19	U	0.2	U	0.19
	Hexachlorobutadiene	87-68-3	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Hexachlorocyclopentadiene	77-47-4	mg/kg				0.56	U	0.56	U	0.5	U	0.52	U	0.5
	Hexachloroethane	67-72-1	mg/kg				0.16	U	0.16	U	0.14	U	0.14	U	0.14
	Isophorone	78-59-1	mg/kg				0.18	U	0.18	U	0.16	U	0.16	U	0.16
	Naphthalene	91-20-3	mg/kg	12	100	12	0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Nitrobenzene	98-95-3	mg/kg				0.18	U	0.18	U	0.16	U	0.16	U	0.16
	NDPA/DPA	86-30-6	mg/kg				0.16	U	0.16	U	0.14	U	0.14	U	0.14
	n-Nitrosodi-n-propylamine	621-64-7	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Butyl benzyl phthalate	85-68-7	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Di-n-butylphthalate	84-74-2	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Di-n-octylphthalate	117-84-0	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**106 (19.5-20) 4725**		**SB-104 (1-1.5) 4825**		**SB-104 (8.5-9) 4825**		**SB-102 (4.5-5) 4725**		**SB-102 (9.5-10) 4925**
	SAMPLING DATE						**4/7/2025**		**4/8/2025**		**4/8/2025**		**4/7/2025**		**4/9/2025**
	LAB SAMPLE ID						**L2520890-10**		**L2521251-01**		**L2521251-02**		**L2520890-03**		**L2521706-02**
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**
	Diethyl phthalate	84-66-2	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Dimethyl phthalate	131-11-3	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	0.12	U	0.13		0.1	U	0.12		0.1
	Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	0.16	U	0.15	J	0.14	U	0.16		0.14
	Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	0.12	U	0.18		0.1	U	0.17		0.1
	Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	0.12	U	0.058	J	0.1	U	0.059	J	0.1
	Chrysene	218-01-9	mg/kg	1	3.9	1	0.12	U	0.12		0.1	U	0.12		0.1
	Acenaphthylene	208-96-8	mg/kg	107	100	100	0.16	U	0.16	U	0.14	U	0.14	U	0.14
	Anthracene	120-12-7	mg/kg	1000	100	100	0.12	U	0.12	U	0.1	U	0.036	J	0.1
	Benzo(ghi)perylene	191-24-2	mg/kg	1000	100	100	0.16	U	0.1	J	0.14	U	0.12	J	0.14
	Fluorene	86-73-7	mg/kg	386	100	30	0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Phenanthrene	85-01-8	mg/kg	1000	100	100	0.12	U	0.1	J	0.1	U	0.084	J	0.1
	Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.12	U	0.034	J	0.1	U	0.033	J	0.1
	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.16	U	0.1	J	0.14	U	0.1	J	0.14
	Pyrene	129-00-0	mg/kg	1000	100	100	0.12	U	0.21		0.1	U	0.16		0.1
	Biphenyl	92-52-4	mg/kg				0.44	U	0.45	U	0.4	U	0.42	U	0.4
	4-Chloroaniline	106-47-8	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	2-Nitroaniline	88-74-4	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	3-Nitroaniline	99-09-2	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	4-Nitroaniline	100-01-6	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Dibenzofuran	132-64-9	mg/kg	210	59	7	0.2	U	0.2	U	0.18	U	0.18	U	0.18
	2-Methylnaphthalene	91-57-6	mg/kg				0.23	U	0.24	U	0.21	U	0.22	U	0.21
	1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Acetophenone	98-86-2	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	2,4,6-Trichlorophenol	88-06-2	mg/kg				0.12	U	0.12	U	0.1	U	0.11	U	0.1
	p-Chloro-m-cresol	59-50-7	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	2-Chlorophenol	95-57-8	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	2,4-Dichlorophenol	120-83-2	mg/kg				0.18	U	0.18	U	0.16	U	0.16	U	0.16
	2,4-Dimethylphenol	105-67-9	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	2-Nitrophenol	88-75-5	mg/kg				0.42	U	0.43	U	0.38	U	0.39	U	0.38
	4-Nitrophenol	100-02-7	mg/kg				0.27	U	0.28	U	0.25	U	0.25	U	0.24
	2,4-Dinitrophenol	51-28-5	mg/kg				0.94	U	0.95	U	0.84	U	0.87	U	0.84
	4,6-Dinitro-o-cresol	534-52-1	mg/kg				0.51	U	0.51	U	0.46	U	0.47	U	0.46
	Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	0.16	U	0.16	U	0.14	U	0.14	U	0.14
	Phenol	108-95-2	mg/kg	0.33	100	0.33	0.2	U	0.2	U	0.18	U	0.18	U	0.18
	2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	0.2	U	0.2	U	0.18	U	0.18	U	0.18
	3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	0.33	100	0.33	0.28	U	0.28	U	0.25	U	0.26	U	0.25
	2,4,5-Trichlorophenol	95-95-4	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Benzoic Acid	65-85-0	mg/kg				0.63	U	0.64	U	0.57	U	0.59	U	0.57
	Benzyl Alcohol	100-51-6	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	Carbazole	86-74-8	mg/kg				0.2	U	0.2	U	0.18	U	0.18	U	0.18
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.029	U	0.03	U	0.026	U	0.027	U	0.026
Total Metals															
	Aluminum, Total	7429-90-5	mg/kg				4310		6270		6040		5790		3050
	Antimony, Total	7440-36-0	mg/kg				4.64	U	4.77	U	4.29	U	4.33	U	4.18
	Arsenic, Total	7440-38-2	mg/kg	16	16	13	0.834	J	1.58		0.752	J	1.99		0.462

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION			**PGWSCOs**	**RRSCOs**	**USCOs**	**106 (19.5-20) 4725**		**SB-104 (1-1.5) 4825**		**SB-104 (8.5-9) 4825**		**SB-102 (4.5-5) 4725**		**SB-102 (9.5-10) 4925**
	SAMPLING DATE						**4/7/2025**		**4/8/2025**		**4/8/2025**		**4/7/2025**		**4/9/2025**
	LAB SAMPLE ID						**L2520890-10**		**L2521251-01**		**L2521251-02**		**L2520890-03**		**L2521706-02**
	SAMPLE TYPE						**SOIL**		**SOIL**		**SOIL**		**SOIL**		**SOIL**
		CasNum	**Units**				**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**
	Barium, Total	7440-39-3	mg/kg	820	400	350	52.4		86.1		92.3		84.6		36.9
	Beryllium, Total	7440-41-7	mg/kg	47	72	7.2	0.079	J	0.116	J	0.429	U	0.166	J	0.068
	Cadmium, Total	7440-43-9	mg/kg	7.5	4.3	2.5	0.928	U	0.222	J	0.207	J	0.2	J	0.076
	Calcium, Total	7440-70-2	mg/kg				23000		7680		15900		9210		1300
	Chromium, Total	7440-47-3	mg/kg		180	30	11.4		13.7		17		11.8		7.26
	Cobalt, Total	7440-48-4	mg/kg				4.01		5.23		5.26		7.63		3.19
	Copper, Total	7440-50-8	mg/kg	1720	270	50	12.5		20.6		18.8		22.5		8.22
	Iron, Total	7439-89-6	mg/kg				9040		11400		11100		9660		6430
	Lead, Total	7439-92-1	mg/kg	450	400	63	2.24	J	63.7		2.31	J	102		1.41
	Magnesium, Total	7439-95-4	mg/kg				13500		5270		11600		3790		1170
	Manganese, Total	7439-96-5	mg/kg	2000	2000	1600	122		171		179		827		91.1
	Mercury, Total	7439-97-6	mg/kg	0.73	0.81	0.18	0.078	U	0.248		0.071	U	0.185		0.081
	Nickel, Total	7440-02-0	mg/kg	130	310	30	8.09		9.16		9.94		7.79		6.01
	Potassium, Total	7440-09-7	mg/kg				2060		1980		2970		1420		763
	Selenium, Total	7782-49-2	mg/kg	4	180	3.9	1.86	U	1.91	U	1.72	U	1.73	U	1.67
	Silver, Total	7440-22-4	mg/kg	8.3	180	2	0.464	U	0.477	U	0.429	U	0.433	U	0.418
	Sodium, Total	7440-23-5	mg/kg				260		204		156	J	234		124
	Thallium, Total	7440-28-0	mg/kg				1.86	U	1.91	U	1.72	U	1.73	U	1.67
	Vanadium, Total	7440-62-2	mg/kg				13.7		20.8		20.8		17.4		8.89
	Zinc, Total	7440-66-6	mg/kg	2480	10000	109	26.3		65		24.3		66.3		11.2
Volatile Organics by EPA 5035															
	Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	0.0047	U	0.005	U	0.0045	U	0.0069	U	0.0053
	1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
	Chloroform	67-66-3	mg/kg	0.37	49	0.37	0.0014	U	0.00015	J	0.00023	J	0.0021	U	0.0016
	Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
	1,2-Dichloropropane	78-87-5	mg/kg				0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
	Dibromochloromethane	124-48-1	mg/kg				0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
	1,1,2-Trichloroethane	79-00-5	mg/kg				0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
	Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
	Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
	Trichlorofluoromethane	75-69-4	mg/kg				0.0038	U	0.004	U	0.0036	U	0.0056	U	0.0042
	1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
	1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
	Bromodichloromethane	75-27-4	mg/kg				0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
	trans-1,3-Dichloropropene	10061-02-6	mg/kg				0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
	cis-1,3-Dichloropropene	10061-01-5	mg/kg				0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
	1,3-Dichloropropene, Total	542-75-6	mg/kg				0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
	1,1-Dichloropropene	563-58-6	mg/kg				0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
	Bromoform	75-25-2	mg/kg				0.0038	U	0.004	U	0.0036	U	0.0056	U	0.0042
	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
	Benzene	71-43-2	mg/kg	0.06	4.8	0.06	0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
	Toluene	108-88-3	mg/kg	0.7	100	0.7	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
	Ethylbenzene	100-41-4	mg/kg	1	41	1	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
	Chloromethane	74-87-3	mg/kg				0.0038	U	0.004	U	0.0036	U	0.0056	U	0.0042
	Bromomethane	74-83-9	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
	Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						SB-106 (19.5-20) 4725		SB-104 (1-1.5) 4825		SB-104 (8.5-9) 4825		SB-102 (4.5-5) 4725		SB-102 (9.5-10) 4925
SAMPLING DATE						4/7/2025		4/8/2025		4/8/2025		4/7/2025		4/9/2025
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2520890-10		L2521251-01		L2521251-02		L2520890-03		L2521706-02
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
Chloroethane	75-00-3	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	0.0014	U	0.0015	U	0.0014	U	0.0021	U	0.0016
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
Methyl tert butyl ether	1634-04-4	mg/kg	0.93	100	0.93	0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
p/m-Xylene	179601-23-1	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
o-Xylene	95-47-6	mg/kg				0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
Xylenes, Total	1330-20-7	mg/kg	1.6	100	0.26	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
1,2-Dichloroethene, Total	540-59-0	mg/kg				0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
Dibromomethane	74-95-3	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
Styrene	100-42-5	mg/kg				0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
Dichlorodifluoromethane	75-71-8	mg/kg				0.0094	U	0.01	U	0.009	U	0.014	U	0.01
Acetone	67-64-1	mg/kg	0.05	100	0.05	0.007	J	0.0048	J	0.0066	J	0.014	U	0.0062
Carbon disulfide	75-15-0	mg/kg				0.0094	U	0.01	U	0.009	U	0.014	U	0.01
2-Butanone	78-93-3	mg/kg	0.12	100	0.12	0.0094	U	0.01	U	0.009	U	0.014	U	0.01
Vinyl acetate	108-05-4	mg/kg				0.0094	U	0.01	U	0.009	U	0.014	U	0.01
4-Methyl-2-pentanone	108-10-1	mg/kg				0.0094	U	0.01	U	0.009	U	0.014	U	0.01
1,2,3-Trichloropropane	96-18-4	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
2-Hexanone	591-78-6	mg/kg				0.0094	U	0.01	U	0.009	U	0.014	U	0.01
Bromochloromethane	74-97-5	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
2,2-Dichloropropane	594-20-7	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,2-Dibromoethane	106-93-4	mg/kg				0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
1,3-Dichloropropane	142-28-9	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg				0.00047	U	0.0005	U	0.00045	U	0.00069	U	0.00053
Bromobenzene	108-86-1	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
n-Butylbenzene	104-51-8	mg/kg	12	100	12	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
sec-Butylbenzene	135-98-8	mg/kg	11	100	11	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
tert-Butylbenzene	98-06-6	mg/kg	5.9	100	5.9	0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
o-Chlorotoluene	95-49-8	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
p-Chlorotoluene	106-43-4	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				0.0028	U	0.003	U	0.0027	U	0.0042	U	0.0032
Hexachlorobutadiene	87-68-3	mg/kg				0.0038	U	0.004	U	0.0036	U	0.0056	U	0.0042
Isopropylbenzene	98-82-8	mg/kg				0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
p-Isopropyltoluene	99-87-6	mg/kg				0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
Naphthalene	91-20-3	mg/kg	12	100	12	0.0038	U	0.004	U	0.0036	U	0.0056	U	0.0042
Acrylonitrile	107-13-1	mg/kg				0.0038	U	0.004	U	0.0036	U	0.0056	U	0.0042
n-Propylbenzene	103-65-1	mg/kg	3.9	100	3.9	0.00094	U	0.001	U	0.0009	U	0.0014	U	0.001
1,2,3-Trichlorobenzene	87-61-6	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,2,4-Trichlorobenzene	120-82-1	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,3,5-Trimethylbenzene	108-67-8	mg/kg	8.4	52	8.4	0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,2,4-Trimethylbenzene	95-63-6	mg/kg	3.6	52	3.6	0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	0.075	U	0.08	U	0.072	U	0.11	U	0.084

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						106 (19.5-20) 4725		SB-104 (1-1.5) 4825		SB-104 (8.5-9) 4825		SB-102 (4.5-5) 4725		SB-102 (9.5-10) 4925
SAMPLING DATE			PGWSCOs	RRSCOs	USCOs	4/7/2025		4/8/2025		4/8/2025		4/7/2025		4/9/2025
LAB SAMPLE ID						L2520890-10		L2521251-01		L2521251-02		L2520890-03		L2521706-02
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL		SOIL
	CasNum	Units				Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results
p-Diethylbenzene	105-05-5	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
p-Ethyltoluene	622-96-8	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
Ethyl ether	60-29-7	mg/kg				0.0019	U	0.002	U	0.0018	U	0.0028	U	0.0021
trans-1,4-Dichloro-2-butene	110-57-6	mg/kg				0.0047	U	0.005	U	0.0045	U	0.0069	U	0.0053

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION						SB-103 (9.5-10) 4925		SB-105 (9.5-10) 4925		SB-106 (9.5-10) 4925		SB-48P (3.5-4)	
SAMPLING DATE						4/9/2025		4/9/2025		4/9/2025		6/9/2023	
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs	L2521706-03		L2521706-04		L2521706-05		L2332665-05	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry													
Solids, Total	NONE	%					95.9		90.7		95.4		84.4	
Cyanide, Total	57-12-5	mg/kg	40	27	27	U	1	U	1.1	U	1	U	0.25	J
Organochlorine Pesticides by GC													
Delta-BHC	319-86-8	mg/kg	0.25	100	0.04	U	0.00161	U	0.00171	U	0.00161	U	0.00185	U
Lindane	58-89-9	mg/kg	0.1	1.3	0.1	U	0.000673	U	0.000714	U	0.000672	U	0.000769	U
Alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	U	0.000673	U	0.000714	U	0.000672	U	0.000769	U
Beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	U	0.00161	U	0.00171	U	0.00161	U	0.00185	U
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	U	0.000807	U	0.000857	U	0.000807	U	0.000923	U
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	U	0.00161	U	0.00171	U	0.00161	U	0.00185	U
Heptachlor epoxide	1024-57-3	mg/kg				U	0.00303	U	0.00321	U	0.00302	U	0.00346	U
Endrin	72-20-8	mg/kg	0.06	11	0.014	U	0.000673	U	0.000714	U	0.000672	U	0.000769	U
Endrin aldehyde	7421-93-4	mg/kg				U	0.00202	U	0.00214	U	0.00202	U	0.00231	U
Endrin ketone	53494-70-5	mg/kg				U	0.00161	U	0.00171	U	0.00161	U	0.00185	U
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	U	0.00101	U	0.00107	U	0.00101	U	0.00115	U
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	U	0.00161	U	0.00171	U	0.00161	U	0.00185	U
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	U	0.00161	U	0.00171	U	0.00161	U	0.00483	P
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	U	0.00161	U	0.00171	U	0.00161	U	0.00185	U
Endosulfan I	959-98-8	mg/kg	102	24	2.4	U	0.00161	U	0.00171	U	0.00161	U	0.00185	U
Endosulfan II	33213-65-9	mg/kg	102	24	2.4	U	0.00161	U	0.00171	U	0.00161	U	0.00185	U
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	U	0.000673	U	0.000714	U	0.000672	U	0.000769	U
Methoxychlor	72-43-5	mg/kg				U	0.00303	U	0.00321	U	0.00302	U	0.00346	U
Toxaphene	8001-35-2	mg/kg				U	0.0303	U	0.0321	U	0.0302	U	0.0346	U
cis-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	U	0.00202	U	0.00214	U	0.00202	U	0.00231	U
trans-Chlordane	5103-74-2	mg/kg				U	0.00202	U	0.00214	U	0.00202	U	0.00231	U
Chlordane	57-74-9	mg/kg				U	0.0134	U	0.0143	U	0.0134	U	0.0154	U
Perfluorinated Alkyl Acids by EPA 1633													
Perfluorobutanoic Acid (PFBA)	375-22-4	ug/kg				-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/kg				-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/kg				-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/kg				-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	ug/kg				-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/kg				-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	ug/kg				-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/kg				-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	ug/kg				-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	ug/kg				-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	ug/kg				-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeF	2355-31-9	ug/kg				-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ug/kg				-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/kg				-	-	-	-	-	-	-	-	-

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				PGWSCOs	RRSCOs	USCOs	SB-103 (9.5-10) 4925		SB-105 (9.5-10) 4925		SB-106 (9.5-10) 4925		SB-48P (3.5-4)	
SAMPLING DATE							4/9/2025		4/9/2025		4/9/2025		6/9/2023	
LAB SAMPLE ID							L2521706-03		L2521706-04		L2521706-05		L2332665-05	
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL	
		CasNum	Units				Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/kg				-	-	-	-	-	-	-	-	-
	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOS	2991-50-6	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/kg				-	-	-	-	-	-	-	-	-
	Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/kg				-	-	-	-	-	-	-	-	-
	PFOA/PFOS, Total	null	ug/kg				-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC															
	Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	U	0.0515	U	0.0518	U	0.0502	U	0.0554	U
	Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	U	0.0515	U	0.0518	U	0.0502	U	0.0554	U
	Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	U	0.0515	U	0.0518	U	0.0502	U	0.0554	U
	Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	U	0.0515	U	0.0518	U	0.0502	U	0.0554	U
	Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	U	0.0515	U	0.0518	U	0.0502	U	0.0554	U
	Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	U	0.0515	U	0.0518	U	0.0502	U	0.0094	J
	Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	U	0.0515	U	0.0518	U	0.0502	U	0.0554	U
	Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	U	0.0515	U	0.0518	U	0.0502	U	0.0554	U
	Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	U	0.0515	U	0.0518	U	0.0502	U	0.0554	U
	PCBs, Total	1336-36-3	mg/kg	3.2	1	0.1	U	0.0515	U	0.0518	U	0.0502	U	0.0094	J
Semivolatile Organics by GC/MS															
	Acenaphthene	83-32-9	mg/kg	98	100	20	U	0.14	U	0.14	U	0.14	U	0.57	
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	Hexachlorobenzene	118-74-1	mg/kg	3.2	1.2	0.33	U	0.1	U	0.11	U	0.1	U	0.12	U
	Bis(2-chloroethyl)ether	111-44-4	mg/kg				U	0.16	U	0.16	U	0.16	U	0.17	U
	2-Chloronaphthalene	91-58-7	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	U	0.17	U	0.18	U	0.17	U	0.19	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	U	0.17	U	0.18	U	0.17	U	0.19	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	U	0.17	U	0.18	U	0.17	U	0.19	U
	3,3'-Dichlorobenzidine	91-94-1	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	2,4-Dinitrotoluene	121-14-2	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	2,6-Dinitrotoluene	606-20-2	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	Fluoranthene	206-44-0	mg/kg	1000	100	100	U	0.1	U	0.11	U	0.1	U	2.4	
	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	4-Bromophenyl phenyl ether	101-55-3	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	Bis(2-chloroisopropyl)ether	108-60-1	mg/kg				U	0.21	U	0.22	U	0.21	U	0.23	U
	Bis(2-chloroethoxy)methane	111-91-1	mg/kg				U	0.19	U	0.2	U	0.19	U	0.21	U
	Hexachlorobutadiene	87-68-3	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	Hexachlorocyclopentadiene	77-47-4	mg/kg				U	0.5	U	0.52	U	0.5	U	0.55	U
	Hexachloroethane	67-72-1	mg/kg				U	0.14	U	0.14	U	0.14	U	0.15	U
	Isophorone	78-59-1	mg/kg				U	0.16	U	0.16	U	0.16	U	0.17	U
	Naphthalene	91-20-3	mg/kg	12	100	12	U	0.17	U	0.18	U	0.17	U	0.92	
	Nitrobenzene	98-95-3	mg/kg				U	0.16	U	0.16	U	0.16	U	0.17	U
	NDPA/DPA	86-30-6	mg/kg				U	0.14	U	0.14	U	0.14	U	0.15	U
	n-Nitrosodi-n-propylamine	621-64-7	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg				U	0.17	U	0.18	U	0.17	U	0.12	J
	Butyl benzyl phthalate	85-68-7	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	Di-n-butylphthalate	84-74-2	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
	Di-n-octylphthalate	117-84-0	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB-103 (9.5-10) 4925		SB-105 (9.5-10) 4925		SB-106 (9.5-10) 4925		SB-48P (3.5-4)	
SAMPLING DATE						4/9/2025		4/9/2025		4/9/2025		6/9/2023	
LAB SAMPLE ID						L2521706-03		L2521706-04		L2521706-05		L2332665-05	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Diethyl phthalate	84-66-2	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
Dimethyl phthalate	131-11-3	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	U	0.1	U	0.11	U	0.1	U	1	
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	U	0.14	U	0.14	U	0.14	U	1.1	
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	U	0.1	U	0.11	U	0.1	U	1.1	
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	U	0.1	U	0.11	U	0.1	U	0.41	
Chrysene	218-01-9	mg/kg	1	3.9	1	U	0.1	U	0.11	U	0.1	U	1	
Acenaphthylene	208-96-8	mg/kg	107	100	100	U	0.14	U	0.14	U	0.14	U	0.16	
Anthracene	120-12-7	mg/kg	1000	100	100	U	0.1	U	0.11	U	0.1	U	0.61	
Benzo(ghi)perylene	191-24-2	mg/kg	1000	100	100	U	0.14	U	0.14	U	0.14	U	0.59	
Fluorene	86-73-7	mg/kg	386	100	30	U	0.17	U	0.18	U	0.17	U	0.45	
Phenanthrene	85-01-8	mg/kg	1000	100	100	U	0.1	U	0.11	U	0.1	U	2.6	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	U	0.1	U	0.11	U	0.1	U	0.14	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	U	0.14	U	0.14	U	0.14	U	0.52	
Pyrene	129-00-0	mg/kg	1000	100	100	U	0.1	U	0.11	U	0.1	U	2.2	
Biphenyl	92-52-4	mg/kg				U	0.4	U	0.42	U	0.4	U	0.078	J
4-Chloroaniline	106-47-8	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
2-Nitroaniline	88-74-4	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
3-Nitroaniline	99-09-2	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
4-Nitroaniline	100-01-6	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
Dibenzofuran	132-64-9	mg/kg	210	59	7	U	0.17	U	0.18	U	0.17	U	0.25	
2-Methylnaphthalene	91-57-6	mg/kg				U	0.21	U	0.22	U	0.21	U	0.39	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
Acetophenone	98-86-2	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
2,4,6-Trichlorophenol	88-06-2	mg/kg				U	0.1	U	0.11	U	0.1	U	0.12	U
p-Chloro-m-cresol	59-50-7	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
2-Chlorophenol	95-57-8	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
2,4-Dichlorophenol	120-83-2	mg/kg				U	0.16	U	0.16	U	0.16	U	0.17	U
2,4-Dimethylphenol	105-67-9	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
2-Nitrophenol	88-75-5	mg/kg				U	0.37	U	0.39	U	0.38	U	0.42	U
4-Nitrophenol	100-02-7	mg/kg				U	0.24	U	0.25	U	0.24	U	0.27	U
2,4-Dinitrophenol	51-28-5	mg/kg				U	0.83	U	0.87	U	0.84	U	0.92	U
4,6-Dinitro-o-cresol	534-52-1	mg/kg				U	0.45	U	0.47	U	0.45	U	0.5	U
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	U	0.14	U	0.14	U	0.14	U	0.15	U
Phenol	108-95-2	mg/kg	0.33	100	0.33	U	0.17	U	0.18	U	0.17	U	0.031	J
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	U	0.17	U	0.18	U	0.17	U	0.19	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	0.33	100	0.33	U	0.25	U	0.26	U	0.25	U	0.048	J
2,4,5-Trichlorophenol	95-95-4	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
Benzoic Acid	65-85-0	mg/kg				U	0.56	U	0.59	U	0.56	U	0.62	U
Benzyl Alcohol	100-51-6	mg/kg				U	0.17	U	0.18	U	0.17	U	0.19	U
Carbazole	86-74-8	mg/kg				U	0.17	U	0.18	U	0.17	U	0.25	
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	U	0.026	U	0.027	U	0.026	U	0.029	U
Total Metals														
Aluminum, Total	7429-90-5	mg/kg					4280		6150		3540		6810	
Antimony, Total	7440-36-0	mg/kg				U	4.01	U	4.23	U	4.17	U	3.27	J
Arsenic, Total	7440-38-2	mg/kg	16	16	13	J	0.456	J	0.527	J	0.462	J	5.88	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB-103 (9.5-10) 4925		SB-105 (9.5-10) 4925		SB-106 (9.5-10) 4925		SB-48P (3.5-4)	
SAMPLING DATE						4/9/2025		4/9/2025		4/9/2025		6/9/2023	
LAB SAMPLE ID						L2521706-03		L2521706-04		L2521706-05		L2332665-05	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Barium, Total	7440-39-3	mg/kg	820	400	350		50.9		40.6		23.2		134	
Beryllium, Total	7440-41-7	mg/kg	47	72	7.2	J	0.091	J	0.186	J	0.099	J	0.346	J
Cadmium, Total	7440-43-9	mg/kg	7.5	4.3	2.5	J	0.098	J	0.111	J	0.067	J	1.51	
Calcium, Total	7440-70-2	mg/kg					1060		1200		1200		15300	
Chromium, Total	7440-47-3	mg/kg		180	30		8.74		7.9		5.61		14.2	
Cobalt, Total	7440-48-4	mg/kg					3.84		3.66		2.91		5.25	
Copper, Total	7440-50-8	mg/kg	1720	270	50		10.8		11.9		8.09		90.7	
Iron, Total	7439-89-6	mg/kg					7690		9090		5800		14000	
Lead, Total	7439-92-1	mg/kg	450	400	63	J	1.6	J	2.1	J	1.46	J	317	
Magnesium, Total	7439-95-4	mg/kg					1850		1540		1040		4030	
Manganese, Total	7439-96-5	mg/kg	2000	2000	1600		221		105		87.4		167	
Mercury, Total	7439-97-6	mg/kg	0.73	0.81	0.18	U	0.068	U	0.085	U	0.081	U	0.408	
Nickel, Total	7440-02-0	mg/kg	130	310	30		7.42		7.48		4.79		15.4	
Potassium, Total	7440-09-7	mg/kg					1240		964		372		1280	
Selenium, Total	7782-49-2	mg/kg	4	180	3.9	U	1.6	U	1.69	U	1.67	U	0.478	J
Silver, Total	7440-22-4	mg/kg	8.3	180	2	U	0.401	U	0.423	U	0.417	U	0.45	U
Sodium, Total	7440-23-5	mg/kg				J	168		208		95.5	J	195	
Thallium, Total	7440-28-0	mg/kg				U	1.6	U	1.69	U	1.67	U	1.8	U
Vanadium, Total	7440-62-2	mg/kg					11		12.5		7.77		26	
Zinc, Total	7440-66-6	mg/kg	2480	10000	109		16.2		15.1		7.89		567	
Volatile Organics by EPA 5035														
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	U	0.0049	U	0.005	U	0.0057	U	0.0086	U
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
Chloroform	67-66-3	mg/kg	0.37	49	0.37	U	0.0015	U	0.0015	U	0.0017	U	0.0026	U
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
1,2-Dichloropropane	78-87-5	mg/kg				U	0.00098	U	0.001	U	0.0011	U	0.0017	U
Dibromochloromethane	124-48-1	mg/kg				U	0.00098	U	0.001	U	0.0011	U	0.0017	U
1,1,2-Trichloroethane	79-00-5	mg/kg				U	0.00098	U	0.001	U	0.0011	U	0.0017	U
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
Trichlorofluoromethane	75-69-4	mg/kg				U	0.0039	U	0.004	U	0.0046	U	0.0069	U
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
Bromodichloromethane	75-27-4	mg/kg				U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
trans-1,3-Dichloropropene	10061-02-6	mg/kg				U	0.00098	U	0.001	U	0.0011	U	0.0017	U
cis-1,3-Dichloropropene	10061-01-5	mg/kg				U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
1,3-Dichloropropene, Total	542-75-6	mg/kg				U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
1,1-Dichloropropene	563-58-6	mg/kg				U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
Bromoform	75-25-2	mg/kg				U	0.0039	U	0.004	U	0.0046	U	0.0069	U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
Toluene	108-88-3	mg/kg	0.7	100	0.7	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
Ethylbenzene	100-41-4	mg/kg	1	41	1	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
Chloromethane	74-87-3	mg/kg				U	0.0039	U	0.004	U	0.0046	U	0.0069	U
Bromomethane	74-83-9	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	U	0.00098	U	0.001	U	0.0011	U	0.0017	U

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION							SB-103 (9.5-10) 4925		SB-105 (9.5-10) 4925		SB-106 (9.5-10) 4925		SB-48P (3.5-4)	
SAMPLING DATE							4/9/2025		4/9/2025		4/9/2025		6/9/2023	
LAB SAMPLE ID			PGWSCOs	RRSCOs	USCOs		L2521706-03		L2521706-04		L2521706-05		L2332665-05	
SAMPLE TYPE							SOIL		SOIL		SOIL		SOIL	
		CasNum	Units				Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	Chloroethane	75-00-3	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	U	0.0015	U	0.0015	U	0.0017	U	0.0026	U
	Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
	1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	U	0.002	U	0.002	U	0.0023	U	0.0034	U
	1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	U	0.002	U	0.002	U	0.0023	U	0.0034	U
	1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	U	0.002	U	0.002	U	0.0023	U	0.0034	U
	Methyl tert butyl ether	1634-04-4	mg/kg	0.93	100	0.93	U	0.002	U	0.002	U	0.0023	U	0.0034	U
	p/m-Xylene	179601-23-1	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	o-Xylene	95-47-6	mg/kg				U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	Xylenes, Total	1330-20-7	mg/kg	1.6	100	0.26	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	1,2-Dichloroethene, Total	540-59-0	mg/kg				U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	Dibromomethane	74-95-3	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	Styrene	100-42-5	mg/kg				U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	Dichlorodifluoromethane	75-71-8	mg/kg				U	0.0098	U	0.01	U	0.011	U	0.017	U
	Acetone	67-64-1	mg/kg	0.05	100	0.05	J	0.0098	U	0.01	U	0.011	U	0.053	
	Carbon disulfide	75-15-0	mg/kg				U	0.0098	U	0.01	U	0.011	U	0.017	U
	2-Butanone	78-93-3	mg/kg	0.12	100	0.12	U	0.0098	U	0.01	U	0.011	U	0.007	J
	Vinyl acetate	108-05-4	mg/kg				U	0.0098	U	0.01	U	0.011	U	0.017	U
	4-Methyl-2-pentanone	108-10-1	mg/kg				U	0.0098	U	0.01	U	0.011	U	0.017	U
	1,2,3-Trichloropropane	96-18-4	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	2-Hexanone	591-78-6	mg/kg				U	0.0098	U	0.01	U	0.011	U	0.017	U
	Bromochloromethane	74-97-5	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	2,2-Dichloropropane	594-20-7	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	1,2-Dibromoethane	106-93-4	mg/kg				U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	1,3-Dichloropropane	142-28-9	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	1,1,1,2-Tetrachloroethane	630-20-6	mg/kg				U	0.00049	U	0.0005	U	0.00057	U	0.00086	U
	Bromobenzene	108-86-1	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	n-Butylbenzene	104-51-8	mg/kg	12	100	12	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	sec-Butylbenzene	135-98-8	mg/kg	11	100	11	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	tert-Butylbenzene	98-06-6	mg/kg	5.9	100	5.9	U	0.002	U	0.002	U	0.0023	U	0.0034	U
	o-Chlorotoluene	95-49-8	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	p-Chlorotoluene	106-43-4	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				U	0.003	U	0.003	U	0.0034	U	0.0052	U
	Hexachlorobutadiene	87-68-3	mg/kg				U	0.0039	U	0.004	U	0.0046	U	0.0069	U
	Isopropylbenzene	98-82-8	mg/kg				U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	p-Isopropyltoluene	99-87-6	mg/kg				U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	Naphthalene	91-20-3	mg/kg	12	100	12	U	0.0039	U	0.004	U	0.0046	U	0.0069	U
	Acrylonitrile	107-13-1	mg/kg				U	0.0039	U	0.004	U	0.0046	U	0.0069	U
	n-Propylbenzene	103-65-1	mg/kg	3.9	100	3.9	U	0.00098	U	0.001	U	0.0011	U	0.0017	U
	1,2,3-Trichlorobenzene	87-61-6	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	1,2,4-Trichlorobenzene	120-82-1	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
	1,3,5-Trimethylbenzene	108-67-8	mg/kg	8.4	52	8.4	U	0.002	U	0.002	U	0.0023	U	0.0034	U
	1,2,4-Trimethylbenzene	95-63-6	mg/kg	3.6	52	3.6	U	0.002	U	0.002	U	0.0023	U	0.0034	U
	1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	U	0.079	U	0.081	U	0.092	U	0.14	U

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Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION			PGWSCOs	RRSCOs	USCOs	SB-103 (9.5-10) 4925		SB-105 (9.5-10) 4925		SB-106 (9.5-10) 4925		SB-48P (3.5-4)	
SAMPLING DATE						4/9/2025		4/9/2025		4/9/2025		6/9/2023	
LAB SAMPLE ID						L2521706-03		L2521706-04		L2521706-05		L2332665-05	
SAMPLE TYPE						SOIL		SOIL		SOIL		SOIL	
	CasNum	Units				Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Diethylbenzene	105-05-5	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
p-Ethyltoluene	622-96-8	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
Ethyl ether	60-29-7	mg/kg				U	0.002	U	0.002	U	0.0023	U	0.0034	U
trans-1,4-Dichloro-2-butene	110-57-6	mg/kg				U	0.0049	U	0.005	U	0.0057	U	0.0086	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(3-3.5)	SB-1(3-3.5)	SB-1(16.5-17)
Lab Sample ID:						JD56769-1	JD56769-1A	JD56769-2
Date Sampled:						12/7/2022 10:00 AM	12/7/2022 10:00 AM	12/7/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	ND (0.00066)		ND (0.00064)
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	ND (0.00066)		ND (0.00064)
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	ND (0.00066)		ND (0.00064)
delta-BHC	319-86-8	mg/kg	0.25	100	0.04	ND (0.00066)		ND (0.00064)
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1	ND (0.00066)		ND (0.00064)
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	ND (0.00066)		ND (0.00064)
gamma-Chlordane	5103-74-2	mg/kg	14			ND (0.00066)		ND (0.00064)
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	ND (0.00066)		ND (0.00064)
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	ND (0.00066)		ND (0.00064)
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	0.00061 J		ND (0.00064)
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.0041 B		0.0013 B
Endrin	72-20-8	mg/kg	0.06	11	0.014	ND (0.00066)		ND (0.00064)
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	ND (0.00066)		ND (0.00064)
Endrin aldehyde	7421-93-4	mg/kg				ND (0.00066)		ND (0.00064)
Endosulfan-I	959-98-8	mg/kg	102	24	2.4	ND (0.00066)		ND (0.00064)
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4	ND (0.00066)		ND (0.00064)
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	ND (0.00066)		ND (0.00064)
Heptachlor epoxide	1024-57-3	mg/kg	0.02			ND (0.00066)		ND (0.00064)
Methoxychlor	72-43-5	mg/kg	900			ND (0.0013)		ND (0.0013)
Endrin ketone	53494-70-5	mg/kg				ND (0.00066)		ND (0.00064)
Toxaphene	8001-35-2	mg/kg				ND (0.017)		ND (0.016)
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.032)
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.032)
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.032)
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.032)
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.032)
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.032)
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.032)
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.032)
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.032)
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%				94.8		92.9
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27	ND (0.22)		ND (0.27)
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(3-3.5)	SB-1(3-3.5)	SB-1(16.5-17)
Lab Sample ID:						JD56769-1	JD56769-1A	JD56769-2
Date Sampled:						12/7/2022 10:00 AM	12/7/2022 10:00 AM	12/7/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg				6790		5370
Antimony	7440-36-0	mg/kg				ND (2.2)		ND (2.2)
Arsenic	7440-38-2	mg/kg	16	16	13	ND (2.2)		ND (2.2)
Barium	7440-39-3	mg/kg	820	400	350	63		46.1
Beryllium	7440-41-7	mg/kg	47	72	7.2	0.38		0.27
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5	ND (0.55)		ND (0.55)
Calcium	7440-70-2	mg/kg				35300		3700
Chromium	7440-47-3	mg/kg		180	30	13.4		14.8
Cobalt	7440-48-4	mg/kg				ND (5.5)		ND (5.5)
Copper	7440-50-8	mg/kg	1720	270	50	15.1		13.7
Iron	7439-89-6	mg/kg				12900		11000
Lead	7439-92-1	mg/kg	450	400	63	13.4		2.4
Magnesium	7439-95-4	mg/kg				3360		2140
Manganese	7439-96-5	mg/kg	2000	2000	1600	256		134
Nickel	7440-02-0	mg/kg	130	310	30	10.1		9.4
Potassium	7440-09-7	mg/kg				1740		1750
Selenium	7782-49-2	mg/kg	4	180	3.9	ND (2.2)		ND (2.2)
Silver	7440-22-4	mg/kg	8.3	180	2	ND (0.55)		ND (0.55)
Sodium	7440-23-5	mg/kg				ND (1100)		ND (1100)
Thallium	7440-28-0	mg/kg				ND (1.1)		ND (1.1)
Vanadium	7440-62-2	mg/kg				18.3		17.9
Zinc	7440-66-6	mg/kg	2480	10000	109	28		17.4
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18	ND (0.032)		ND (0.035)
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg					ND (0.84)	
Perfluoropentanoic acid	2706-90-3	ug/kg					ND (0.42)	
Perfluorohexanoic acid	307-24-4	ug/kg					ND (0.21)	
Perfluoroheptanoic acid	375-85-9	ug/kg					ND (0.21)	
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66		ND (0.21)	
Perfluorononanoic acid	375-95-1	ug/kg					ND (0.21)	
Perfluorodecanoic acid	335-76-2	ug/kg					ND (0.21)	
Perfluoroundecanoic acid	2058-94-8	ug/kg					ND (0.21)	
Perfluorododecanoic acid	307-55-1	ug/kg					ND (0.21)	
Perfluorotridecanoic acid	72629-94-8	ug/kg					ND (0.21)	
Perfluorotetradecanoic acid	376-06-7	ug/kg					ND (0.21)	
Perfluorobutanesulfonic acid	375-73-5	ug/kg					ND (0.21)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(3-3.5)	SB-1(3-3.5)	SB-1(16.5-17)
Lab Sample ID:						JD56769-1	JD56769-1A	JD56769-2
Date Sampled:						12/7/2022 10:00 AM	12/7/2022 10:00 AM	12/7/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg					ND (0.21)	
Perfluorohexanesulfonic acid	355-46-4	ug/kg					ND (0.21)	
Perfluoroheptanesulfonic acid	375-92-8	ug/kg					ND (0.21)	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88		ND (0.21)	
Perfluorononanesulfonic acid	68259-12-1	ug/kg					ND (0.21)	
Perfluorodecanesulfonic acid	335-77-3	ug/kg					ND (0.21)	
Perfluorododecanesulfonic acid	79780-39-5	ug/kg					ND (0.21)	
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg					ND (0.84)	
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg					ND (0.84)	
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg					ND (0.84)	
PFOSA	754-91-6	ug/kg					ND (0.21)	
MeFOSA	31506-32-8	ug/kg					ND (0.21)	
EtFOSA	4151-50-2	ug/kg					ND (0.21)	
MeFOSAA	2355-31-9	ug/kg					ND (0.21)	
EtFOSAA	2991-50-6	ug/kg					ND (0.21)	
MeFOSE	24448-09-7	ug/kg					ND (2.1)	
EtFOSE	1691-99-2	ug/kg					ND (2.1)	
HFPO-DA (GenX)	13252-13-6	ug/kg					ND (0.84)	
ADONA	919005-14-4	ug/kg					ND (0.84)	
PFMPA	377-73-1	ug/kg					ND (0.42)	
PFMBA	863090-89-5	ug/kg					ND (0.42)	
NFDHA	151772-58-6	ug/kg					ND (0.42)	
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg					ND (0.84)	
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg					ND (0.84)	
PFEESA	113507-82-7	ug/kg					ND (0.42)	
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg					ND (1.0)	
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg					ND (5.2)	
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg					ND (5.2)	
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg				ND (0.07)		ND (0.069)
4-Chloro-3-methyl phenol	59-50-7	mg/kg				ND (0.17)		ND (0.17)
2,4-Dichlorophenol	120-83-2	mg/kg	0.4			ND (0.17)		ND (0.17)
2,4-Dimethylphenol	105-67-9	mg/kg				ND (0.17)		ND (0.17)
2,4-Dinitrophenol	51-28-5	mg/kg	0.2			ND (0.17)		ND (0.17)
4,6-Dinitro-o-cresol	534-52-1	mg/kg				ND (0.17)		ND (0.17)
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	ND (0.07)		ND (0.069)
3&4-Methylphenol	M+P-CRESOLS	mg/kg				ND (0.07)		ND (0.069)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(3-3.5)	SB-1(3-3.5)	SB-1(16.5-17)
Lab Sample ID:						JD56769-1	JD56769-1A	JD56769-2
Date Sampled:						12/7/2022 10:00 AM	12/7/2022 10:00 AM	12/7/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3			ND (0.17)		ND (0.17)
4-Nitrophenol	100-02-7	mg/kg	0.1			ND (0.35)		ND (0.35)
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	ND (0.14)		ND (0.14)
Phenol	108-95-2	mg/kg	0.33	100	0.33	ND (0.07)		ND (0.069)
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg				ND (0.17)		ND (0.17)
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1			ND (0.17)		ND (0.17)
2,4,6-Trichlorophenol	88-06-2	mg/kg				ND (0.17)		ND (0.17)
Acenaphthene	83-32-9	mg/kg	98	100	20	0.134		ND (0.035)
Acenaphthylene	208-96-8	mg/kg	107	100	100	ND (0.035)		ND (0.035)
Acetophenone	98-86-2	mg/kg				ND (0.17)		ND (0.17)
Anthracene	120-12-7	mg/kg	1000	100	100	0.217		0.0288 J
Atrazine	1912-24-9	mg/kg				ND (0.07)		ND (0.069)
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	0.345		0.0432
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	0.273		0.0301 J
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	0.341		0.0362
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100	0.139		0.0185 J
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	0.128		0.0174 J
4-Bromophenyl phenyl ether	101-55-3	mg/kg				ND (0.07)		ND (0.069)
Butyl benzyl phthalate	85-68-7	mg/kg	122			ND (0.07)		ND (0.069)
1,1'-Biphenyl	92-52-4	mg/kg				0.0147 J		ND (0.069)
Benzaldehyde	100-52-7	mg/kg				ND (0.17)		ND (0.17)
2-Chloronaphthalene	91-58-7	mg/kg				ND (0.07)		ND (0.069)
4-Chloroaniline	106-47-8	mg/kg	0.22			ND (0.17)		ND (0.17)
Carbazole	86-74-8	mg/kg				0.0827		0.0091 J
Caprolactam	105-60-2	mg/kg				ND (0.07)		ND (0.069)
Chrysene	218-01-9	mg/kg	1	3.9	1	0.298		0.0377
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				ND (0.07)		ND (0.069)
bis(2-Chloroethyl)ether	111-44-4	mg/kg				ND (0.07)		ND (0.069)
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg				ND (0.07)		ND (0.069)
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				ND (0.07)		ND (0.069)
2,4-Dinitrotoluene	121-14-2	mg/kg				ND (0.035)		ND (0.035)
2,6-Dinitrotoluene	606-20-2	mg/kg	1			ND (0.035)		ND (0.035)
3,3'-Dichlorobenzidine	91-94-1	mg/kg				ND (0.07)		ND (0.069)
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	ND (0.035)		ND (0.035)
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.0357		ND (0.035)
Dibenzofuran	132-64-9	mg/kg	6.2	59	7	0.082		ND (0.069)
Di-n-butyl phthalate	84-74-2	mg/kg	8.1			ND (0.07)		ND (0.069)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(3-3.5)	SB-1(3-3.5)	SB-1(16.5-17)
Lab Sample ID:						JD56769-1	JD56769-1A	JD56769-2
Date Sampled:						12/7/2022 10:00 AM	12/7/2022 10:00 AM	12/7/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120			ND (0.07)		ND (0.069)
Diethyl phthalate	84-66-2	mg/kg	7.1			ND (0.07)		ND (0.069)
Dimethyl phthalate	131-11-3	mg/kg	27			ND (0.07)		ND (0.069)
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435			ND (0.07)		ND (0.069)
Fluoranthene	206-44-0	mg/kg	1000	100	100	0.737		0.112
Fluorene	86-73-7	mg/kg	386	100	30	0.129		ND (0.035)
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33	ND (0.07)		ND (0.069)
Hexachlorobutadiene	87-68-3	mg/kg				ND (0.035)		ND (0.035)
Hexachlorocyclopentadiene	77-47-4	mg/kg				ND (0.35)		ND (0.35)
Hexachloroethane	67-72-1	mg/kg				ND (0.17)		ND (0.17)
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.135		ND (0.035)
Isophorone	78-59-1	mg/kg	4.4			ND (0.07)		ND (0.069)
2-Methylnaphthalene	91-57-6	mg/kg	36.4			0.042		ND (0.035)
2-Nitroaniline	88-74-4	mg/kg	0.4			ND (0.17)		ND (0.17)
3-Nitroaniline	99-09-2	mg/kg	0.5			ND (0.17)		ND (0.17)
4-Nitroaniline	100-01-6	mg/kg				ND (0.17)		ND (0.17)
Naphthalene	91-20-3	mg/kg	12	100	12	0.108		ND (0.035)
Nitrobenzene	98-95-3	mg/kg	0.17	15		ND (0.07)		ND (0.069)
N-Nitroso-di-n-propylamine	621-64-7	mg/kg				ND (0.07)		ND (0.069)
N-Nitrosodiphenylamine	86-30-6	mg/kg				ND (0.17)		ND (0.17)
Phenanthrene	85-01-8	mg/kg	1000	100	100	0.738		0.117
Pyrene	129-00-0	mg/kg	1000	100	100	0.622		0.0985
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				ND (0.17)		ND (0.17)
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05	ND (0.01)		ND (0.01)
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	ND (0.0005)		ND (0.00052)
Bromochloromethane	74-97-5	mg/kg				ND (0.005)		ND (0.0052)
Bromodichloromethane	75-27-4	mg/kg				ND (0.002)		ND (0.0021)
Bromoform	75-25-2	mg/kg				ND (0.005)		ND (0.0052)
Bromomethane	74-83-9	mg/kg				ND (0.005)		ND (0.0052)
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12	ND (0.01)		ND (0.01)
Carbon disulfide	75-15-0	mg/kg	2.7			ND (0.002)		ND (0.0021)
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	ND (0.002)		ND (0.0021)
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	ND (0.002)		ND (0.0021)
Chloroethane	75-00-3	mg/kg	1.9			ND (0.005)		ND (0.0052)
Chloroform	67-66-3	mg/kg	0.37	49	0.37	ND (0.002)		ND (0.0021)
Chloromethane	74-87-3	mg/kg				ND (0.005)		ND (0.0052)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(3-3.5)	SB-1(3-3.5)	SB-1(16.5-17)
Lab Sample ID:						JD56769-1	JD56769-1A	JD56769-2
Date Sampled:						12/7/2022 10:00 AM	12/7/2022 10:00 AM	12/7/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg				ND (0.002)		ND (0.0021)
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				ND (0.002)		ND (0.0021)
Dibromochloromethane	124-48-1	mg/kg				ND (0.002)		ND (0.0021)
1,2-Dibromoethane	106-93-4	mg/kg				ND (0.001)		ND (0.001)
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	ND (0.001)		ND (0.001)
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	ND (0.001)		ND (0.001)
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	ND (0.001)		ND (0.001)
Dichlorodifluoromethane	75-71-8	mg/kg				ND (0.005)		ND (0.0052)
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	ND (0.001)		ND (0.001)
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	ND (0.001)		ND (0.001)
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	ND (0.001)		ND (0.001)
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	ND (0.001)		ND (0.001)
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	ND (0.001)		ND (0.001)
1,2-Dichloropropane	78-87-5	mg/kg				ND (0.002)		ND (0.0021)
cis-1,3-Dichloropropene	10061-01-5	mg/kg				ND (0.002)		ND (0.0021)
trans-1,3-Dichloropropene	10061-02-6	mg/kg				ND (0.002)		ND (0.0021)
Ethylbenzene	100-41-4	mg/kg	1	41	1	ND (0.001)		ND (0.001)
Freon 113	76-13-1	mg/kg	6			ND (0.005)		ND (0.0052)
2-Hexanone	591-78-6	mg/kg				ND (0.005)		ND (0.0052)
Isopropylbenzene	98-82-8	mg/kg	2.3			ND (0.002)		ND (0.0021)
Methyl Acetate	79-20-9	mg/kg				ND (0.005)		ND (0.0052)
Methylcyclohexane	108-87-2	mg/kg				ND (0.002)		ND (0.0021)
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93	ND (0.001)		ND (0.001)
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1			ND (0.005)		ND (0.0052)
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	ND (0.005)		ND (0.0052)
Styrene	100-42-5	mg/kg				ND (0.002)		ND (0.0021)
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6			ND (0.002)		ND (0.0021)
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	ND (0.002)		ND (0.0021)
Toluene	108-88-3	mg/kg	0.7	100	0.7	ND (0.001)		ND (0.001)
1,2,3-Trichlorobenzene	87-61-6	mg/kg				ND (0.005)		ND (0.0052)
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4			ND (0.005)		ND (0.0052)
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	ND (0.002)		ND (0.0021)
1,1,2-Trichloroethane	79-00-5	mg/kg				ND (0.002)		ND (0.0021)
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	ND (0.001)		ND (0.001)
Trichlorofluoromethane	75-69-4	mg/kg				ND (0.005)		ND (0.0052)
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	ND (0.002)		ND (0.0021)
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26	ND (0.001)		ND (0.001)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(3-3.5)	SB-1(3-3.5)	SB-1(16.5-17)
Lab Sample ID:						JD56769-1	JD56769-1A	JD56769-2
Date Sampled:						12/7/2022 10:00 AM	12/7/2022 10:00 AM	12/7/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26	ND (0.001)		ND (0.001)
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26	ND (0.001)		ND (0.001)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(16.5-17)	SB-2(3.5-4)	SB-2(3.5-4)
Lab Sample ID:						JD56769-2A	JD56769-3	JD56769-3A
Date Sampled:						12/7/2022 11:20 AM	12/7/2022 11:50 AM	12/7/2022 11:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005		ND (0.00068)	
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02		ND (0.00068)	
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036		ND (0.00068)	
delta-BHC	319-86-8	mg/kg	0.25	100	0.04		ND (0.00068)	
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1		ND (0.00068)	
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094		ND (0.00068)	
gamma-Chlordane	5103-74-2	mg/kg	14				ND (0.00068)	
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005		ND (0.00068)	
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033		ND (0.00068)	
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033		ND (0.00068)	
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033		0.0033 B	
Endrin	72-20-8	mg/kg	0.06	11	0.014		ND (0.00068)	
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4		ND (0.00068)	
Endrin aldehyde	7421-93-4	mg/kg					ND (0.00068)	
Endosulfan-I	959-98-8	mg/kg	102	24	2.4		ND (0.00068)	
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4		ND (0.00068)	
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042		ND (0.00068)	
Heptachlor epoxide	1024-57-3	mg/kg	0.02				ND (0.00068)	
Methoxychlor	72-43-5	mg/kg	900				ND (0.0014)	
Endrin ketone	53494-70-5	mg/kg					ND (0.00068)	
Toxaphene	8001-35-2	mg/kg					ND (0.017)	
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1		0.0312 J	
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1		ND (0.034)	
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%					95.1	
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27		ND (0.25)	
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(16.5-17)	SB-2(3.5-4)	SB-2(3.5-4)
Lab Sample ID:						JD56769-2A	JD56769-3	JD56769-3A
Date Sampled:						12/7/2022 11:20 AM	12/7/2022 11:50 AM	12/7/2022 11:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg					6320	
Antimony	7440-36-0	mg/kg					ND (2.0)	
Arsenic	7440-38-2	mg/kg	16	16	13		ND (2.0)	
Barium	7440-39-3	mg/kg	820	400	350		64.1	
Beryllium	7440-41-7	mg/kg	47	72	7.2		0.3	
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5		ND (0.50)	
Calcium	7440-70-2	mg/kg					11300	
Chromium	7440-47-3	mg/kg		180	30		14.1	
Cobalt	7440-48-4	mg/kg					ND (5.0)	
Copper	7440-50-8	mg/kg	1720	270	50		16.2	
Iron	7439-89-6	mg/kg					11800	
Lead	7439-92-1	mg/kg	450	400	63		32.6	
Magnesium	7439-95-4	mg/kg					2930	
Manganese	7439-96-5	mg/kg	2000	2000	1600		233	
Nickel	7440-02-0	mg/kg	130	310	30		9.4	
Potassium	7440-09-7	mg/kg					1340	
Selenium	7782-49-2	mg/kg	4	180	3.9		ND (2.0)	
Silver	7440-22-4	mg/kg	8.3	180	2		ND (0.50)	
Sodium	7440-23-5	mg/kg					ND (1000)	
Thallium	7440-28-0	mg/kg					ND (1.0)	
Vanadium	7440-62-2	mg/kg					17.9	
Zinc	7440-66-6	mg/kg	2480	10000	109		35.1	
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18		0.036	
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg				ND (0.86)		ND (0.84)
Perfluoropentanoic acid	2706-90-3	ug/kg				ND (0.43)		ND (0.42)
Perfluorohexanoic acid	307-24-4	ug/kg				ND (0.22)		ND (0.21)
Perfluoroheptanoic acid	375-85-9	ug/kg				ND (0.22)		ND (0.21)
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	ND (0.22)		ND (0.21)
Perfluorononanoic acid	375-95-1	ug/kg				ND (0.22)		ND (0.21)
Perfluorodecanoic acid	335-76-2	ug/kg				ND (0.22)		ND (0.21)
Perfluoroundecanoic acid	2058-94-8	ug/kg				ND (0.22)		ND (0.21)
Perfluorododecanoic acid	307-55-1	ug/kg				ND (0.22)		ND (0.21)
Perfluorotridecanoic acid	72629-94-8	ug/kg				ND (0.22)		ND (0.21)
Perfluorotetradecanoic acid	376-06-7	ug/kg				ND (0.22)		ND (0.21)
Perfluorobutanesulfonic acid	375-73-5	ug/kg				ND (0.22)		ND (0.21)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(16.5-17)	SB-2(3.5-4)	SB-2(3.5-4)
Lab Sample ID:						JD56769-2A	JD56769-3	JD56769-3A
Date Sampled:						12/7/2022 11:20 AM	12/7/2022 11:50 AM	12/7/2022 11:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg				ND (0.22)		ND (0.21)
Perfluorohexanesulfonic acid	355-46-4	ug/kg				ND (0.22)		ND (0.21)
Perfluoroheptanesulfonic acid	375-92-8	ug/kg				ND (0.22)		ND (0.21)
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	ND (0.22)		ND (0.21)
Perfluorononanesulfonic acid	68259-12-1	ug/kg				ND (0.22)		ND (0.21)
Perfluorodecanesulfonic acid	335-77-3	ug/kg				ND (0.22)		ND (0.21)
Perfluorododecanesulfonic acid	79780-39-5	ug/kg				ND (0.22)		ND (0.21)
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg				ND (0.86)		ND (0.84)
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg				ND (0.86)		ND (0.84)
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg				ND (0.86)		ND (0.84)
PFOSA	754-91-6	ug/kg				ND (0.22)		ND (0.21)
MeFOSA	31506-32-8	ug/kg				ND (0.22)		ND (0.21)
EtFOSA	4151-50-2	ug/kg				ND (0.22)		ND (0.21)
MeFOSAA	2355-31-9	ug/kg				ND (0.22)		ND (0.21)
EtFOSAA	2991-50-6	ug/kg				ND (0.22)		ND (0.21)
MeFOSE	24448-09-7	ug/kg				ND (2.2)		ND (2.1)
EtFOSE	1691-99-2	ug/kg				ND (2.2)		ND (2.1)
HFPO-DA (GenX)	13252-13-6	ug/kg				ND (0.86)		ND (0.84)
ADONA	919005-14-4	ug/kg				ND (0.86)		ND (0.84)
PFMPA	377-73-1	ug/kg				ND (0.43)		ND (0.42)
PFMBA	863090-89-5	ug/kg				ND (0.43)		ND (0.42)
NFDHA	151772-58-6	ug/kg				ND (0.43)		ND (0.42)
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg				ND (0.86)		ND (0.84)
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg				ND (0.86)		ND (0.84)
PFEESA	113507-82-7	ug/kg				ND (0.43)		ND (0.42)
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg				ND (1.1)		ND (1.0)
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg				ND (5.4)		ND (5.2)
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg				ND (5.4)		ND (5.2)
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg					ND (0.067)	
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND (0.17)	
2,4-Dichlorophenol	120-83-2	mg/kg	0.4				ND (0.17)	
2,4-Dimethylphenol	105-67-9	mg/kg					ND (0.17)	
2,4-Dinitrophenol	51-28-5	mg/kg	0.2				ND (0.17)	
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND (0.17)	
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33		ND (0.067)	
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND (0.067)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(16.5-17)	SB-2(3.5-4)	SB-2(3.5-4)
Lab Sample ID:						JD56769-2A	JD56769-3	JD56769-3A
Date Sampled:						12/7/2022 11:20 AM	12/7/2022 11:50 AM	12/7/2022 11:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3				ND (0.17)	
4-Nitrophenol	100-02-7	mg/kg	0.1				ND (0.33)	
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8		ND (0.13)	
Phenol	108-95-2	mg/kg	0.33	100	0.33		ND (0.067)	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND (0.17)	
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1				ND (0.17)	
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND (0.17)	
Acenaphthene	83-32-9	mg/kg	98	100	20		0.0265 J	
Acenaphthylene	208-96-8	mg/kg	107	100	100		ND (0.033)	
Acetophenone	98-86-2	mg/kg					ND (0.17)	
Anthracene	120-12-7	mg/kg	1000	100	100		0.0525	
Atrazine	1912-24-9	mg/kg					ND (0.067)	
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1		0.13	
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1		0.118	
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1		0.147	
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100		0.0808	
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8		0.0528	
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND (0.067)	
Butyl benzyl phthalate	85-68-7	mg/kg	122				ND (0.067)	
1,1'-Biphenyl	92-52-4	mg/kg					0.0052 J	
Benzaldehyde	100-52-7	mg/kg					ND (0.17)	
2-Chloronaphthalene	91-58-7	mg/kg					ND (0.067)	
4-Chloroaniline	106-47-8	mg/kg	0.22				ND (0.17)	
Carbazole	86-74-8	mg/kg					0.021 J	
Caprolactam	105-60-2	mg/kg					ND (0.067)	
Chrysene	218-01-9	mg/kg	1	3.9	1		0.118	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND (0.067)	
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND (0.067)	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND (0.067)	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND (0.067)	
2,4-Dinitrotoluene	121-14-2	mg/kg					ND (0.033)	
2,6-Dinitrotoluene	606-20-2	mg/kg	1				ND (0.033)	
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND (0.067)	
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1		ND (0.033)	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33		0.0231 J	
Dibenzofuran	132-64-9	mg/kg	6.2	59	7		0.0143 J	
Di-n-butyl phthalate	84-74-2	mg/kg	8.1				ND (0.067)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(16.5-17)	SB-2(3.5-4)	SB-2(3.5-4)
Lab Sample ID:						JD56769-2A	JD56769-3	JD56769-3A
Date Sampled:						12/7/2022 11:20 AM	12/7/2022 11:50 AM	12/7/2022 11:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120				ND (0.067)	
Diethyl phthalate	84-66-2	mg/kg	7.1				ND (0.067)	
Dimethyl phthalate	131-11-3	mg/kg	27				ND (0.067)	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435				ND (0.067)	
Fluoranthene	206-44-0	mg/kg	1000	100	100		0.258	
Fluorene	86-73-7	mg/kg	386	100	30		0.0213 J	
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33		ND (0.067)	
Hexachlorobutadiene	87-68-3	mg/kg					ND (0.033)	
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND (0.33)	
Hexachloroethane	67-72-1	mg/kg					ND (0.17)	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5		0.0669	
Isophorone	78-59-1	mg/kg	4.4				ND (0.067)	
2-Methylnaphthalene	91-57-6	mg/kg	36.4				0.013 J	
2-Nitroaniline	88-74-4	mg/kg	0.4				ND (0.17)	
3-Nitroaniline	99-09-2	mg/kg	0.5				ND (0.17)	
4-Nitroaniline	100-01-6	mg/kg					ND (0.17)	
Naphthalene	91-20-3	mg/kg	12	100	12		0.0204 J	
Nitrobenzene	98-95-3	mg/kg	0.17	15			ND (0.067)	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND (0.067)	
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND (0.17)	
Phenanthrene	85-01-8	mg/kg	1000	100	100		0.191	
Pyrene	129-00-0	mg/kg	1000	100	100		0.244	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND (0.17)	
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05		ND (0.0097)	
Benzene	71-43-2	mg/kg	0.06	4.8	0.06		ND (0.00049)	
Bromochloromethane	74-97-5	mg/kg					ND (0.0049)	
Bromodichloromethane	75-27-4	mg/kg					ND (0.0019)	
Bromoform	75-25-2	mg/kg					ND (0.0049)	
Bromomethane	74-83-9	mg/kg					ND (0.0049)	
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12		ND (0.0097)	
Carbon disulfide	75-15-0	mg/kg	2.7				ND (0.0019)	
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76		ND (0.0019)	
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1		ND (0.0019)	
Chloroethane	75-00-3	mg/kg	1.9				ND (0.0049)	
Chloroform	67-66-3	mg/kg	0.37	49	0.37		ND (0.0019)	
Chloromethane	74-87-3	mg/kg					ND (0.0049)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(16.5-17)	SB-2(3.5-4)	SB-2(3.5-4)
Lab Sample ID:						JD56769-2A	JD56769-3	JD56769-3A
Date Sampled:						12/7/2022 11:20 AM	12/7/2022 11:50 AM	12/7/2022 11:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg					ND (0.0019)	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND (0.0019)	
Dibromochloromethane	124-48-1	mg/kg					ND (0.0019)	
1,2-Dibromoethane	106-93-4	mg/kg					ND (0.00097)	
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1		ND (0.00097)	
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4		ND (0.00097)	
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8		ND (0.00097)	
Dichlorodifluoromethane	75-71-8	mg/kg					ND (0.0049)	
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27		ND (0.00097)	
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02		ND (0.00097)	
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33		ND (0.00097)	
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25		ND (0.00097)	
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19		ND (0.00097)	
1,2-Dichloropropane	78-87-5	mg/kg					ND (0.0019)	
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND (0.0019)	
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND (0.0019)	
Ethylbenzene	100-41-4	mg/kg	1	41	1		ND (0.00097)	
Freon 113	76-13-1	mg/kg	6				ND (0.0049)	
2-Hexanone	591-78-6	mg/kg					ND (0.0049)	
Isopropylbenzene	98-82-8	mg/kg	2.3				ND (0.0019)	
Methyl Acetate	79-20-9	mg/kg					ND (0.0049)	
Methylcyclohexane	108-87-2	mg/kg					ND (0.0019)	
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93		ND (0.00097)	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1				ND (0.0049)	
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05		ND (0.0049)	
Styrene	100-42-5	mg/kg					ND (0.0019)	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6				ND (0.0019)	
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3		ND (0.0019)	
Toluene	108-88-3	mg/kg	0.7	100	0.7		ND (0.00097)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND (0.0049)	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4				ND (0.0049)	
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68		ND (0.0019)	
1,1,2-Trichloroethane	79-00-5	mg/kg					ND (0.0019)	
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47		ND (0.00097)	
Trichlorofluoromethane	75-69-4	mg/kg					ND (0.0049)	
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02		ND (0.0019)	
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26		ND (0.00097)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-1(16.5-17)	SB-2(3.5-4)	SB-2(3.5-4)
Lab Sample ID:						JD56769-2A	JD56769-3	JD56769-3A
Date Sampled:						12/7/2022 11:20 AM	12/7/2022 11:50 AM	12/7/2022 11:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26		ND (0.00097)	
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26		ND (0.00097)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-2(13.5-14)	SB-2(13.5-14)	SB-10(4-4.5)
Lab Sample ID:						JD56769-4	JD56769-4A	JD56856-8
Date Sampled:						12/7/2022 12:15 PM	12/7/2022 12:15 PM	12/8/2022 1:10 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	ND (0.00069)		ND (0.00068)
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	ND (0.00069)		ND (0.00068)
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	ND (0.00069)		ND (0.00068)
delta-BHC	319-86-8	mg/kg	0.25	100	0.04	ND (0.00069)		ND (0.00068)
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1	ND (0.00069)		ND (0.00068)
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	ND (0.00069)		ND (0.00068)
gamma-Chlordane	5103-74-2	mg/kg	14			ND (0.00069)		ND (0.00068)
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	ND (0.00069)		ND (0.00068)
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	ND (0.00069)		ND (0.00068)
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	ND (0.00069)		ND (0.00068)
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.0024 B		0.0029 B
Endrin	72-20-8	mg/kg	0.06	11	0.014	ND (0.00069)		ND (0.00068)
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	ND (0.00069)		ND (0.00068)
Endrin aldehyde	7421-93-4	mg/kg				ND (0.00069)		ND (0.00068)
Endosulfan-I	959-98-8	mg/kg	102	24	2.4	ND (0.00069)		ND (0.00068)
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4	ND (0.00069)		ND (0.00068)
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	ND (0.00069)		ND (0.00068)
Heptachlor epoxide	1024-57-3	mg/kg	0.02			ND (0.00069)		ND (0.00068)
Methoxychlor	72-43-5	mg/kg	900			ND (0.0014)		ND (0.0014)
Endrin ketone	53494-70-5	mg/kg				ND (0.00069)		ND (0.00068)
Toxaphene	8001-35-2	mg/kg				ND (0.017)		ND (0.017)
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.034)
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.034)
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.034)
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.034)
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.034)
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.034)
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.034)
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.034)
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	ND (0.033)		ND (0.034)
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%				95.2		95.5
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27	ND (0.22)		ND (0.23)
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-2(13.5-14)	SB-2(13.5-14)	SB-10(4-4.5)
Lab Sample ID:						JD56769-4	JD56769-4A	JD56856-8
Date Sampled:						12/7/2022 12:15 PM	12/7/2022 12:15 PM	12/8/2022 1:10 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg				3320		9850
Antimony	7440-36-0	mg/kg				ND (2.1)		ND (2.1)
Arsenic	7440-38-2	mg/kg	16	16	13	ND (2.1)		2.1
Barium	7440-39-3	mg/kg	820	400	350	31.7		96.6
Beryllium	7440-41-7	mg/kg	47	72	7.2	ND (0.21)		0.35
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5	ND (0.53)		ND (0.52)
Calcium	7440-70-2	mg/kg				12800		9880
Chromium	7440-47-3	mg/kg		180	30	10.6		19.9
Cobalt	7440-48-4	mg/kg				ND (5.3)		7.2
Copper	7440-50-8	mg/kg	1720	270	50	9.3		30.8
Iron	7439-89-6	mg/kg				9880		16000
Lead	7439-92-1	mg/kg	450	400	63	ND (2.1)		29.7
Magnesium	7439-95-4	mg/kg				6170		5590
Manganese	7439-96-5	mg/kg	2000	2000	1600	116		211
Nickel	7440-02-0	mg/kg	130	310	30	6.9		15.3
Potassium	7440-09-7	mg/kg				ND (1100)		2130
Selenium	7782-49-2	mg/kg	4	180	3.9	ND (2.1)		ND (2.1)
Silver	7440-22-4	mg/kg	8.3	180	2	ND (0.53)		ND (0.52)
Sodium	7440-23-5	mg/kg				ND (1100)		ND (1000)
Thallium	7440-28-0	mg/kg				ND (1.1)		ND (1.0)
Vanadium	7440-62-2	mg/kg				15.3		34.5
Zinc	7440-66-6	mg/kg	2480	10000	109	11.9		47.4
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18	ND (0.032)		0.06
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg					ND (0.84)	
Perfluoropentanoic acid	2706-90-3	ug/kg					ND (0.42)	
Perfluorohexanoic acid	307-24-4	ug/kg					ND (0.21)	
Perfluoroheptanoic acid	375-85-9	ug/kg					ND (0.21)	
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66		ND (0.21)	
Perfluorononanoic acid	375-95-1	ug/kg					ND (0.21)	
Perfluorodecanoic acid	335-76-2	ug/kg					ND (0.21)	
Perfluoroundecanoic acid	2058-94-8	ug/kg					ND (0.21)	
Perfluorododecanoic acid	307-55-1	ug/kg					ND (0.21)	
Perfluorotridecanoic acid	72629-94-8	ug/kg					ND (0.21)	
Perfluorotetradecanoic acid	376-06-7	ug/kg					ND (0.21)	
Perfluorobutanesulfonic acid	375-73-5	ug/kg					ND (0.21)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-2(13.5-14)	SB-2(13.5-14)	SB-10(4-4.5)
Lab Sample ID:						JD56769-4	JD56769-4A	JD56856-8
Date Sampled:						12/7/2022 12:15 PM	12/7/2022 12:15 PM	12/8/2022 1:10 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg					ND (0.21)	
Perfluorohexanesulfonic acid	355-46-4	ug/kg					ND (0.21)	
Perfluoroheptanesulfonic acid	375-92-8	ug/kg					ND (0.21)	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88		ND (0.21)	
Perfluorononanesulfonic acid	68259-12-1	ug/kg					ND (0.21)	
Perfluorodecanesulfonic acid	335-77-3	ug/kg					ND (0.21)	
Perfluorododecanesulfonic acid	79780-39-5	ug/kg					ND (0.21)	
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg					ND (0.84)	
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg					ND (0.84)	
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg					ND (0.84)	
PFOSA	754-91-6	ug/kg					ND (0.21)	
MeFOSA	31506-32-8	ug/kg					ND (0.21)	
EtFOSA	4151-50-2	ug/kg					ND (0.21)	
MeFOSAA	2355-31-9	ug/kg					ND (0.21)	
EtFOSAA	2991-50-6	ug/kg					ND (0.21)	
MeFOSE	24448-09-7	ug/kg					ND (2.1)	
EtFOSE	1691-99-2	ug/kg					ND (2.1)	
HFPO-DA (GenX)	13252-13-6	ug/kg					ND (0.84)	
ADONA	919005-14-4	ug/kg					ND (0.84)	
PFMPA	377-73-1	ug/kg					ND (0.42)	
PFMBA	863090-89-5	ug/kg					ND (0.42)	
NFDHA	151772-58-6	ug/kg					ND (0.42)	
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg					ND (0.84)	
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg					ND (0.84)	
PFEESA	113507-82-7	ug/kg					ND (0.42)	
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg					ND (1.1)	
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg					ND (5.3)	
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg					ND (5.3)	
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg				ND (0.07)		ND (0.068)
4-Chloro-3-methyl phenol	59-50-7	mg/kg				ND (0.17)		ND (0.17)
2,4-Dichlorophenol	120-83-2	mg/kg	0.4			ND (0.17)		ND (0.17)
2,4-Dimethylphenol	105-67-9	mg/kg				ND (0.17)		ND (0.17)
2,4-Dinitrophenol	51-28-5	mg/kg	0.2			ND (0.17)		ND (0.17)
4,6-Dinitro-o-cresol	534-52-1	mg/kg				ND (0.17)		ND (0.17)
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	ND (0.07)		ND (0.068)
3&4-Methylphenol	M+P-CRESOLS	mg/kg				ND (0.07)		ND (0.068)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-2(13.5-14)	SB-2(13.5-14)	SB-10(4-4.5)
Lab Sample ID:						JD56769-4	JD56769-4A	JD56856-8
Date Sampled:						12/7/2022 12:15 PM	12/7/2022 12:15 PM	12/8/2022 1:10 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3			ND (0.17)		ND (0.17)
4-Nitrophenol	100-02-7	mg/kg	0.1			ND (0.35)		ND (0.34)
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	ND (0.14)		ND (0.14)
Phenol	108-95-2	mg/kg	0.33	100	0.33	ND (0.07)		ND (0.068)
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg				ND (0.17)		ND (0.17)
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1			ND (0.17)		ND (0.17)
2,4,6-Trichlorophenol	88-06-2	mg/kg				ND (0.17)		ND (0.17)
Acenaphthene	83-32-9	mg/kg	98	100	20	ND (0.035)		ND (0.034)
Acenaphthylene	208-96-8	mg/kg	107	100	100	ND (0.035)		ND (0.034)
Acetophenone	98-86-2	mg/kg				ND (0.17)		ND (0.17)
Anthracene	120-12-7	mg/kg	1000	100	100	ND (0.035)		ND (0.034)
Atrazine	1912-24-9	mg/kg				ND (0.07)		ND (0.068)
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	ND (0.035)		0.041
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	ND (0.035)		0.0482
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	ND (0.035)		0.0483
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100	ND (0.035)		0.033 J
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	ND (0.035)		0.022 J
4-Bromophenyl phenyl ether	101-55-3	mg/kg				ND (0.07)		ND (0.068)
Butyl benzyl phthalate	85-68-7	mg/kg	122			ND (0.07)		ND (0.068)
1,1'-Biphenyl	92-52-4	mg/kg				ND (0.07)		ND (0.068)
Benzaldehyde	100-52-7	mg/kg				ND (0.17)		ND (0.17)
2-Chloronaphthalene	91-58-7	mg/kg				ND (0.07)		ND (0.068)
4-Chloroaniline	106-47-8	mg/kg	0.22			ND (0.17)		ND (0.17)
Carbazole	86-74-8	mg/kg				ND (0.07)		ND (0.068)
Caprolactam	105-60-2	mg/kg				ND (0.07)		ND (0.068)
Chrysene	218-01-9	mg/kg	1	3.9	1	ND (0.035)		0.0416
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				ND (0.07)		ND (0.068)
bis(2-Chloroethyl)ether	111-44-4	mg/kg				ND (0.07)		ND (0.068)
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg				ND (0.07)		ND (0.068)
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				ND (0.07)		ND (0.068)
2,4-Dinitrotoluene	121-14-2	mg/kg				ND (0.035)		ND (0.034)
2,6-Dinitrotoluene	606-20-2	mg/kg	1			ND (0.035)		ND (0.034)
3,3'-Dichlorobenzidine	91-94-1	mg/kg				ND (0.07)		ND (0.068)
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	ND (0.035)		ND (0.034)
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	ND (0.035)		ND (0.034)
Dibenzofuran	132-64-9	mg/kg	6.2	59	7	ND (0.07)		ND (0.068)
Di-n-butyl phthalate	84-74-2	mg/kg	8.1			ND (0.07)		ND (0.068)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-2(13.5-14)	SB-2(13.5-14)	SB-10(4-4.5)
Lab Sample ID:						JD56769-4	JD56769-4A	JD56856-8
Date Sampled:						12/7/2022 12:15 PM	12/7/2022 12:15 PM	12/8/2022 1:10 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120			ND (0.07)		ND (0.068)
Diethyl phthalate	84-66-2	mg/kg	7.1			ND (0.07)		ND (0.068)
Dimethyl phthalate	131-11-3	mg/kg	27			ND (0.07)		ND (0.068)
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435			ND (0.07)		ND (0.068)
Fluoranthene	206-44-0	mg/kg	1000	100	100	ND (0.035)		0.0769
Fluorene	86-73-7	mg/kg	386	100	30	ND (0.035)		ND (0.034)
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33	ND (0.07)		ND (0.068)
Hexachlorobutadiene	87-68-3	mg/kg				ND (0.035)		ND (0.034)
Hexachlorocyclopentadiene	77-47-4	mg/kg				ND (0.35)		ND (0.34)
Hexachloroethane	67-72-1	mg/kg				ND (0.17)		ND (0.17)
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	ND (0.035)		0.0378
Isophorone	78-59-1	mg/kg	4.4			ND (0.07)		ND (0.068)
2-Methylnaphthalene	91-57-6	mg/kg	36.4			ND (0.035)		ND (0.034)
2-Nitroaniline	88-74-4	mg/kg	0.4			ND (0.17)		ND (0.17)
3-Nitroaniline	99-09-2	mg/kg	0.5			ND (0.17)		ND (0.17)
4-Nitroaniline	100-01-6	mg/kg				ND (0.17)		ND (0.17)
Naphthalene	91-20-3	mg/kg	12	100	12	ND (0.035)		ND (0.034)
Nitrobenzene	98-95-3	mg/kg	0.17	15		ND (0.07)		ND (0.068)
N-Nitroso-di-n-propylamine	621-64-7	mg/kg				ND (0.07)		ND (0.068)
N-Nitrosodiphenylamine	86-30-6	mg/kg				ND (0.17)		ND (0.17)
Phenanthrene	85-01-8	mg/kg	1000	100	100	ND (0.035)		0.0453
Pyrene	129-00-0	mg/kg	1000	100	100	ND (0.035)		0.0702
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				ND (0.17)		ND (0.17)
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05	ND (0.0097)		0.0121
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	ND (0.00049)		ND (0.00047)
Bromochloromethane	74-97-5	mg/kg				ND (0.0049)		ND (0.0047)
Bromodichloromethane	75-27-4	mg/kg				ND (0.0019)		ND (0.0019)
Bromoform	75-25-2	mg/kg				ND (0.0049)		ND (0.0047)
Bromomethane	74-83-9	mg/kg				ND (0.0049)		ND (0.0047)
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12	ND (0.0097)		ND (0.0093)
Carbon disulfide	75-15-0	mg/kg	2.7			ND (0.0019)		ND (0.0019)
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	ND (0.0019)		ND (0.0019)
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	ND (0.0019)		ND (0.0019)
Chloroethane	75-00-3	mg/kg	1.9			ND (0.0049)		ND (0.0047)
Chloroform	67-66-3	mg/kg	0.37	49	0.37	ND (0.0019)		ND (0.0019)
Chloromethane	74-87-3	mg/kg				ND (0.0049)		ND (0.0047)

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White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-2(13.5-14)	SB-2(13.5-14)	SB-10(4-4.5)
Lab Sample ID:						JD56769-4	JD56769-4A	JD56856-8
Date Sampled:						12/7/2022 12:15 PM	12/7/2022 12:15 PM	12/8/2022 1:10 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg				ND (0.0019)		ND (0.0019)
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				ND (0.0019)		ND (0.0019)
Dibromochloromethane	124-48-1	mg/kg				ND (0.0019)		ND (0.0019)
1,2-Dibromoethane	106-93-4	mg/kg				ND (0.00097)		ND (0.00093)
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	ND (0.00097)		ND (0.00093)
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	ND (0.00097)		ND (0.00093)
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	ND (0.00097)		ND (0.00093)
Dichlorodifluoromethane	75-71-8	mg/kg				ND (0.0049)		ND (0.0047)
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	ND (0.00097)		ND (0.00093)
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	ND (0.00097)		ND (0.00093)
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	ND (0.00097)		ND (0.00093)
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	ND (0.00097)		ND (0.00093)
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	ND (0.00097)		ND (0.00093)
1,2-Dichloropropane	78-87-5	mg/kg				ND (0.0019)		ND (0.0019)
cis-1,3-Dichloropropene	10061-01-5	mg/kg				ND (0.0019)		ND (0.0019)
trans-1,3-Dichloropropene	10061-02-6	mg/kg				ND (0.0019)		ND (0.0019)
Ethylbenzene	100-41-4	mg/kg	1	41	1	ND (0.00097)		ND (0.00093)
Freon 113	76-13-1	mg/kg	6			ND (0.0049)		ND (0.0047)
2-Hexanone	591-78-6	mg/kg				ND (0.0049)		ND (0.0047)
Isopropylbenzene	98-82-8	mg/kg	2.3			ND (0.0019)		ND (0.0019)
Methyl Acetate	79-20-9	mg/kg				ND (0.0049)		ND (0.0047)
Methylcyclohexane	108-87-2	mg/kg				ND (0.0019)		ND (0.0019)
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93	ND (0.00097)		ND (0.00093)
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1			ND (0.0049)		ND (0.0047)
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	ND (0.0049)		ND (0.0047)
Styrene	100-42-5	mg/kg				ND (0.0019)		ND (0.0019)
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6			ND (0.0019)		ND (0.0019)
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	ND (0.0019)		ND (0.0019)
Toluene	108-88-3	mg/kg	0.7	100	0.7	ND (0.00097)		ND (0.00093)
1,2,3-Trichlorobenzene	87-61-6	mg/kg				ND (0.0049)		ND (0.0047)
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4			ND (0.0049)		ND (0.0047)
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	ND (0.0019)		ND (0.0019)
1,1,2-Trichloroethane	79-00-5	mg/kg				ND (0.0019)		ND (0.0019)
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	ND (0.00097)		ND (0.00093)
Trichlorofluoromethane	75-69-4	mg/kg				ND (0.0049)		ND (0.0047)
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	ND (0.0019)		ND (0.0019)
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26	ND (0.00097)		ND (0.00093)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-2(13.5-14)	SB-2(13.5-14)	SB-10(4-4.5)
Lab Sample ID:						JD56769-4	JD56769-4A	JD56856-8
Date Sampled:						12/7/2022 12:15 PM	12/7/2022 12:15 PM	12/8/2022 1:10 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26	ND (0.00097)		ND (0.00093)
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26	ND (0.00097)		ND (0.00093)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-10(4-4.5)	SB-10(8-8.5)	SB-10(8-8.5)
Lab Sample ID:						JD56856-8A	JD56856-9	JD56856-9A
Date Sampled:						12/8/2022 1:10 PM	12/8/2022 1:15 PM	12/8/2022 1:15 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005		ND (0.00063)	
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02		ND (0.00063)	
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036		ND (0.00063)	
delta-BHC	319-86-8	mg/kg	0.25	100	0.04		ND (0.00063)	
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1		ND (0.00063)	
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094		ND (0.00063)	
gamma-Chlordane	5103-74-2	mg/kg	14				ND (0.00063)	
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005		ND (0.00063)	
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033		ND (0.00063)	
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033		ND (0.00063)	
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033		0.0011 B	
Endrin	72-20-8	mg/kg	0.06	11	0.014		ND (0.00063)	
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4		ND (0.00063)	
Endrin aldehyde	7421-93-4	mg/kg					ND (0.00063)	
Endosulfan-I	959-98-8	mg/kg	102	24	2.4		ND (0.00063)	
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4		ND (0.00063)	
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042		ND (0.00063)	
Heptachlor epoxide	1024-57-3	mg/kg	0.02				ND (0.00063)	
Methoxychlor	72-43-5	mg/kg	900				ND (0.0013)	
Endrin ketone	53494-70-5	mg/kg					ND (0.00063)	
Toxaphene	8001-35-2	mg/kg					ND (0.016)	
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1		ND (0.032)	
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1		ND (0.032)	
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1		ND (0.032)	
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1		ND (0.032)	
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1		ND (0.032)	
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1		ND (0.032)	
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1		ND (0.032)	
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1		ND (0.032)	
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1		ND (0.032)	
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%					95.2	
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27		ND (0.23)	
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-10(4-4.5)	SB-10(8-8.5)	SB-10(8-8.5)
Lab Sample ID:						JD56856-8A	JD56856-9	JD56856-9A
Date Sampled:						12/8/2022 1:10 PM	12/8/2022 1:15 PM	12/8/2022 1:15 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg					12800	
Antimony	7440-36-0	mg/kg					ND (4.3)	
Arsenic	7440-38-2	mg/kg	16	16	13		ND (4.3)	
Barium	7440-39-3	mg/kg	820	400	350		235	
Beryllium	7440-41-7	mg/kg	47	72	7.2		ND (0.43)	
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5		ND (1.1)	
Calcium	7440-70-2	mg/kg					4860	
Chromium	7440-47-3	mg/kg		180	30		27.6	
Cobalt	7440-48-4	mg/kg					ND (11)	
Copper	7440-50-8	mg/kg	1720	270	50		12.5	
Iron	7439-89-6	mg/kg					25400	
Lead	7439-92-1	mg/kg	450	400	63		5.8	
Magnesium	7439-95-4	mg/kg					7400	
Manganese	7439-96-5	mg/kg	2000	2000	1600		273	
Nickel	7440-02-0	mg/kg	130	310	30		18.2	
Potassium	7440-09-7	mg/kg					6720	
Selenium	7782-49-2	mg/kg	4	180	3.9		ND (4.3)	
Silver	7440-22-4	mg/kg	8.3	180	2		1.8	
Sodium	7440-23-5	mg/kg					ND (1100)	
Thallium	7440-28-0	mg/kg					ND (2.2)	
Vanadium	7440-62-2	mg/kg					38.9	
Zinc	7440-66-6	mg/kg	2480	10000	109		61.1	
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18		ND (0.031)	
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg				ND (0.83)		ND (0.84)
Perfluoropentanoic acid	2706-90-3	ug/kg				ND (0.42)		ND (0.42)
Perfluorohexanoic acid	307-24-4	ug/kg				ND (0.21)		ND (0.21)
Perfluoroheptanoic acid	375-85-9	ug/kg				ND (0.21)		ND (0.21)
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	ND (0.21)		ND (0.21)
Perfluorononanoic acid	375-95-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorodecanoic acid	335-76-2	ug/kg				ND (0.21)		ND (0.21)
Perfluoroundecanoic acid	2058-94-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorododecanoic acid	307-55-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorotridecanoic acid	72629-94-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorotetradecanoic acid	376-06-7	ug/kg				ND (0.21)		ND (0.21)
Perfluorobutanesulfonic acid	375-73-5	ug/kg				ND (0.21)		ND (0.21)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-10(4-4.5)	SB-10(8-8.5)	SB-10(8-8.5)
Lab Sample ID:						JD56856-8A	JD56856-9	JD56856-9A
Date Sampled:						12/8/2022 1:10 PM	12/8/2022 1:15 PM	12/8/2022 1:15 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg				ND (0.21)		ND (0.21)
Perfluorohexanesulfonic acid	355-46-4	ug/kg				ND (0.21)		ND (0.21)
Perfluoroheptanesulfonic acid	375-92-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	0.15 J		ND (0.21)
Perfluorononanesulfonic acid	68259-12-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorodecanesulfonic acid	335-77-3	ug/kg				ND (0.21)		ND (0.21)
Perfluorododecanesulfonic acid	79780-39-5	ug/kg				ND (0.21)		ND (0.21)
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg				ND (0.83)		ND (0.84)
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg				ND (0.83)		ND (0.84)
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg				ND (0.83)		ND (0.84)
PFOSA	754-91-6	ug/kg				ND (0.21)		ND (0.21)
MeFOSA	31506-32-8	ug/kg				ND (0.21)		ND (0.21)
EtFOSA	4151-50-2	ug/kg				ND (0.21)		ND (0.21)
MeFOSAA	2355-31-9	ug/kg				ND (0.21)		ND (0.21)
EtFOSAA	2991-50-6	ug/kg				ND (0.21)		ND (0.21)
MeFOSE	24448-09-7	ug/kg				ND (2.1)		ND (2.1)
EtFOSE	1691-99-2	ug/kg				ND (2.1)		ND (2.1)
HFPO-DA (GenX)	13252-13-6	ug/kg				ND (0.83)		ND (0.84)
ADONA	919005-14-4	ug/kg				ND (0.83)		ND (0.84)
PFMPA	377-73-1	ug/kg				ND (0.42)		ND (0.42)
PFMBA	863090-89-5	ug/kg				ND (0.42)		ND (0.42)
NFDHA	151772-58-6	ug/kg				ND (0.42)		ND (0.42)
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg				ND (0.83)		ND (0.84)
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg				ND (0.83)		ND (0.84)
PFEESA	113507-82-7	ug/kg				ND (0.42)		ND (0.42)
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg				ND (1.0)		ND (1.0)
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg				ND (5.2)		ND (5.2)
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg				ND (5.2)		ND (5.2)
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg					ND (0.068)	
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND (0.17)	
2,4-Dichlorophenol	120-83-2	mg/kg	0.4				ND (0.17)	
2,4-Dimethylphenol	105-67-9	mg/kg					ND (0.17)	
2,4-Dinitrophenol	51-28-5	mg/kg	0.2				ND (0.17)	
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND (0.17)	
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33		ND (0.068)	
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND (0.068)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-10(4-4.5)	SB-10(8-8.5)	SB-10(8-8.5)
Lab Sample ID:						JD56856-8A	JD56856-9	JD56856-9A
Date Sampled:						12/8/2022 1:10 PM	12/8/2022 1:15 PM	12/8/2022 1:15 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3				ND (0.17)	
4-Nitrophenol	100-02-7	mg/kg	0.1				ND (0.34)	
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8		ND (0.14)	
Phenol	108-95-2	mg/kg	0.33	100	0.33		ND (0.068)	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND (0.17)	
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1				ND (0.17)	
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND (0.17)	
Acenaphthene	83-32-9	mg/kg	98	100	20		ND (0.034)	
Acenaphthylene	208-96-8	mg/kg	107	100	100		ND (0.034)	
Acetophenone	98-86-2	mg/kg					ND (0.17)	
Anthracene	120-12-7	mg/kg	1000	100	100		ND (0.034)	
Atrazine	1912-24-9	mg/kg					ND (0.068)	
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1		ND (0.034)	
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1		ND (0.034)	
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1		ND (0.034)	
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100		ND (0.034)	
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8		ND (0.034)	
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND (0.068)	
Butyl benzyl phthalate	85-68-7	mg/kg	122				ND (0.068)	
1,1'-Biphenyl	92-52-4	mg/kg					ND (0.068)	
Benzaldehyde	100-52-7	mg/kg					ND (0.17)	
2-Chloronaphthalene	91-58-7	mg/kg					ND (0.068)	
4-Chloroaniline	106-47-8	mg/kg	0.22				ND (0.17)	
Carbazole	86-74-8	mg/kg					ND (0.068)	
Caprolactam	105-60-2	mg/kg					ND (0.068)	
Chrysene	218-01-9	mg/kg	1	3.9	1		ND (0.034)	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND (0.068)	
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND (0.068)	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND (0.068)	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND (0.068)	
2,4-Dinitrotoluene	121-14-2	mg/kg					ND (0.034)	
2,6-Dinitrotoluene	606-20-2	mg/kg	1				ND (0.034)	
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND (0.068)	
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1		ND (0.034)	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33		ND (0.034)	
Dibenzofuran	132-64-9	mg/kg	6.2	59	7		ND (0.068)	
Di-n-butyl phthalate	84-74-2	mg/kg	8.1				ND (0.068)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-10(4-4.5)	SB-10(8-8.5)	SB-10(8-8.5)
Lab Sample ID:						JD56856-8A	JD56856-9	JD56856-9A
Date Sampled:						12/8/2022 1:10 PM	12/8/2022 1:15 PM	12/8/2022 1:15 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120				ND (0.068)	
Diethyl phthalate	84-66-2	mg/kg	7.1				ND (0.068)	
Dimethyl phthalate	131-11-3	mg/kg	27				ND (0.068)	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435				ND (0.068)	
Fluoranthene	206-44-0	mg/kg	1000	100	100		ND (0.034)	
Fluorene	86-73-7	mg/kg	386	100	30		ND (0.034)	
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33		ND (0.068)	
Hexachlorobutadiene	87-68-3	mg/kg					ND (0.034)	
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND (0.34)	
Hexachloroethane	67-72-1	mg/kg					ND (0.17)	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5		ND (0.034)	
Isophorone	78-59-1	mg/kg	4.4				ND (0.068)	
2-Methylnaphthalene	91-57-6	mg/kg	36.4				ND (0.034)	
2-Nitroaniline	88-74-4	mg/kg	0.4				ND (0.17)	
3-Nitroaniline	99-09-2	mg/kg	0.5				ND (0.17)	
4-Nitroaniline	100-01-6	mg/kg					ND (0.17)	
Naphthalene	91-20-3	mg/kg	12	100	12		ND (0.034)	
Nitrobenzene	98-95-3	mg/kg	0.17	15			ND (0.068)	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND (0.068)	
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND (0.17)	
Phenanthrene	85-01-8	mg/kg	1000	100	100		ND (0.034)	
Pyrene	129-00-0	mg/kg	1000	100	100		0.0113 J	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND (0.17)	
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05		0.0193	
Benzene	71-43-2	mg/kg	0.06	4.8	0.06		ND (0.0005)	
Bromochloromethane	74-97-5	mg/kg					ND (0.005)	
Bromodichloromethane	75-27-4	mg/kg					ND (0.002)	
Bromoform	75-25-2	mg/kg					ND (0.005)	
Bromomethane	74-83-9	mg/kg					ND (0.005)	
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12		0.0032 J	
Carbon disulfide	75-15-0	mg/kg	2.7				ND (0.002)	
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76		ND (0.002)	
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1		ND (0.002)	
Chloroethane	75-00-3	mg/kg	1.9				ND (0.005)	
Chloroform	67-66-3	mg/kg	0.37	49	0.37		ND (0.002)	
Chloromethane	74-87-3	mg/kg					ND (0.005)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-10(4-4.5)	SB-10(8-8.5)	SB-10(8-8.5)
Lab Sample ID:						JD56856-8A	JD56856-9	JD56856-9A
Date Sampled:						12/8/2022 1:10 PM	12/8/2022 1:15 PM	12/8/2022 1:15 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg					ND (0.002)	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND (0.002)	
Dibromochloromethane	124-48-1	mg/kg					ND (0.002)	
1,2-Dibromoethane	106-93-4	mg/kg					ND (0.00099)	
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1		ND (0.00099)	
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4		ND (0.00099)	
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8		ND (0.00099)	
Dichlorodifluoromethane	75-71-8	mg/kg					ND (0.005)	
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27		ND (0.00099)	
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02		ND (0.00099)	
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33		ND (0.00099)	
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25		ND (0.00099)	
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19		ND (0.00099)	
1,2-Dichloropropane	78-87-5	mg/kg					ND (0.002)	
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND (0.002)	
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND (0.002)	
Ethylbenzene	100-41-4	mg/kg	1	41	1		ND (0.00099)	
Freon 113	76-13-1	mg/kg	6				ND (0.005)	
2-Hexanone	591-78-6	mg/kg					ND (0.005)	
Isopropylbenzene	98-82-8	mg/kg	2.3				ND (0.002)	
Methyl Acetate	79-20-9	mg/kg					ND (0.005)	
Methylcyclohexane	108-87-2	mg/kg					ND (0.002)	
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93		ND (0.00099)	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1				ND (0.005)	
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05		ND (0.005)	
Styrene	100-42-5	mg/kg					ND (0.002)	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6				ND (0.002)	
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3		ND (0.002)	
Toluene	108-88-3	mg/kg	0.7	100	0.7		ND (0.00099)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND (0.005)	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4				ND (0.005)	
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68		ND (0.002)	
1,1,2-Trichloroethane	79-00-5	mg/kg					ND (0.002)	
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47		ND (0.00099)	
Trichlorofluoromethane	75-69-4	mg/kg					ND (0.005)	
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02		ND (0.002)	
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26		ND (0.00099)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-10(4-4.5)	SB-10(8-8.5)	SB-10(8-8.5)
Lab Sample ID:						JD56856-8A	JD56856-9	JD56856-9A
Date Sampled:						12/8/2022 1:10 PM	12/8/2022 1:15 PM	12/8/2022 1:15 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26		ND (0.00099)	
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26		ND (0.00099)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(7-7.5)	SB-12(7-7.5)	SB-12(15-15.5)
Lab Sample ID:						JD56856-10	JD56856-10A	JD56856-11
Date Sampled:						12/8/2022 2:20 PM	12/8/2022 2:20 PM	12/8/2022 2:25 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	ND (0.00064)		ND (0.00065)
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	ND (0.00064)		ND (0.00065)
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	ND (0.00064)		ND (0.00065)
delta-BHC	319-86-8	mg/kg	0.25	100	0.04	ND (0.00064)		ND (0.00065)
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1	ND (0.00064)		ND (0.00065)
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	ND (0.00064)		ND (0.00065)
gamma-Chlordane	5103-74-2	mg/kg	14			ND (0.00064)		ND (0.00065)
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	ND (0.00064)		ND (0.00065)
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	ND (0.00064)		ND (0.00065)
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	ND (0.00064)		ND (0.00065)
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.0019 B		0.0037 B
Endrin	72-20-8	mg/kg	0.06	11	0.014	ND (0.00064)		ND (0.00065)
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	ND (0.00064)		ND (0.00065)
Endrin aldehyde	7421-93-4	mg/kg				ND (0.00064)		ND (0.00065)
Endosulfan-I	959-98-8	mg/kg	102	24	2.4	ND (0.00064)		ND (0.00065)
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4	ND (0.00064)		ND (0.00065)
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	ND (0.00064)		ND (0.00065)
Heptachlor epoxide	1024-57-3	mg/kg	0.02			ND (0.00064)		ND (0.00065)
Methoxychlor	72-43-5	mg/kg	900			ND (0.0013)		ND (0.0013)
Endrin ketone	53494-70-5	mg/kg				ND (0.00064)		ND (0.00065)
Toxaphene	8001-35-2	mg/kg				ND (0.016)		ND (0.016)
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	ND (0.032)		ND (0.034)
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	ND (0.032)		ND (0.034)
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	ND (0.032)		ND (0.034)
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	ND (0.032)		ND (0.034)
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	ND (0.032)		ND (0.034)
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	ND (0.032)		ND (0.034)
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	ND (0.032)		ND (0.034)
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	ND (0.032)		ND (0.034)
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	ND (0.032)		ND (0.034)
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%				96.4		96.3
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27	ND (0.25)		ND (0.24)
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(7-7.5)	SB-12(7-7.5)	SB-12(15-15.5)
Lab Sample ID:						JD56856-10	JD56856-10A	JD56856-11
Date Sampled:						12/8/2022 2:20 PM	12/8/2022 2:20 PM	12/8/2022 2:25 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg				7000		2160
Antimony	7440-36-0	mg/kg				ND (2.1)		ND (2.0)
Arsenic	7440-38-2	mg/kg	16	16	13	ND (2.1)		ND (2.0)
Barium	7440-39-3	mg/kg	820	400	350	71.8		28.3
Beryllium	7440-41-7	mg/kg	47	72	7.2	0.25		ND (0.20)
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5	ND (0.52)		ND (0.50)
Calcium	7440-70-2	mg/kg				2130		8010
Chromium	7440-47-3	mg/kg		180	30	11.7		5.4
Cobalt	7440-48-4	mg/kg				ND (5.2)		ND (5.0)
Copper	7440-50-8	mg/kg	1720	270	50	9.8		5.5
Iron	7439-89-6	mg/kg				11300		8460
Lead	7439-92-1	mg/kg	450	400	63	ND (2.1)		ND (2.0)
Magnesium	7439-95-4	mg/kg				3200		4310
Manganese	7439-96-5	mg/kg	2000	2000	1600	206		135
Nickel	7440-02-0	mg/kg	130	310	30	9.4		4.1
Potassium	7440-09-7	mg/kg				1360		ND (1000)
Selenium	7782-49-2	mg/kg	4	180	3.9	ND (2.1)		ND (2.0)
Silver	7440-22-4	mg/kg	8.3	180	2	ND (0.52)		ND (0.50)
Sodium	7440-23-5	mg/kg				ND (1000)		ND (1000)
Thallium	7440-28-0	mg/kg				ND (1.0)		ND (1.0)
Vanadium	7440-62-2	mg/kg				20.6		9.9
Zinc	7440-66-6	mg/kg	2480	10000	109	20		9
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18	ND (0.032)		ND (0.033)
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg					ND (0.83)	
Perfluoropentanoic acid	2706-90-3	ug/kg					ND (0.42)	
Perfluorohexanoic acid	307-24-4	ug/kg					ND (0.21)	
Perfluoroheptanoic acid	375-85-9	ug/kg					ND (0.21)	
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66		ND (0.21)	
Perfluorononanoic acid	375-95-1	ug/kg					ND (0.21)	
Perfluorodecanoic acid	335-76-2	ug/kg					ND (0.21)	
Perfluoroundecanoic acid	2058-94-8	ug/kg					ND (0.21)	
Perfluorododecanoic acid	307-55-1	ug/kg					ND (0.21)	
Perfluorotridecanoic acid	72629-94-8	ug/kg					ND (0.21)	
Perfluorotetradecanoic acid	376-06-7	ug/kg					ND (0.21)	
Perfluorobutanesulfonic acid	375-73-5	ug/kg					ND (0.21)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(7-7.5)	SB-12(7-7.5)	SB-12(15-15.5)
Lab Sample ID:						JD56856-10	JD56856-10A	JD56856-11
Date Sampled:						12/8/2022 2:20 PM	12/8/2022 2:20 PM	12/8/2022 2:25 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg					ND (0.21)	
Perfluorohexanesulfonic acid	355-46-4	ug/kg					ND (0.21)	
Perfluoroheptanesulfonic acid	375-92-8	ug/kg					ND (0.21)	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88		ND (0.21)	
Perfluorononanesulfonic acid	68259-12-1	ug/kg					ND (0.21)	
Perfluorodecanesulfonic acid	335-77-3	ug/kg					ND (0.21)	
Perfluorododecanesulfonic acid	79780-39-5	ug/kg					ND (0.21)	
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg					ND (0.83)	
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg					ND (0.83)	
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg					ND (0.83)	
PFOSA	754-91-6	ug/kg					ND (0.21)	
MeFOSA	31506-32-8	ug/kg					ND (0.21)	
EtFOSA	4151-50-2	ug/kg					ND (0.21)	
MeFOSAA	2355-31-9	ug/kg					ND (0.21)	
EtFOSAA	2991-50-6	ug/kg					ND (0.21)	
MeFOSE	24448-09-7	ug/kg					ND (2.1)	
EtFOSE	1691-99-2	ug/kg					ND (2.1)	
HFPO-DA (GenX)	13252-13-6	ug/kg					ND (0.83)	
ADONA	919005-14-4	ug/kg					ND (0.83)	
PFMPA	377-73-1	ug/kg					ND (0.42)	
PFMBA	863090-89-5	ug/kg					ND (0.42)	
NFDHA	151772-58-6	ug/kg					ND (0.42)	
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg					ND (0.83)	
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg					ND (0.83)	
PFEESA	113507-82-7	ug/kg					ND (0.42)	
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg					ND (1.0)	
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg					ND (5.2)	
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg					ND (5.2)	
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg				ND (0.068)		ND (0.069)
4-Chloro-3-methyl phenol	59-50-7	mg/kg				ND (0.17)		ND (0.17)
2,4-Dichlorophenol	120-83-2	mg/kg	0.4			ND (0.17)		ND (0.17)
2,4-Dimethylphenol	105-67-9	mg/kg				ND (0.17)		ND (0.17)
2,4-Dinitrophenol	51-28-5	mg/kg	0.2			ND (0.17)		ND (0.17)
4,6-Dinitro-o-cresol	534-52-1	mg/kg				ND (0.17)		ND (0.17)
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	ND (0.068)		ND (0.069)
3&4-Methylphenol	M+P-CRESOLS	mg/kg				ND (0.068)		ND (0.069)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(7-7.5)	SB-12(7-7.5)	SB-12(15-15.5)
Lab Sample ID:						JD56856-10	JD56856-10A	JD56856-11
Date Sampled:						12/8/2022 2:20 PM	12/8/2022 2:20 PM	12/8/2022 2:25 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3			ND (0.17)		ND (0.17)
4-Nitrophenol	100-02-7	mg/kg	0.1			ND (0.34)		ND (0.34)
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	ND (0.14)		ND (0.14)
Phenol	108-95-2	mg/kg	0.33	100	0.33	ND (0.068)		ND (0.069)
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg				ND (0.17)		ND (0.17)
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1			ND (0.17)		ND (0.17)
2,4,6-Trichlorophenol	88-06-2	mg/kg				ND (0.17)		ND (0.17)
Acenaphthene	83-32-9	mg/kg	98	100	20	ND (0.034)		ND (0.034)
Acenaphthylene	208-96-8	mg/kg	107	100	100	ND (0.034)		ND (0.034)
Acetophenone	98-86-2	mg/kg				ND (0.17)		ND (0.17)
Anthracene	120-12-7	mg/kg	1000	100	100	ND (0.034)		ND (0.034)
Atrazine	1912-24-9	mg/kg				ND (0.068)		ND (0.069)
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	ND (0.034)		ND (0.034)
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	ND (0.034)		ND (0.034)
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	ND (0.034)		ND (0.034)
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100	ND (0.034)		ND (0.034)
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	ND (0.034)		ND (0.034)
4-Bromophenyl phenyl ether	101-55-3	mg/kg				ND (0.068)		ND (0.069)
Butyl benzyl phthalate	85-68-7	mg/kg	122			ND (0.068)		ND (0.069)
1,1'-Biphenyl	92-52-4	mg/kg				ND (0.068)		ND (0.069)
Benzaldehyde	100-52-7	mg/kg				ND (0.17)		ND (0.17)
2-Chloronaphthalene	91-58-7	mg/kg				ND (0.068)		ND (0.069)
4-Chloroaniline	106-47-8	mg/kg	0.22			ND (0.17)		ND (0.17)
Carbazole	86-74-8	mg/kg				ND (0.068)		ND (0.069)
Caprolactam	105-60-2	mg/kg				ND (0.068)		ND (0.069)
Chrysene	218-01-9	mg/kg	1	3.9	1	ND (0.034)		ND (0.034)
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				ND (0.068)		ND (0.069)
bis(2-Chloroethyl)ether	111-44-4	mg/kg				ND (0.068)		ND (0.069)
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg				ND (0.068)		ND (0.069)
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				ND (0.068)		ND (0.069)
2,4-Dinitrotoluene	121-14-2	mg/kg				ND (0.034)		ND (0.034)
2,6-Dinitrotoluene	606-20-2	mg/kg	1			ND (0.034)		ND (0.034)
3,3'-Dichlorobenzidine	91-94-1	mg/kg				ND (0.068)		ND (0.069)
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	ND (0.034)		ND (0.034)
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	ND (0.034)		ND (0.034)
Dibenzofuran	132-64-9	mg/kg	6.2	59	7	ND (0.068)		ND (0.069)
Di-n-butyl phthalate	84-74-2	mg/kg	8.1			ND (0.068)		ND (0.069)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(7-7.5)	SB-12(7-7.5)	SB-12(15-15.5)
Lab Sample ID:						JD56856-10	JD56856-10A	JD56856-11
Date Sampled:						12/8/2022 2:20 PM	12/8/2022 2:20 PM	12/8/2022 2:25 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120			ND (0.068)		ND (0.069)
Diethyl phthalate	84-66-2	mg/kg	7.1			ND (0.068)		ND (0.069)
Dimethyl phthalate	131-11-3	mg/kg	27			ND (0.068)		ND (0.069)
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435			ND (0.068)		ND (0.069)
Fluoranthene	206-44-0	mg/kg	1000	100	100	ND (0.034)		ND (0.034)
Fluorene	86-73-7	mg/kg	386	100	30	ND (0.034)		ND (0.034)
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33	ND (0.068)		ND (0.069)
Hexachlorobutadiene	87-68-3	mg/kg				ND (0.034)		ND (0.034)
Hexachlorocyclopentadiene	77-47-4	mg/kg				ND (0.34)		ND (0.34)
Hexachloroethane	67-72-1	mg/kg				ND (0.17)		ND (0.17)
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	ND (0.034)		ND (0.034)
Isophorone	78-59-1	mg/kg	4.4			ND (0.068)		ND (0.069)
2-Methylnaphthalene	91-57-6	mg/kg	36.4			ND (0.034)		ND (0.034)
2-Nitroaniline	88-74-4	mg/kg	0.4			ND (0.17)		ND (0.17)
3-Nitroaniline	99-09-2	mg/kg	0.5			ND (0.17)		ND (0.17)
4-Nitroaniline	100-01-6	mg/kg				ND (0.17)		ND (0.17)
Naphthalene	91-20-3	mg/kg	12	100	12	ND (0.034)		ND (0.034)
Nitrobenzene	98-95-3	mg/kg	0.17	15		ND (0.068)		ND (0.069)
N-Nitroso-di-n-propylamine	621-64-7	mg/kg				ND (0.068)		ND (0.069)
N-Nitrosodiphenylamine	86-30-6	mg/kg				ND (0.17)		ND (0.17)
Phenanthrene	85-01-8	mg/kg	1000	100	100	ND (0.034)		ND (0.034)
Pyrene	129-00-0	mg/kg	1000	100	100	ND (0.034)		ND (0.034)
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				ND (0.17)		ND (0.17)
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05	ND (0.0093)		ND (0.011)
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	ND (0.00046)		ND (0.00054)
Bromochloromethane	74-97-5	mg/kg				ND (0.0046)		ND (0.0054)
Bromodichloromethane	75-27-4	mg/kg				ND (0.0019)		ND (0.0022)
Bromoform	75-25-2	mg/kg				ND (0.0046)		ND (0.0054)
Bromomethane	74-83-9	mg/kg				ND (0.0046)		ND (0.0054)
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12	ND (0.0093)		ND (0.011)
Carbon disulfide	75-15-0	mg/kg	2.7			ND (0.0019)		ND (0.0022)
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	ND (0.0019)		ND (0.0022)
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	ND (0.0019)		ND (0.0022)
Chloroethane	75-00-3	mg/kg	1.9			ND (0.0046)		ND (0.0054)
Chloroform	67-66-3	mg/kg	0.37	49	0.37	ND (0.0019)		ND (0.0022)
Chloromethane	74-87-3	mg/kg				ND (0.0046)		ND (0.0054)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(7-7.5)	SB-12(7-7.5)	SB-12(15-15.5)
Lab Sample ID:						JD56856-10	JD56856-10A	JD56856-11
Date Sampled:						12/8/2022 2:20 PM	12/8/2022 2:20 PM	12/8/2022 2:25 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg				ND (0.0019)		ND (0.0022)
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				ND (0.0019)		ND (0.0022)
Dibromochloromethane	124-48-1	mg/kg				ND (0.0019)		ND (0.0022)
1,2-Dibromoethane	106-93-4	mg/kg				ND (0.00093)		ND (0.0011)
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	ND (0.00093)		ND (0.0011)
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	ND (0.00093)		ND (0.0011)
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	ND (0.00093)		ND (0.0011)
Dichlorodifluoromethane	75-71-8	mg/kg				ND (0.0046)		ND (0.0054)
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	ND (0.00093)		ND (0.0011)
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	ND (0.00093)		ND (0.0011)
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	ND (0.00093)		ND (0.0011)
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	ND (0.00093)		ND (0.0011)
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	ND (0.00093)		ND (0.0011)
1,2-Dichloropropane	78-87-5	mg/kg				ND (0.0019)		ND (0.0022)
cis-1,3-Dichloropropene	10061-01-5	mg/kg				ND (0.0019)		ND (0.0022)
trans-1,3-Dichloropropene	10061-02-6	mg/kg				ND (0.0019)		ND (0.0022)
Ethylbenzene	100-41-4	mg/kg	1	41	1	ND (0.00093)		ND (0.0011)
Freon 113	76-13-1	mg/kg	6			ND (0.0046)		ND (0.0054)
2-Hexanone	591-78-6	mg/kg				ND (0.0046)		ND (0.0054)
Isopropylbenzene	98-82-8	mg/kg	2.3			ND (0.0019)		ND (0.0022)
Methyl Acetate	79-20-9	mg/kg				ND (0.0046)		ND (0.0054)
Methylcyclohexane	108-87-2	mg/kg				ND (0.0019)		ND (0.0022)
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93	ND (0.00093)		ND (0.0011)
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1			ND (0.0046)		ND (0.0054)
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	ND (0.0046)		ND (0.0054)
Styrene	100-42-5	mg/kg				ND (0.0019)		ND (0.0022)
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6			ND (0.0019)		ND (0.0022)
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	ND (0.0019)		ND (0.0022)
Toluene	108-88-3	mg/kg	0.7	100	0.7	ND (0.00093)		ND (0.0011)
1,2,3-Trichlorobenzene	87-61-6	mg/kg				ND (0.0046)		ND (0.0054)
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4			ND (0.0046)		ND (0.0054)
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	ND (0.0019)		ND (0.0022)
1,1,2-Trichloroethane	79-00-5	mg/kg				ND (0.0019)		ND (0.0022)
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	ND (0.00093)		ND (0.0011)
Trichlorofluoromethane	75-69-4	mg/kg				ND (0.0046)		ND (0.0054)
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	ND (0.0019)		ND (0.0022)
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26	ND (0.00093)		ND (0.0011)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(7-7.5)	SB-12(7-7.5)	SB-12(15-15.5)
Lab Sample ID:						JD56856-10	JD56856-10A	JD56856-11
Date Sampled:						12/8/2022 2:20 PM	12/8/2022 2:20 PM	12/8/2022 2:25 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26	ND (0.00093)		ND (0.0011)
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26	ND (0.00093)		ND (0.0011)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(15-15.5)	SB-11(5-5.5')	SB-11(5-5.5')
Lab Sample ID:						JD56856-11A	JD56962-1	JD56962-1A
Date Sampled:						12/8/2022 2:25 PM	12/9/2022 10:05 AM	12/9/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005		ND (0.00069)	
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02		ND (0.00069)	
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036		ND (0.00069)	
delta-BHC	319-86-8	mg/kg	0.25	100	0.04		ND (0.00069)	
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1		ND (0.00069)	
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094		0.0028	
gamma-Chlordane	5103-74-2	mg/kg	14				0.0031	
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005		0.00057 J	
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033		0.013	
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033		0.0052	
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033		0.0069 B	
Endrin	72-20-8	mg/kg	0.06	11	0.014		ND (0.00069)	
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4		ND (0.00069)	
Endrin aldehyde	7421-93-4	mg/kg					ND (0.00069)	
Endosulfan-I	959-98-8	mg/kg	102	24	2.4		ND (0.00069)	
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4		ND (0.00069)	
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042		ND (0.00069)	
Heptachlor epoxide	1024-57-3	mg/kg	0.02				ND (0.00069)	
Methoxychlor	72-43-5	mg/kg	900				ND (0.0014)	
Endrin ketone	53494-70-5	mg/kg					ND (0.00069)	
Toxaphene	8001-35-2	mg/kg					ND (0.017)	
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1		ND (0.035)	
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%					94.2	
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27		ND (0.22)	
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(15-15.5)	SB-11(5-5.5')	SB-11(5-5.5')
Lab Sample ID:						JD56856-11A	JD56962-1	JD56962-1A
Date Sampled:						12/8/2022 2:25 PM	12/9/2022 10:05 AM	12/9/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg					10700	
Antimony	7440-36-0	mg/kg					ND (2.2)	
Arsenic	7440-38-2	mg/kg	16	16	13		2.3	
Barium	7440-39-3	mg/kg	820	400	350		71.1	
Beryllium	7440-41-7	mg/kg	47	72	7.2		0.38	
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5		ND (0.55)	
Calcium	7440-70-2	mg/kg					7480	
Chromium	7440-47-3	mg/kg		180	30		16.8	
Cobalt	7440-48-4	mg/kg					6.7	
Copper	7440-50-8	mg/kg	1720	270	50		13.4	
Iron	7439-89-6	mg/kg					15300	
Lead	7439-92-1	mg/kg	450	400	63		8.7	
Magnesium	7439-95-4	mg/kg					3670	
Manganese	7439-96-5	mg/kg	2000	2000	1600		358	
Nickel	7440-02-0	mg/kg	130	310	30		12.8	
Potassium	7440-09-7	mg/kg					1550	
Selenium	7782-49-2	mg/kg	4	180	3.9		ND (2.2)	
Silver	7440-22-4	mg/kg	8.3	180	2		0.8	
Sodium	7440-23-5	mg/kg					ND (1100)	
Thallium	7440-28-0	mg/kg					ND (1.1)	
Vanadium	7440-62-2	mg/kg					25.4	
Zinc	7440-66-6	mg/kg	2480	10000	109		47.4	
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18		ND (0.035)	
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg				ND (0.83)		ND (0.84)
Perfluoropentanoic acid	2706-90-3	ug/kg				ND (0.41)		ND (0.42)
Perfluorohexanoic acid	307-24-4	ug/kg				ND (0.21)		ND (0.21)
Perfluoroheptanoic acid	375-85-9	ug/kg				ND (0.21)		ND (0.21)
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	ND (0.21)		ND (0.21)
Perfluorononanoic acid	375-95-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorodecanoic acid	335-76-2	ug/kg				ND (0.21)		ND (0.21)
Perfluoroundecanoic acid	2058-94-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorododecanoic acid	307-55-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorotridecanoic acid	72629-94-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorotetradecanoic acid	376-06-7	ug/kg				ND (0.21)		ND (0.21)
Perfluorobutanesulfonic acid	375-73-5	ug/kg				ND (0.21)		ND (0.21)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(15-15.5)	SB-11(5-5.5')	SB-11(5-5.5')
Lab Sample ID:						JD56856-11A	JD56962-1	JD56962-1A
Date Sampled:						12/8/2022 2:25 PM	12/9/2022 10:05 AM	12/9/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg				ND (0.21)		ND (0.21)
Perfluorohexanesulfonic acid	355-46-4	ug/kg				ND (0.21)		ND (0.21)
Perfluoroheptanesulfonic acid	375-92-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	ND (0.21)		ND (0.21)
Perfluorononanesulfonic acid	68259-12-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorodecanesulfonic acid	335-77-3	ug/kg				ND (0.21)		ND (0.21)
Perfluorododecanesulfonic acid	79780-39-5	ug/kg				ND (0.21)		ND (0.21)
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg				ND (0.83)		ND (0.84)
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg				ND (0.83)		ND (0.84)
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg				ND (0.83)		ND (0.84)
PFOSA	754-91-6	ug/kg				ND (0.21)		ND (0.21)
MeFOSA	31506-32-8	ug/kg				ND (0.21)		ND (0.21)
EtFOSA	4151-50-2	ug/kg				ND (0.21)		ND (0.21)
MeFOSAA	2355-31-9	ug/kg				ND (0.21)		ND (0.21)
EtFOSAA	2991-50-6	ug/kg				ND (0.21)		ND (0.21)
MeFOSE	24448-09-7	ug/kg				ND (2.1)		ND (2.1)
EtFOSE	1691-99-2	ug/kg				ND (2.1)		ND (2.1)
HFPO-DA (GenX)	13252-13-6	ug/kg				ND (0.83)		ND (0.84)
ADONA	919005-14-4	ug/kg				ND (0.83)		ND (0.84)
PFMPA	377-73-1	ug/kg				ND (0.41)		ND (0.42)
PFMBA	863090-89-5	ug/kg				ND (0.41)		ND (0.42)
NFDHA	151772-58-6	ug/kg				ND (0.41)		ND (0.42)
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg				ND (0.83)		ND (0.84)
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg				ND (0.83)		ND (0.84)
PFEESA	113507-82-7	ug/kg				ND (0.41)		ND (0.42)
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg				ND (1.0)		ND (1.1)
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg				ND (5.2)		ND (5.3)
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg				ND (5.2)		ND (5.3)
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg					ND (0.07)	
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND (0.17)	
2,4-Dichlorophenol	120-83-2	mg/kg	0.4				ND (0.17)	
2,4-Dimethylphenol	105-67-9	mg/kg					ND (0.17)	
2,4-Dinitrophenol	51-28-5	mg/kg	0.2				ND (0.17)	
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND (0.17)	
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33		ND (0.07)	
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND (0.07)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(15-15.5)	SB-11(5-5.5')	SB-11(5-5.5')
Lab Sample ID:						JD56856-11A	JD56962-1	JD56962-1A
Date Sampled:						12/8/2022 2:25 PM	12/9/2022 10:05 AM	12/9/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3				ND (0.17)	
4-Nitrophenol	100-02-7	mg/kg	0.1				ND (0.35)	
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8		ND (0.14)	
Phenol	108-95-2	mg/kg	0.33	100	0.33		ND (0.07)	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND (0.17)	
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1				ND (0.17)	
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND (0.17)	
Acenaphthene	83-32-9	mg/kg	98	100	20		ND (0.035)	
Acenaphthylene	208-96-8	mg/kg	107	100	100		ND (0.035)	
Acetophenone	98-86-2	mg/kg					ND (0.17)	
Anthracene	120-12-7	mg/kg	1000	100	100		ND (0.035)	
Atrazine	1912-24-9	mg/kg					ND (0.07)	
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1		0.06	
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1		0.0619	
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1		0.0619	
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100		0.0421	
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8		0.0233 J	
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND (0.07)	
Butyl benzyl phthalate	85-68-7	mg/kg	122				ND (0.07)	
1,1'-Biphenyl	92-52-4	mg/kg					ND (0.07)	
Benzaldehyde	100-52-7	mg/kg					ND (0.17)	
2-Chloronaphthalene	91-58-7	mg/kg					ND (0.07)	
4-Chloroaniline	106-47-8	mg/kg	0.22				ND (0.17)	
Carbazole	86-74-8	mg/kg					ND (0.07)	
Caprolactam	105-60-2	mg/kg					ND (0.07)	
Chrysene	218-01-9	mg/kg	1	3.9	1		0.0517	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND (0.07)	
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND (0.07)	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND (0.07)	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND (0.07)	
2,4-Dinitrotoluene	121-14-2	mg/kg					ND (0.035)	
2,6-Dinitrotoluene	606-20-2	mg/kg	1				ND (0.035)	
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND (0.07)	
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1		ND (0.035)	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33		ND (0.035)	
Dibenzofuran	132-64-9	mg/kg	6.2	59	7		ND (0.07)	
Di-n-butyl phthalate	84-74-2	mg/kg	8.1				ND (0.07)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(15-15.5)	SB-11(5-5.5')	SB-11(5-5.5')
Lab Sample ID:						JD56856-11A	JD56962-1	JD56962-1A
Date Sampled:						12/8/2022 2:25 PM	12/9/2022 10:05 AM	12/9/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120				ND (0.07)	
Diethyl phthalate	84-66-2	mg/kg	7.1				ND (0.07)	
Dimethyl phthalate	131-11-3	mg/kg	27				ND (0.07)	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435				ND (0.07)	
Fluoranthene	206-44-0	mg/kg	1000	100	100		0.0845	
Fluorene	86-73-7	mg/kg	386	100	30		ND (0.035)	
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33		ND (0.07)	
Hexachlorobutadiene	87-68-3	mg/kg					ND (0.035)	
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND (0.35)	
Hexachloroethane	67-72-1	mg/kg					ND (0.17)	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5		0.0456	
Isophorone	78-59-1	mg/kg	4.4				ND (0.07)	
2-Methylnaphthalene	91-57-6	mg/kg	36.4				ND (0.035)	
2-Nitroaniline	88-74-4	mg/kg	0.4				ND (0.17)	
3-Nitroaniline	99-09-2	mg/kg	0.5				ND (0.17)	
4-Nitroaniline	100-01-6	mg/kg					ND (0.17)	
Naphthalene	91-20-3	mg/kg	12	100	12		ND (0.035)	
Nitrobenzene	98-95-3	mg/kg	0.17	15			ND (0.07)	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND (0.07)	
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND (0.17)	
Phenanthrene	85-01-8	mg/kg	1000	100	100		0.0427	
Pyrene	129-00-0	mg/kg	1000	100	100		0.103	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND (0.17)	
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05		ND (0.0093)	
Benzene	71-43-2	mg/kg	0.06	4.8	0.06		ND (0.00047)	
Bromochloromethane	74-97-5	mg/kg					ND (0.0047)	
Bromodichloromethane	75-27-4	mg/kg					ND (0.0019)	
Bromoform	75-25-2	mg/kg					ND (0.0047)	
Bromomethane	74-83-9	mg/kg					ND (0.0047)	
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12		ND (0.0093)	
Carbon disulfide	75-15-0	mg/kg	2.7				ND (0.0019)	
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76		ND (0.0019)	
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1		ND (0.0019)	
Chloroethane	75-00-3	mg/kg	1.9				ND (0.0047)	
Chloroform	67-66-3	mg/kg	0.37	49	0.37		ND (0.0019)	
Chloromethane	74-87-3	mg/kg					ND (0.0047)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(15-15.5)	SB-11(5-5.5')	SB-11(5-5.5')
Lab Sample ID:						JD56856-11A	JD56962-1	JD56962-1A
Date Sampled:						12/8/2022 2:25 PM	12/9/2022 10:05 AM	12/9/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg					ND (0.0019)	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND (0.0019)	
Dibromochloromethane	124-48-1	mg/kg					ND (0.0019)	
1,2-Dibromoethane	106-93-4	mg/kg					ND (0.00093)	
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1		ND (0.00093)	
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4		ND (0.00093)	
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8		ND (0.00093)	
Dichlorodifluoromethane	75-71-8	mg/kg					ND (0.0047)	
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27		ND (0.00093)	
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02		ND (0.00093)	
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33		ND (0.00093)	
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25		ND (0.00093)	
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19		ND (0.00093)	
1,2-Dichloropropane	78-87-5	mg/kg					ND (0.0019)	
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND (0.0019)	
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND (0.0019)	
Ethylbenzene	100-41-4	mg/kg	1	41	1		ND (0.00093)	
Freon 113	76-13-1	mg/kg	6				ND (0.0047)	
2-Hexanone	591-78-6	mg/kg					ND (0.0047)	
Isopropylbenzene	98-82-8	mg/kg	2.3				ND (0.0019)	
Methyl Acetate	79-20-9	mg/kg					ND (0.0047)	
Methylcyclohexane	108-87-2	mg/kg					ND (0.0019)	
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93		ND (0.00093)	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1				ND (0.0047)	
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05		ND (0.0047)	
Styrene	100-42-5	mg/kg					ND (0.0019)	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6				ND (0.0019)	
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3		ND (0.0019)	
Toluene	108-88-3	mg/kg	0.7	100	0.7		ND (0.00093)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND (0.0047)	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4				ND (0.0047)	
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68		ND (0.0019)	
1,1,2-Trichloroethane	79-00-5	mg/kg					ND (0.0019)	
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47		ND (0.00093)	
Trichlorofluoromethane	75-69-4	mg/kg					ND (0.0047)	
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02		ND (0.0019)	
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26		ND (0.00093)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-12(15-15.5)	SB-11(5-5.5')	SB-11(5-5.5')
Lab Sample ID:						JD56856-11A	JD56962-1	JD56962-1A
Date Sampled:						12/8/2022 2:25 PM	12/9/2022 10:05 AM	12/9/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26		ND (0.00093)	
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26		ND (0.00093)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(4-4.5')	SB-13(4-4.5')	SB-13(2.5-3')
Lab Sample ID:						JD56962-2	JD56962-2A	JD56962-3
Date Sampled:						12/9/2022 9:32 AM	12/9/2022 9:32 AM	12/9/2022 9:41 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	ND (0.00077)		ND (0.00069)
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	0.0011		ND (0.00069)
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	ND (0.00077)		ND (0.00069)
delta-BHC	319-86-8	mg/kg	0.25	100	0.04	ND (0.00077)		ND (0.00069)
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1	ND (0.00077)		ND (0.00069)
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	0.0238		0.0016
gamma-Chlordane	5103-74-2	mg/kg	14			0.0279		0.001
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	0.0042		ND (0.00069)
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	0.104		0.003
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	0.11		0.003
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.046 B		0.0118 B
Endrin	72-20-8	mg/kg	0.06	11	0.014	ND (0.00077)		ND (0.00069)
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	ND (0.00077)		ND (0.00069)
Endrin aldehyde	7421-93-4	mg/kg				ND (0.00077)		ND (0.00069)
Endosulfan-I	959-98-8	mg/kg	102	24	2.4	ND (0.00077)		ND (0.00069)
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4	0.0019		ND (0.00069)
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	ND (0.00077)		ND (0.00069)
Heptachlor epoxide	1024-57-3	mg/kg	0.02			0.0119		ND (0.00069)
Methoxychlor	72-43-5	mg/kg	900			ND (0.0015)		ND (0.0014)
Endrin ketone	53494-70-5	mg/kg				ND (0.00077)		ND (0.00069)
Toxaphene	8001-35-2	mg/kg				ND (0.019)		ND (0.017)
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	ND (0.039)		ND (0.034)
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	ND (0.039)		ND (0.034)
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	ND (0.039)		ND (0.034)
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	ND (0.039)		ND (0.034)
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	ND (0.039)		ND (0.034)
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	ND (0.039)		ND (0.034)
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	ND (0.039)		ND (0.034)
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	ND (0.039)		ND (0.034)
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	ND (0.039)		ND (0.034)
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%				83		94.4
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27	ND (0.27)		ND (0.24)
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(4-4.5')	SB-13(4-4.5')	SB-13(2.5-3')
Lab Sample ID:						JD56962-2	JD56962-2A	JD56962-3
Date Sampled:						12/9/2022 9:32 AM	12/9/2022 9:32 AM	12/9/2022 9:41 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg				10000		7990
Antimony	7440-36-0	mg/kg				ND (2.5)		ND (2.1)
Arsenic	7440-38-2	mg/kg	16	16	13	4		ND (2.1)
Barium	7440-39-3	mg/kg	820	400	350	263		80.7
Beryllium	7440-41-7	mg/kg	47	72	7.2	0.48		0.28
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5	ND (0.63)		ND (0.54)
Calcium	7440-70-2	mg/kg				44200		13500
Chromium	7440-47-3	mg/kg		180	30	22.3		15
Cobalt	7440-48-4	mg/kg				ND (6.3)		6.4
Copper	7440-50-8	mg/kg	1720	270	50	20.9		21.5
Iron	7439-89-6	mg/kg				13900		15300
Lead	7439-92-1	mg/kg	450	400	63	191		32.7
Magnesium	7439-95-4	mg/kg				7680		4810
Manganese	7439-96-5	mg/kg	2000	2000	1600	255		260
Nickel	7440-02-0	mg/kg	130	310	30	21.4		13.9
Potassium	7440-09-7	mg/kg				1890		1750
Selenium	7782-49-2	mg/kg	4	180	3.9	ND (2.5)		ND (2.1)
Silver	7440-22-4	mg/kg	8.3	180	2	0.72		0.8
Sodium	7440-23-5	mg/kg				ND (1300)		ND (1100)
Thallium	7440-28-0	mg/kg				ND (1.3)		ND (1.1)
Vanadium	7440-62-2	mg/kg				22.8		25.6
Zinc	7440-66-6	mg/kg	2480	10000	109	190		55.8
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18	0.3		0.072
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg					ND (0.96)	
Perfluoropentanoic acid	2706-90-3	ug/kg					0.23 J	
Perfluorohexanoic acid	307-24-4	ug/kg					ND (0.24)	
Perfluoroheptanoic acid	375-85-9	ug/kg					ND (0.24)	
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66		ND (0.24)	
Perfluorononanoic acid	375-95-1	ug/kg					ND (0.24)	
Perfluorodecanoic acid	335-76-2	ug/kg					ND (0.24)	
Perfluoroundecanoic acid	2058-94-8	ug/kg					ND (0.24)	
Perfluorododecanoic acid	307-55-1	ug/kg					ND (0.24)	
Perfluorotridecanoic acid	72629-94-8	ug/kg					ND (0.24)	
Perfluorotetradecanoic acid	376-06-7	ug/kg					ND (0.24)	
Perfluorobutanesulfonic acid	375-73-5	ug/kg					ND (0.24)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(4-4.5')	SB-13(4-4.5')	SB-13(2.5-3')
Lab Sample ID:						JD56962-2	JD56962-2A	JD56962-3
Date Sampled:						12/9/2022 9:32 AM	12/9/2022 9:32 AM	12/9/2022 9:41 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg					ND (0.24)	
Perfluorohexanesulfonic acid	355-46-4	ug/kg					ND (0.24)	
Perfluoroheptanesulfonic acid	375-92-8	ug/kg					ND (0.24)	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88		0.58	
Perfluorononanesulfonic acid	68259-12-1	ug/kg					ND (0.24)	
Perfluorodecanesulfonic acid	335-77-3	ug/kg					ND (0.24)	
Perfluorododecanesulfonic acid	79780-39-5	ug/kg					ND (0.24)	
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg					ND (0.96)	
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg					ND (0.96)	
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg					ND (0.96)	
PFOSA	754-91-6	ug/kg					ND (0.24)	
MeFOSA	31506-32-8	ug/kg					ND (0.24)	
EtFOSA	4151-50-2	ug/kg					ND (0.24)	
MeFOSAA	2355-31-9	ug/kg					ND (0.24)	
EtFOSAA	2991-50-6	ug/kg					ND (0.24)	
MeFOSE	24448-09-7	ug/kg					ND (2.4)	
EtFOSE	1691-99-2	ug/kg					ND (2.4)	
HFPO-DA (GenX)	13252-13-6	ug/kg					ND (0.96)	
ADONA	919005-14-4	ug/kg					ND (0.96)	
PFMPA	377-73-1	ug/kg					ND (0.48)	
PFMBA	863090-89-5	ug/kg					ND (0.48)	
NFDHA	151772-58-6	ug/kg					ND (0.48)	
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg					ND (0.96)	
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg					ND (0.96)	
PFEESA	113507-82-7	ug/kg					ND (0.48)	
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg					ND (1.2)	
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg					ND (6.0)	
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg					ND (6.0)	
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg				ND (0.16)		ND (0.07)
4-Chloro-3-methyl phenol	59-50-7	mg/kg				ND (0.4)		ND (0.18)
2,4-Dichlorophenol	120-83-2	mg/kg	0.4			ND (0.4)		ND (0.18)
2,4-Dimethylphenol	105-67-9	mg/kg				ND (0.4)		ND (0.18)
2,4-Dinitrophenol	51-28-5	mg/kg	0.2			ND (0.4)		ND (0.18)
4,6-Dinitro-o-cresol	534-52-1	mg/kg				ND (0.4)		ND (0.18)
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	ND (0.16)		ND (0.07)
3&4-Methylphenol	M+P-CRESOLS	mg/kg				ND (0.16)		ND (0.07)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(4-4.5')	SB-13(4-4.5')	SB-13(2.5-3')
Lab Sample ID:						JD56962-2	JD56962-2A	JD56962-3
Date Sampled:						12/9/2022 9:32 AM	12/9/2022 9:32 AM	12/9/2022 9:41 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3			ND (0.4)		ND (0.18)
4-Nitrophenol	100-02-7	mg/kg	0.1			ND (0.8)		ND (0.35)
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	ND (0.32)		ND (0.14)
Phenol	108-95-2	mg/kg	0.33	100	0.33	ND (0.16)		ND (0.07)
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg				ND (0.4)		ND (0.18)
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1			ND (0.4)		ND (0.18)
2,4,6-Trichlorophenol	88-06-2	mg/kg				ND (0.4)		ND (0.18)
Acenaphthene	83-32-9	mg/kg	98	100	20	0.828		0.0725
Acenaphthylene	208-96-8	mg/kg	107	100	100	0.464		0.0385
Acetophenone	98-86-2	mg/kg				ND (0.4)		ND (0.18)
Anthracene	120-12-7	mg/kg	1000	100	100	2.46		0.207
Atrazine	1912-24-9	mg/kg				ND (0.16)		ND (0.07)
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	6.78		0.56
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	7.03		0.566
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	7.16		0.56
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100	3.47		0.343
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	**2.3**		0.195
4-Bromophenyl phenyl ether	101-55-3	mg/kg				ND (0.16)		ND (0.07)
Butyl benzyl phthalate	85-68-7	mg/kg	122			1.96		ND (0.07)
1,1'-Biphenyl	92-52-4	mg/kg				0.0624 J		0.0097 J
Benzaldehyde	100-52-7	mg/kg				0.0544 J		ND (0.18)
2-Chloronaphthalene	91-58-7	mg/kg				ND (0.16)		ND (0.07)
4-Chloroaniline	106-47-8	mg/kg	0.22			ND (0.4)		ND (0.18)
Carbazole	86-74-8	mg/kg				0.731		0.0824
Caprolactam	105-60-2	mg/kg				ND (0.16)		ND (0.07)
Chrysene	218-01-9	mg/kg	1	3.9	1	5.95		0.488
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				ND (0.16)		ND (0.07)
bis(2-Chloroethyl)ether	111-44-4	mg/kg				ND (0.16)		ND (0.07)
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg				ND (0.16)		ND (0.07)
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				ND (0.16)		ND (0.07)
2,4-Dinitrotoluene	121-14-2	mg/kg				ND (0.08)		ND (0.035)
2,6-Dinitrotoluene	606-20-2	mg/kg	1			ND (0.08)		ND (0.035)
3,3'-Dichlorobenzidine	91-94-1	mg/kg				ND (0.16)		ND (0.07)
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	ND (0.08)		ND (0.035)
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.976		0.0898
Dibenzofuran	132-64-9	mg/kg	6.2	59	7	0.589		0.0421 J
Di-n-butyl phthalate	84-74-2	mg/kg	8.1			0.131 J		0.0095 J

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(4-4.5')	SB-13(4-4.5')	SB-13(2.5-3')
Lab Sample ID:						JD56962-2	JD56962-2A	JD56962-3
Date Sampled:						12/9/2022 9:32 AM	12/9/2022 9:32 AM	12/9/2022 9:41 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120			ND (0.16)		ND (0.07)
Diethyl phthalate	84-66-2	mg/kg	7.1			ND (0.16)		ND (0.07)
Dimethyl phthalate	131-11-3	mg/kg	27			ND (0.16)		ND (0.07)
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435			3.25		0.083
Fluoranthene	206-44-0	mg/kg	1000	100	100	12.4		0.954
Fluorene	86-73-7	mg/kg	386	100	30	1.07		0.0809
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33	ND (0.16)		ND (0.07)
Hexachlorobutadiene	87-68-3	mg/kg				ND (0.08)		ND (0.035)
Hexachlorocyclopentadiene	77-47-4	mg/kg				ND (0.8)		ND (0.35)
Hexachloroethane	67-72-1	mg/kg				ND (0.4)		ND (0.18)
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	4.17		0.399
Isophorone	78-59-1	mg/kg	4.4			ND (0.16)		ND (0.07)
2-Methylnaphthalene	91-57-6	mg/kg	36.4			0.178		0.0281 J
2-Nitroaniline	88-74-4	mg/kg	0.4			ND (0.4)		ND (0.18)
3-Nitroaniline	99-09-2	mg/kg	0.5			ND (0.4)		ND (0.18)
4-Nitroaniline	100-01-6	mg/kg				ND (0.4)		ND (0.18)
Naphthalene	91-20-3	mg/kg	12	100	12	0.323		0.0559
Nitrobenzene	98-95-3	mg/kg	0.17	15		ND (0.16)		ND (0.07)
N-Nitroso-di-n-propylamine	621-64-7	mg/kg				ND (0.16)		ND (0.07)
N-Nitrosodiphenylamine	86-30-6	mg/kg				ND (0.4)		ND (0.18)
Phenanthrene	85-01-8	mg/kg	1000	100	100	6.46		0.636
Pyrene	129-00-0	mg/kg	1000	100	100	10.7		1.06
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				ND (0.4)		ND (0.18)
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05	ND (0.011)		ND (0.0091)
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	ND (0.00057)		ND (0.00046)
Bromochloromethane	74-97-5	mg/kg				ND (0.0057)		ND (0.0046)
Bromodichloromethane	75-27-4	mg/kg				ND (0.0023)		ND (0.0018)
Bromoform	75-25-2	mg/kg				ND (0.0057)		ND (0.0046)
Bromomethane	74-83-9	mg/kg				ND (0.0057)		ND (0.0046)
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12	ND (0.011)		ND (0.0091)
Carbon disulfide	75-15-0	mg/kg	2.7			ND (0.0023)		ND (0.0018)
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	ND (0.0023)		ND (0.0018)
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	ND (0.0023)		ND (0.0018)
Chloroethane	75-00-3	mg/kg	1.9			ND (0.0057)		ND (0.0046)
Chloroform	67-66-3	mg/kg	0.37	49	0.37	ND (0.0023)		ND (0.0018)
Chloromethane	74-87-3	mg/kg				ND (0.0057)		ND (0.0046)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(4-4.5')	SB-13(4-4.5')	SB-13(2.5-3')
Lab Sample ID:						JD56962-2	JD56962-2A	JD56962-3
Date Sampled:						12/9/2022 9:32 AM	12/9/2022 9:32 AM	12/9/2022 9:41 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg				ND (0.0023)		ND (0.0018)
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				ND (0.0023)		ND (0.0018)
Dibromochloromethane	124-48-1	mg/kg				ND (0.0023)		ND (0.0018)
1,2-Dibromoethane	106-93-4	mg/kg				ND (0.0011)		ND (0.00091)
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	ND (0.0011)		ND (0.00091)
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	ND (0.0011)		ND (0.00091)
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	ND (0.0011)		ND (0.00091)
Dichlorodifluoromethane	75-71-8	mg/kg				ND (0.0057)		ND (0.0046)
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	ND (0.0011)		ND (0.00091)
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	ND (0.0011)		ND (0.00091)
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	ND (0.0011)		ND (0.00091)
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	ND (0.0011)		ND (0.00091)
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	ND (0.0011)		ND (0.00091)
1,2-Dichloropropane	78-87-5	mg/kg				ND (0.0023)		ND (0.0018)
cis-1,3-Dichloropropene	10061-01-5	mg/kg				ND (0.0023)		ND (0.0018)
trans-1,3-Dichloropropene	10061-02-6	mg/kg				ND (0.0023)		ND (0.0018)
Ethylbenzene	100-41-4	mg/kg	1	41	1	ND (0.0011)		ND (0.00091)
Freon 113	76-13-1	mg/kg	6			ND (0.0057)		ND (0.0046)
2-Hexanone	591-78-6	mg/kg				ND (0.0057)		ND (0.0046)
Isopropylbenzene	98-82-8	mg/kg	2.3			ND (0.0023)		ND (0.0018)
Methyl Acetate	79-20-9	mg/kg				ND (0.0057)		ND (0.0046)
Methylcyclohexane	108-87-2	mg/kg				ND (0.0023)		ND (0.0018)
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93	ND (0.0011)		ND (0.00091)
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1			ND (0.0057)		ND (0.0046)
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	ND (0.0057)		ND (0.0046)
Styrene	100-42-5	mg/kg				ND (0.0023)		ND (0.0018)
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6			ND (0.0023)		ND (0.0018)
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	ND (0.0023)		ND (0.0018)
Toluene	108-88-3	mg/kg	0.7	100	0.7	ND (0.0011)		ND (0.00091)
1,2,3-Trichlorobenzene	87-61-6	mg/kg				ND (0.0057)		ND (0.0046)
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4			ND (0.0057)		ND (0.0046)
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	ND (0.0023)		ND (0.0018)
1,1,2-Trichloroethane	79-00-5	mg/kg				ND (0.0023)		ND (0.0018)
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	ND (0.0011)		ND (0.00091)
Trichlorofluoromethane	75-69-4	mg/kg				ND (0.0057)		ND (0.0046)
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	ND (0.0023)		ND (0.0018)
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26	ND (0.0011)		ND (0.00091)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(4-4.5')	SB-13(4-4.5')	SB-13(2.5-3')
Lab Sample ID:						JD56962-2	JD56962-2A	JD56962-3
Date Sampled:						12/9/2022 9:32 AM	12/9/2022 9:32 AM	12/9/2022 9:41 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26	ND (0.0011)		ND (0.00091)
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26	ND (0.0011)		ND (0.00091)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(2.5-3')	SB30(1-1.5)	SB30(1-1.5)
Lab Sample ID:						JD56962-3A	JD57603-1	JD57603-1A
Date Sampled:						12/9/2022 9:41 AM	12/19/2022 10:25 AM	12/19/2022 10:25 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005		ND (0.00069)	
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02		ND (0.00069)	
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036		ND (0.00069)	
delta-BHC	319-86-8	mg/kg	0.25	100	0.04		ND (0.00069)	
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1		ND (0.00069)	
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094		ND (0.00069)	
gamma-Chlordane	5103-74-2	mg/kg	14				ND (0.00069)	
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005		ND (0.00069)	
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033		ND (0.00069)	
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033		ND (0.00069)	
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033		0.0076 B	
Endrin	72-20-8	mg/kg	0.06	11	0.014		ND (0.00069)	
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4		ND (0.00069)	
Endrin aldehyde	7421-93-4	mg/kg					ND (0.00069)	
Endosulfan-I	959-98-8	mg/kg	102	24	2.4		ND (0.00069)	
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4		ND (0.00069)	
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042		ND (0.00069)	
Heptachlor epoxide	1024-57-3	mg/kg	0.02				ND (0.00069)	
Methoxychlor	72-43-5	mg/kg	900				ND (0.0014)	
Endrin ketone	53494-70-5	mg/kg					ND (0.00069)	
Toxaphene	8001-35-2	mg/kg					ND (0.017)	
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1		ND (0.035)	
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%					94.1	
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27		ND (0.23)	
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(2.5-3')	SB30(1-1.5)	SB30(1-1.5)
Lab Sample ID:						JD56962-3A	JD57603-1	JD57603-1A
Date Sampled:						12/9/2022 9:41 AM	12/19/2022 10:25 AM	12/19/2022 10:25 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg					11300	
Antimony	7440-36-0	mg/kg					ND (2.1)	
Arsenic	7440-38-2	mg/kg	16	16	13		ND (4.2)	
Barium	7440-39-3	mg/kg	820	400	350		94.8	
Beryllium	7440-41-7	mg/kg	47	72	7.2		ND (0.42)	
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5		ND (1.0)	
Calcium	7440-70-2	mg/kg					10700	
Chromium	7440-47-3	mg/kg		180	30		16	
Cobalt	7440-48-4	mg/kg					11.1	
Copper	7440-50-8	mg/kg	1720	270	50		41.7	
Iron	7439-89-6	mg/kg					24300	
Lead	7439-92-1	mg/kg	450	400	63		51.8	
Magnesium	7439-95-4	mg/kg					7400	
Manganese	7439-96-5	mg/kg	2000	2000	1600		309	
Nickel	7440-02-0	mg/kg	130	310	30		17.3	
Potassium	7440-09-7	mg/kg					3470	
Selenium	7782-49-2	mg/kg	4	180	3.9		ND (4.2)	
Silver	7440-22-4	mg/kg	8.3	180	2		ND (1.0)	
Sodium	7440-23-5	mg/kg					ND (1000)	
Thallium	7440-28-0	mg/kg					ND (2.1)	
Vanadium	7440-62-2	mg/kg					46.6	
Zinc	7440-66-6	mg/kg	2480	10000	109		67	
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18		0.082	
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg				ND (0.85)		ND (0.86)
Perfluoropentanoic acid	2706-90-3	ug/kg				ND (0.43)		ND (0.43)
Perfluorohexanoic acid	307-24-4	ug/kg				ND (0.21)		ND (0.21)
Perfluoroheptanoic acid	375-85-9	ug/kg				ND (0.21)		ND (0.21)
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	ND (0.21)		ND (0.21)
Perfluorononanoic acid	375-95-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorodecanoic acid	335-76-2	ug/kg				ND (0.21)		ND (0.21)
Perfluoroundecanoic acid	2058-94-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorododecanoic acid	307-55-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorotridecanoic acid	72629-94-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorotetradecanoic acid	376-06-7	ug/kg				ND (0.21)		ND (0.21)
Perfluorobutanesulfonic acid	375-73-5	ug/kg				ND (0.21)		ND (0.21)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(2.5-3')	SB30(1-1.5)	SB30(1-1.5)
Lab Sample ID:						JD56962-3A	JD57603-1	JD57603-1A
Date Sampled:						12/9/2022 9:41 AM	12/19/2022 10:25 AM	12/19/2022 10:25 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg				ND (0.21)		ND (0.21)
Perfluorohexanesulfonic acid	355-46-4	ug/kg				ND (0.21)		ND (0.21)
Perfluoroheptanesulfonic acid	375-92-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	0.29		ND (0.21)
Perfluorononanesulfonic acid	68259-12-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorodecanesulfonic acid	335-77-3	ug/kg				ND (0.21)		ND (0.21)
Perfluorododecanesulfonic acid	79780-39-5	ug/kg				ND (0.21)		ND (0.21)
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg				ND (0.85)		ND (0.86)
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg				ND (0.85)		ND (0.86)
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg				ND (0.85)		ND (0.86)
PFOSA	754-91-6	ug/kg				ND (0.21)		ND (0.21)
MeFOSA	31506-32-8	ug/kg				ND (0.21)		ND (0.21)
EtFOSA	4151-50-2	ug/kg				ND (0.21)		ND (0.21)
MeFOSAA	2355-31-9	ug/kg				ND (0.21)		ND (0.21)
EtFOSAA	2991-50-6	ug/kg				ND (0.21)		ND (0.21)
MeFOSE	24448-09-7	ug/kg				ND (2.1)		ND (2.1)
EtFOSE	1691-99-2	ug/kg				ND (2.1)		ND (2.1)
HFPO-DA (GenX)	13252-13-6	ug/kg				ND (0.85)		ND (0.86)
ADONA	919005-14-4	ug/kg				ND (0.85)		ND (0.86)
PFMPA	377-73-1	ug/kg				ND (0.43)		ND (0.43)
PFMBA	863090-89-5	ug/kg				ND (0.43)		ND (0.43)
NFDHA	151772-58-6	ug/kg				ND (0.43)		ND (0.43)
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg				ND (0.85)		ND (0.86)
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg				ND (0.85)		ND (0.86)
PFEESA	113507-82-7	ug/kg				ND (0.43)		ND (0.43)
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg				ND (1.1)		ND (1.1)
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg				ND (5.3)		ND (5.3)
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg				ND (5.3)		ND (5.3)
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg					ND (0.07)	
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND (0.18)	
2,4-Dichlorophenol	120-83-2	mg/kg	0.4				ND (0.18)	
2,4-Dimethylphenol	105-67-9	mg/kg					ND (0.18)	
2,4-Dinitrophenol	51-28-5	mg/kg	0.2				ND (0.18)	
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND (0.18)	
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33		ND (0.07)	
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND (0.07)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(2.5-3')	SB30(1-1.5)	SB30(1-1.5)
Lab Sample ID:						JD56962-3A	JD57603-1	JD57603-1A
Date Sampled:						12/9/2022 9:41 AM	12/19/2022 10:25 AM	12/19/2022 10:25 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3				ND (0.18)	
4-Nitrophenol	100-02-7	mg/kg	0.1				ND (0.35)	
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8		ND (0.14)	
Phenol	108-95-2	mg/kg	0.33	100	0.33		ND (0.07)	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND (0.18)	
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1				ND (0.18)	
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND (0.18)	
Acenaphthene	83-32-9	mg/kg	98	100	20		0.016 J	
Acenaphthylene	208-96-8	mg/kg	107	100	100		ND (0.035)	
Acetophenone	98-86-2	mg/kg					ND (0.18)	
Anthracene	120-12-7	mg/kg	1000	100	100		0.0403	
Atrazine	1912-24-9	mg/kg					ND (0.07)	
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1		0.126	
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1		0.138	
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1		0.153	
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100		0.0977	
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8		0.0618	
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND (0.07)	
Butyl benzyl phthalate	85-68-7	mg/kg	122				ND (0.07)	
1,1'-Biphenyl	92-52-4	mg/kg					ND (0.07)	
Benzaldehyde	100-52-7	mg/kg					ND (0.18)	
2-Chloronaphthalene	91-58-7	mg/kg					ND (0.07)	
4-Chloroaniline	106-47-8	mg/kg	0.22				ND (0.18)	
Carbazole	86-74-8	mg/kg					0.0181 J	
Caprolactam	105-60-2	mg/kg					ND (0.07)	
Chrysene	218-01-9	mg/kg	1	3.9	1		0.138	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND (0.07)	
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND (0.07)	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND (0.07)	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND (0.07)	
2,4-Dinitrotoluene	121-14-2	mg/kg					ND (0.035)	
2,6-Dinitrotoluene	606-20-2	mg/kg	1				ND (0.035)	
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND (0.07)	
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1		ND (0.035)	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33		0.0248 J	
Dibenzofuran	132-64-9	mg/kg	6.2	59	7		ND (0.07)	
Di-n-butyl phthalate	84-74-2	mg/kg	8.1				ND (0.07)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(2.5-3')	SB30(1-1.5)	SB30(1-1.5)
Lab Sample ID:						JD56962-3A	JD57603-1	JD57603-1A
Date Sampled:						12/9/2022 9:41 AM	12/19/2022 10:25 AM	12/19/2022 10:25 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120				ND (0.07)	
Diethyl phthalate	84-66-2	mg/kg	7.1				ND (0.07)	
Dimethyl phthalate	131-11-3	mg/kg	27				ND (0.07)	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435				ND (0.07)	
Fluoranthene	206-44-0	mg/kg	1000	100	100		0.234	
Fluorene	86-73-7	mg/kg	386	100	30		ND (0.035)	
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33		ND (0.07)	
Hexachlorobutadiene	87-68-3	mg/kg					ND (0.035)	
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND (0.35)	
Hexachloroethane	67-72-1	mg/kg					ND (0.18)	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5		0.104	
Isophorone	78-59-1	mg/kg	4.4				ND (0.07)	
2-Methylnaphthalene	91-57-6	mg/kg	36.4				ND (0.035)	
2-Nitroaniline	88-74-4	mg/kg	0.4				ND (0.18)	
3-Nitroaniline	99-09-2	mg/kg	0.5				ND (0.18)	
4-Nitroaniline	100-01-6	mg/kg					ND (0.18)	
Naphthalene	91-20-3	mg/kg	12	100	12		ND (0.035)	
Nitrobenzene	98-95-3	mg/kg	0.17	15			ND (0.07)	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND (0.07)	
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND (0.18)	
Phenanthrene	85-01-8	mg/kg	1000	100	100		0.147	
Pyrene	129-00-0	mg/kg	1000	100	100		0.218	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND (0.18)	
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05		ND (0.0097)	
Benzene	71-43-2	mg/kg	0.06	4.8	0.06		ND (0.00048)	
Bromochloromethane	74-97-5	mg/kg					ND (0.0048)	
Bromodichloromethane	75-27-4	mg/kg					ND (0.0019)	
Bromoform	75-25-2	mg/kg					ND (0.0048)	
Bromomethane	74-83-9	mg/kg					ND (0.0048)	
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12		ND (0.0097)	
Carbon disulfide	75-15-0	mg/kg	2.7				ND (0.0019)	
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76		ND (0.0019)	
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1		ND (0.0019)	
Chloroethane	75-00-3	mg/kg	1.9				ND (0.0048)	
Chloroform	67-66-3	mg/kg	0.37	49	0.37		ND (0.0019)	
Chloromethane	74-87-3	mg/kg					ND (0.0048)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(2.5-3')	SB30(1-1.5)	SB30(1-1.5)
Lab Sample ID:						JD56962-3A	JD57603-1	JD57603-1A
Date Sampled:						12/9/2022 9:41 AM	12/19/2022 10:25 AM	12/19/2022 10:25 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg					ND (0.0019)	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND (0.0019)	
Dibromochloromethane	124-48-1	mg/kg					ND (0.0019)	
1,2-Dibromoethane	106-93-4	mg/kg					ND (0.00097)	
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1		ND (0.00097)	
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4		ND (0.00097)	
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8		ND (0.00097)	
Dichlorodifluoromethane	75-71-8	mg/kg					ND (0.0048)	
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27		ND (0.00097)	
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02		ND (0.00097)	
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33		ND (0.00097)	
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25		ND (0.00097)	
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19		ND (0.00097)	
1,2-Dichloropropane	78-87-5	mg/kg					ND (0.0019)	
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND (0.0019)	
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND (0.0019)	
Ethylbenzene	100-41-4	mg/kg	1	41	1		ND (0.00097)	
Freon 113	76-13-1	mg/kg	6				ND (0.0048)	
2-Hexanone	591-78-6	mg/kg					ND (0.0048)	
Isopropylbenzene	98-82-8	mg/kg	2.3				ND (0.0019)	
Methyl Acetate	79-20-9	mg/kg					ND (0.0048)	
Methylcyclohexane	108-87-2	mg/kg					ND (0.0019)	
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93		ND (0.00097)	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1				ND (0.0048)	
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05		ND (0.0048)	
Styrene	100-42-5	mg/kg					ND (0.0019)	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6				ND (0.0019)	
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3		ND (0.0019)	
Toluene	108-88-3	mg/kg	0.7	100	0.7		ND (0.00097)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND (0.0048)	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4				ND (0.0048)	
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68		ND (0.0019)	
1,1,2-Trichloroethane	79-00-5	mg/kg					ND (0.0019)	
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47		ND (0.00097)	
Trichlorofluoromethane	75-69-4	mg/kg					ND (0.0048)	
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02		ND (0.0019)	
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26		ND (0.00097)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB-13(2.5-3')	SB30(1-1.5)	SB30(1-1.5)
Lab Sample ID:						JD56962-3A	JD57603-1	JD57603-1A
Date Sampled:						12/9/2022 9:41 AM	12/19/2022 10:25 AM	12/19/2022 10:25 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26		ND (0.00097)	
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26		ND (0.00097)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB30(4-4.5)	SB30(4-4.5)	SB14(1.5-2)
Lab Sample ID:						JD57603-2	JD57603-2A	JD57603-3
Date Sampled:						12/19/2022 10:20 AM	12/19/2022 10:20 AM	12/19/2022 10:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	ND (0.00067)		ND (0.00071)
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	ND (0.00067)		ND (0.00071)
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	ND (0.00067)		ND (0.00071)
delta-BHC	319-86-8	mg/kg	0.25	100	0.04	ND (0.00067)		ND (0.00071)
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1	ND (0.00067)		ND (0.00071)
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	ND (0.00067)		0.0021
gamma-Chlordane	5103-74-2	mg/kg	14			ND (0.00067)		0.0019
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	ND (0.00067)		ND (0.00071)
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	ND (0.00067)		ND (0.00071)
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	ND (0.00067)		ND (0.00071)
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.0048 B		0.0056 B
Endrin	72-20-8	mg/kg	0.06	11	0.014	ND (0.00067)		ND (0.00071)
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	ND (0.00067)		ND (0.00071)
Endrin aldehyde	7421-93-4	mg/kg				ND (0.00067)		ND (0.00071)
Endosulfan-I	959-98-8	mg/kg	102	24	2.4	ND (0.00067)		ND (0.00071)
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4	ND (0.00067)		ND (0.00071)
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	ND (0.00067)		ND (0.00071)
Heptachlor epoxide	1024-57-3	mg/kg	0.02			ND (0.00067)		ND (0.00071)
Methoxychlor	72-43-5	mg/kg	900			ND (0.0013)		ND (0.0014)
Endrin ketone	53494-70-5	mg/kg				ND (0.00067)		ND (0.00071)
Toxaphene	8001-35-2	mg/kg				ND (0.017)		ND (0.018)
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.035)
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.035)
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.035)
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.035)
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.035)
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.035)
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.035)
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.035)
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.035)
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%				96		93.9
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27	ND (0.22)		ND (0.26)
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB30(4-4.5)	SB30(4-4.5)	SB14(1.5-2)
Lab Sample ID:						JD57603-2	JD57603-2A	JD57603-3
Date Sampled:						12/19/2022 10:20 AM	12/19/2022 10:20 AM	12/19/2022 10:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg				6070		7390
Antimony	7440-36-0	mg/kg				ND (2.1)		ND (2.0)
Arsenic	7440-38-2	mg/kg	16	16	13	ND (2.1)		ND (2.0)
Barium	7440-39-3	mg/kg	820	400	350	39.9		65.6
Beryllium	7440-41-7	mg/kg	47	72	7.2	0.21		0.25
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5	ND (0.52)		ND (0.51)
Calcium	7440-70-2	mg/kg				1690		9600
Chromium	7440-47-3	mg/kg		180	30	9		13.6
Cobalt	7440-48-4	mg/kg				ND (5.2)		6.4
Copper	7440-50-8	mg/kg	1720	270	50	9.3		25.9
Iron	7439-89-6	mg/kg				9970		14500
Lead	7439-92-1	mg/kg	450	400	63	2.9		34.2
Magnesium	7439-95-4	mg/kg				1570		5590
Manganese	7439-96-5	mg/kg	2000	2000	1600	233		199
Nickel	7440-02-0	mg/kg	130	310	30	7.6		11.5
Potassium	7440-09-7	mg/kg				1110		1620
Selenium	7782-49-2	mg/kg	4	180	3.9	ND (2.1)		ND (2.0)
Silver	7440-22-4	mg/kg	8.3	180	2	ND (0.52)		ND (0.51)
Sodium	7440-23-5	mg/kg				ND (1000)		ND (1000)
Thallium	7440-28-0	mg/kg				ND (1.0)		ND (1.0)
Vanadium	7440-62-2	mg/kg				13.4		25.5
Zinc	7440-66-6	mg/kg	2480	10000	109	16.8		42.6
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18	ND (0.033)		0.053
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg					ND (0.83)	
Perfluoropentanoic acid	2706-90-3	ug/kg					ND (0.42)	
Perfluorohexanoic acid	307-24-4	ug/kg					ND (0.21)	
Perfluoroheptanoic acid	375-85-9	ug/kg					ND (0.21)	
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66		ND (0.21)	
Perfluorononanoic acid	375-95-1	ug/kg					ND (0.21)	
Perfluorodecanoic acid	335-76-2	ug/kg					ND (0.21)	
Perfluoroundecanoic acid	2058-94-8	ug/kg					ND (0.21)	
Perfluorododecanoic acid	307-55-1	ug/kg					ND (0.21)	
Perfluorotridecanoic acid	72629-94-8	ug/kg					ND (0.21)	
Perfluorotetradecanoic acid	376-06-7	ug/kg					ND (0.21)	
Perfluorobutanesulfonic acid	375-73-5	ug/kg					ND (0.21)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB30(4-4.5)	SB30(4-4.5)	SB14(1.5-2)
Lab Sample ID:						JD57603-2	JD57603-2A	JD57603-3
Date Sampled:						12/19/2022 10:20 AM	12/19/2022 10:20 AM	12/19/2022 10:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg					ND (0.21)	
Perfluorohexanesulfonic acid	355-46-4	ug/kg					ND (0.21)	
Perfluoroheptanesulfonic acid	375-92-8	ug/kg					ND (0.21)	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88		ND (0.21)	
Perfluorononanesulfonic acid	68259-12-1	ug/kg					ND (0.21)	
Perfluorodecanesulfonic acid	335-77-3	ug/kg					ND (0.21)	
Perfluorododecanesulfonic acid	79780-39-5	ug/kg					ND (0.21)	
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg					ND (0.83)	
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg					ND (0.83)	
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg					ND (0.83)	
PFOSA	754-91-6	ug/kg					ND (0.21)	
MeFOSA	31506-32-8	ug/kg					ND (0.21)	
EtFOSA	4151-50-2	ug/kg					ND (0.21)	
MeFOSAA	2355-31-9	ug/kg					ND (0.21)	
EtFOSAA	2991-50-6	ug/kg					ND (0.21)	
MeFOSE	24448-09-7	ug/kg					ND (2.1)	
EtFOSE	1691-99-2	ug/kg					ND (2.1)	
HFPO-DA (GenX)	13252-13-6	ug/kg					ND (0.83)	
ADONA	919005-14-4	ug/kg					ND (0.83)	
PFMPA	377-73-1	ug/kg					ND (0.42)	
PFMBA	863090-89-5	ug/kg					ND (0.42)	
NFDHA	151772-58-6	ug/kg					ND (0.42)	
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg					ND (0.83)	
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg					ND (0.83)	
PFEESA	113507-82-7	ug/kg					ND (0.42)	
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg					ND (1.0)	
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg					ND (5.2)	
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg					ND (5.2)	
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg				ND (0.068)		ND (0.07)
4-Chloro-3-methyl phenol	59-50-7	mg/kg				ND (0.17)		ND (0.18)
2,4-Dichlorophenol	120-83-2	mg/kg	0.4			ND (0.17)		ND (0.18)
2,4-Dimethylphenol	105-67-9	mg/kg				ND (0.17)		ND (0.18)
2,4-Dinitrophenol	51-28-5	mg/kg	0.2			ND (0.17)		ND (0.18)
4,6-Dinitro-o-cresol	534-52-1	mg/kg				ND (0.17)		ND (0.18)
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	ND (0.068)		ND (0.07)
3&4-Methylphenol	M+P-CRESOLS	mg/kg				ND (0.068)		ND (0.07)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB30(4-4.5)	SB30(4-4.5)	SB14(1.5-2)
Lab Sample ID:						JD57603-2	JD57603-2A	JD57603-3
Date Sampled:						12/19/2022 10:20 AM	12/19/2022 10:20 AM	12/19/2022 10:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3			ND (0.17)		ND (0.18)
4-Nitrophenol	100-02-7	mg/kg	0.1			ND (0.34)		ND (0.35)
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	ND (0.14)		ND (0.14)
Phenol	108-95-2	mg/kg	0.33	100	0.33	ND (0.068)		ND (0.07)
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg				ND (0.17)		ND (0.18)
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1			ND (0.17)		ND (0.18)
2,4,6-Trichlorophenol	88-06-2	mg/kg				ND (0.17)		ND (0.18)
Acenaphthene	83-32-9	mg/kg	98	100	20	ND (0.034)		ND (0.035)
Acenaphthylene	208-96-8	mg/kg	107	100	100	ND (0.034)		0.0209 J
Acetophenone	98-86-2	mg/kg				ND (0.17)		ND (0.18)
Anthracene	120-12-7	mg/kg	1000	100	100	ND (0.034)		0.0396
Atrazine	1912-24-9	mg/kg				ND (0.068)		ND (0.07)
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	ND (0.034)		0.137
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	ND (0.034)		0.149
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	ND (0.034)		0.175
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100	ND (0.034)		0.11
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	ND (0.034)		0.0668
4-Bromophenyl phenyl ether	101-55-3	mg/kg				ND (0.068)		ND (0.07)
Butyl benzyl phthalate	85-68-7	mg/kg	122			ND (0.068)		ND (0.07)
1,1'-Biphenyl	92-52-4	mg/kg				ND (0.068)		ND (0.07)
Benzaldehyde	100-52-7	mg/kg				ND (0.17)		ND (0.18)
2-Chloronaphthalene	91-58-7	mg/kg				ND (0.068)		ND (0.07)
4-Chloroaniline	106-47-8	mg/kg	0.22			ND (0.17)		ND (0.18)
Carbazole	86-74-8	mg/kg				ND (0.068)		0.0137 J
Caprolactam	105-60-2	mg/kg				ND (0.068)		ND (0.07)
Chrysene	218-01-9	mg/kg	1	3.9	1	ND (0.034)		0.156
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				ND (0.068)		ND (0.07)
bis(2-Chloroethyl)ether	111-44-4	mg/kg				ND (0.068)		ND (0.07)
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg				ND (0.068)		ND (0.07)
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				ND (0.068)		ND (0.07)
2,4-Dinitrotoluene	121-14-2	mg/kg				ND (0.034)		ND (0.035)
2,6-Dinitrotoluene	606-20-2	mg/kg	1			ND (0.034)		ND (0.035)
3,3'-Dichlorobenzidine	91-94-1	mg/kg				ND (0.068)		ND (0.07)
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	ND (0.034)		ND (0.035)
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	ND (0.034)		0.0282 J
Dibenzofuran	132-64-9	mg/kg	6.2	59	7	ND (0.068)		ND (0.07)
Di-n-butyl phthalate	84-74-2	mg/kg	8.1			ND (0.068)		ND (0.07)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB30(4-4.5)	SB30(4-4.5)	SB14(1.5-2)
Lab Sample ID:						JD57603-2	JD57603-2A	JD57603-3
Date Sampled:						12/19/2022 10:20 AM	12/19/2022 10:20 AM	12/19/2022 10:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120			ND (0.068)		ND (0.07)
Diethyl phthalate	84-66-2	mg/kg	7.1			ND (0.068)		ND (0.07)
Dimethyl phthalate	131-11-3	mg/kg	27			ND (0.068)		ND (0.07)
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435			ND (0.068)		ND (0.07)
Fluoranthene	206-44-0	mg/kg	1000	100	100	ND (0.034)		0.268
Fluorene	86-73-7	mg/kg	386	100	30	ND (0.034)		ND (0.035)
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33	ND (0.068)		ND (0.07)
Hexachlorobutadiene	87-68-3	mg/kg				ND (0.034)		ND (0.035)
Hexachlorocyclopentadiene	77-47-4	mg/kg				ND (0.34)		ND (0.35)
Hexachloroethane	67-72-1	mg/kg				ND (0.17)		ND (0.18)
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	ND (0.034)		0.133
Isophorone	78-59-1	mg/kg	4.4			ND (0.068)		ND (0.07)
2-Methylnaphthalene	91-57-6	mg/kg	36.4			ND (0.034)		0.008 J
2-Nitroaniline	88-74-4	mg/kg	0.4			ND (0.17)		ND (0.18)
3-Nitroaniline	99-09-2	mg/kg	0.5			ND (0.17)		ND (0.18)
4-Nitroaniline	100-01-6	mg/kg				ND (0.17)		ND (0.18)
Naphthalene	91-20-3	mg/kg	12	100	12	ND (0.034)		ND (0.035)
Nitrobenzene	98-95-3	mg/kg	0.17	15		ND (0.068)		ND (0.07)
N-Nitroso-di-n-propylamine	621-64-7	mg/kg				ND (0.068)		ND (0.07)
N-Nitrosodiphenylamine	86-30-6	mg/kg				ND (0.17)		ND (0.18)
Phenanthrene	85-01-8	mg/kg	1000	100	100	ND (0.034)		0.146
Pyrene	129-00-0	mg/kg	1000	100	100	ND (0.034)		0.251
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				ND (0.17)		ND (0.18)
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05	ND (0.01)		ND (0.0099)
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	ND (0.00052)		ND (0.00049)
Bromochloromethane	74-97-5	mg/kg				ND (0.0052)		ND (0.0049)
Bromodichloromethane	75-27-4	mg/kg				ND (0.0021)		ND (0.002)
Bromoform	75-25-2	mg/kg				ND (0.0052)		ND (0.0049)
Bromomethane	74-83-9	mg/kg				ND (0.0052)		ND (0.0049)
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12	ND (0.01)		ND (0.0099)
Carbon disulfide	75-15-0	mg/kg	2.7			ND (0.0021)		ND (0.002)
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	ND (0.0021)		ND (0.002)
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	ND (0.0021)		ND (0.002)
Chloroethane	75-00-3	mg/kg	1.9			ND (0.0052)		ND (0.0049)
Chloroform	67-66-3	mg/kg	0.37	49	0.37	ND (0.0021)		ND (0.002)
Chloromethane	74-87-3	mg/kg				ND (0.0052)		ND (0.0049)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB30(4-4.5)	SB30(4-4.5)	SB14(1.5-2)
Lab Sample ID:						JD57603-2	JD57603-2A	JD57603-3
Date Sampled:						12/19/2022 10:20 AM	12/19/2022 10:20 AM	12/19/2022 10:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg				ND (0.0021)		ND (0.002)
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				ND (0.0021)		ND (0.002)
Dibromochloromethane	124-48-1	mg/kg				ND (0.0021)		ND (0.002)
1,2-Dibromoethane	106-93-4	mg/kg				ND (0.001)		ND (0.00099)
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	ND (0.001)		ND (0.00099)
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	ND (0.001)		ND (0.00099)
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	ND (0.001)		ND (0.00099)
Dichlorodifluoromethane	75-71-8	mg/kg				ND (0.0052)		ND (0.0049)
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	ND (0.001)		ND (0.00099)
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	ND (0.001)		ND (0.00099)
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	ND (0.001)		ND (0.00099)
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	ND (0.001)		ND (0.00099)
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	ND (0.001)		ND (0.00099)
1,2-Dichloropropane	78-87-5	mg/kg				ND (0.0021)		ND (0.002)
cis-1,3-Dichloropropene	10061-01-5	mg/kg				ND (0.0021)		ND (0.002)
trans-1,3-Dichloropropene	10061-02-6	mg/kg				ND (0.0021)		ND (0.002)
Ethylbenzene	100-41-4	mg/kg	1	41	1	ND (0.001)		ND (0.00099)
Freon 113	76-13-1	mg/kg	6			ND (0.0052)		ND (0.0049)
2-Hexanone	591-78-6	mg/kg				ND (0.0052)		ND (0.0049)
Isopropylbenzene	98-82-8	mg/kg	2.3			ND (0.0021)		ND (0.002)
Methyl Acetate	79-20-9	mg/kg				ND (0.0052)		ND (0.0049)
Methylcyclohexane	108-87-2	mg/kg				ND (0.0021)		ND (0.002)
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93	ND (0.001)		ND (0.00099)
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1			ND (0.0052)		ND (0.0049)
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	ND (0.0052)		ND (0.0049)
Styrene	100-42-5	mg/kg				ND (0.0021)		ND (0.002)
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6			ND (0.0021)		ND (0.002)
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	ND (0.0021)		ND (0.002)
Toluene	108-88-3	mg/kg	0.7	100	0.7	ND (0.001)		ND (0.00099)
1,2,3-Trichlorobenzene	87-61-6	mg/kg				ND (0.0052)		ND (0.0049)
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4			ND (0.0052)		ND (0.0049)
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	ND (0.0021)		ND (0.002)
1,1,2-Trichloroethane	79-00-5	mg/kg				ND (0.0021)		ND (0.002)
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	ND (0.001)		ND (0.00099)
Trichlorofluoromethane	75-69-4	mg/kg				ND (0.0052)		ND (0.0049)
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	ND (0.0021)		ND (0.002)
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26	ND (0.001)		ND (0.00099)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB30(4-4.5)	SB30(4-4.5)	SB14(1.5-2)
Lab Sample ID:						JD57603-2	JD57603-2A	JD57603-3
Date Sampled:						12/19/2022 10:20 AM	12/19/2022 10:20 AM	12/19/2022 10:50 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26	ND (0.001)		ND (0.00099)
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26	ND (0.001)		ND (0.00099)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB14(1.5-2)	SB14(4.5-5)	SB14(4.5-5)
Lab Sample ID:						JD57603-3A	JD57603-4	JD57603-4A
Date Sampled:						12/19/2022 10:50 AM	12/19/2022 10:55 AM	12/19/2022 10:55 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005		ND (0.00069)	
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02		ND (0.00069)	
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036		ND (0.00069)	
delta-BHC	319-86-8	mg/kg	0.25	100	0.04		ND (0.00069)	
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1		ND (0.00069)	
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094		ND (0.00069)	
gamma-Chlordane	5103-74-2	mg/kg	14				ND (0.00069)	
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005		ND (0.00069)	
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033		ND (0.00069)	
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033		ND (0.00069)	
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033		0.0043 B	
Endrin	72-20-8	mg/kg	0.06	11	0.014		ND (0.00069)	
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4		ND (0.00069)	
Endrin aldehyde	7421-93-4	mg/kg					ND (0.00069)	
Endosulfan-I	959-98-8	mg/kg	102	24	2.4		ND (0.00069)	
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4		ND (0.00069)	
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042		ND (0.00069)	
Heptachlor epoxide	1024-57-3	mg/kg	0.02				ND (0.00069)	
Methoxychlor	72-43-5	mg/kg	900				ND (0.0014)	
Endrin ketone	53494-70-5	mg/kg					ND (0.00069)	
Toxaphene	8001-35-2	mg/kg					ND (0.017)	
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1		ND (0.034)	
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%					93.7	
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27		ND (0.27)	
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB14(1.5-2)	SB14(4.5-5)	SB14(4.5-5)
Lab Sample ID:						JD57603-3A	JD57603-4	JD57603-4A
Date Sampled:						12/19/2022 10:50 AM	12/19/2022 10:55 AM	12/19/2022 10:55 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg					7060	
Antimony	7440-36-0	mg/kg					ND (2.2)	
Arsenic	7440-38-2	mg/kg	16	16	13		ND (2.2)	
Barium	7440-39-3	mg/kg	820	400	350		64	
Beryllium	7440-41-7	mg/kg	47	72	7.2		0.24	
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5		ND (0.56)	
Calcium	7440-70-2	mg/kg					8870	
Chromium	7440-47-3	mg/kg		180	30		17.8	
Cobalt	7440-48-4	mg/kg					6	
Copper	7440-50-8	mg/kg	1720	270	50		16.6	
Iron	7439-89-6	mg/kg					13000	
Lead	7439-92-1	mg/kg	450	400	63		30.9	
Magnesium	7439-95-4	mg/kg					5970	
Manganese	7439-96-5	mg/kg	2000	2000	1600		208	
Nickel	7440-02-0	mg/kg	130	310	30		12.1	
Potassium	7440-09-7	mg/kg					1690	
Selenium	7782-49-2	mg/kg	4	180	3.9		ND (2.2)	
Silver	7440-22-4	mg/kg	8.3	180	2		ND (0.56)	
Sodium	7440-23-5	mg/kg					ND (1100)	
Thallium	7440-28-0	mg/kg					ND (1.1)	
Vanadium	7440-62-2	mg/kg					21.4	
Zinc	7440-66-6	mg/kg	2480	10000	109		44.6	
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18		0.048	
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg				ND (0.85)		ND (0.86)
Perfluoropentanoic acid	2706-90-3	ug/kg				ND (0.43)		ND (0.43)
Perfluorohexanoic acid	307-24-4	ug/kg				ND (0.21)		ND (0.21)
Perfluoroheptanoic acid	375-85-9	ug/kg				ND (0.21)		ND (0.21)
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	ND (0.21)		ND (0.21)
Perfluorononanoic acid	375-95-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorodecanoic acid	335-76-2	ug/kg				ND (0.21)		ND (0.21)
Perfluoroundecanoic acid	2058-94-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorododecanoic acid	307-55-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorotridecanoic acid	72629-94-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorotetradecanoic acid	376-06-7	ug/kg				ND (0.21)		ND (0.21)
Perfluorobutanesulfonic acid	375-73-5	ug/kg				ND (0.21)		ND (0.21)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB14(1.5-2)	SB14(4.5-5)	SB14(4.5-5)
Lab Sample ID:						JD57603-3A	JD57603-4	JD57603-4A
Date Sampled:						12/19/2022 10:50 AM	12/19/2022 10:55 AM	12/19/2022 10:55 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg				ND (0.21)		ND (0.21)
Perfluorohexanesulfonic acid	355-46-4	ug/kg				ND (0.21)		ND (0.21)
Perfluoroheptanesulfonic acid	375-92-8	ug/kg				ND (0.21)		ND (0.21)
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	ND (0.21)		ND (0.21)
Perfluorononanesulfonic acid	68259-12-1	ug/kg				ND (0.21)		ND (0.21)
Perfluorodecanesulfonic acid	335-77-3	ug/kg				ND (0.21)		ND (0.21)
Perfluorododecanesulfonic acid	79780-39-5	ug/kg				ND (0.21)		ND (0.21)
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg				ND (0.85)		ND (0.86)
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg				ND (0.85)		ND (0.86)
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg				ND (0.85)		ND (0.86)
PFOSA	754-91-6	ug/kg				ND (0.21)		ND (0.21)
MeFOSA	31506-32-8	ug/kg				ND (0.21)		ND (0.21)
EtFOSA	4151-50-2	ug/kg				ND (0.21)		ND (0.21)
MeFOSAA	2355-31-9	ug/kg				ND (0.21)		ND (0.21)
EtFOSAA	2991-50-6	ug/kg				ND (0.21)		ND (0.21)
MeFOSE	24448-09-7	ug/kg				ND (2.1)		ND (2.1)
EtFOSE	1691-99-2	ug/kg				ND (2.1)		ND (2.1)
HFPO-DA (GenX)	13252-13-6	ug/kg				ND (0.85)		ND (0.86)
ADONA	919005-14-4	ug/kg				ND (0.85)		ND (0.86)
PFMPA	377-73-1	ug/kg				ND (0.43)		ND (0.43)
PFMBA	863090-89-5	ug/kg				ND (0.43)		ND (0.43)
NFDHA	151772-58-6	ug/kg				ND (0.43)		ND (0.43)
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg				ND (0.85)		ND (0.86)
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg				ND (0.85)		ND (0.86)
PFEESA	113507-82-7	ug/kg				ND (0.43)		ND (0.43)
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg				ND (1.1)		ND (1.1)
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg				ND (5.3)		ND (5.3)
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg				ND (5.3)		ND (5.3)
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg					ND (0.07)	
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND (0.18)	
2,4-Dichlorophenol	120-83-2	mg/kg	0.4				ND (0.18)	
2,4-Dimethylphenol	105-67-9	mg/kg					ND (0.18)	
2,4-Dinitrophenol	51-28-5	mg/kg	0.2				ND (0.18)	
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND (0.18)	
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33		ND (0.07)	
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND (0.07)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB14(1.5-2)	SB14(4.5-5)	SB14(4.5-5)
Lab Sample ID:						JD57603-3A	JD57603-4	JD57603-4A
Date Sampled:						12/19/2022 10:50 AM	12/19/2022 10:55 AM	12/19/2022 10:55 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3				ND (0.18)	
4-Nitrophenol	100-02-7	mg/kg	0.1				ND (0.35)	
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8		ND (0.14)	
Phenol	108-95-2	mg/kg	0.33	100	0.33		ND (0.07)	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND (0.18)	
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1				ND (0.18)	
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND (0.18)	
Acenaphthene	83-32-9	mg/kg	98	100	20		ND (0.035)	
Acenaphthylene	208-96-8	mg/kg	107	100	100		ND (0.035)	
Acetophenone	98-86-2	mg/kg					ND (0.18)	
Anthracene	120-12-7	mg/kg	1000	100	100		ND (0.035)	
Atrazine	1912-24-9	mg/kg					ND (0.07)	
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1		0.0385	
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1		0.0409	
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1		0.0457	
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100		0.0315 J	
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8		0.0177 J	
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND (0.07)	
Butyl benzyl phthalate	85-68-7	mg/kg	122				ND (0.07)	
1,1'-Biphenyl	92-52-4	mg/kg					ND (0.07)	
Benzaldehyde	100-52-7	mg/kg					ND (0.18)	
2-Chloronaphthalene	91-58-7	mg/kg					ND (0.07)	
4-Chloroaniline	106-47-8	mg/kg	0.22				ND (0.18)	
Carbazole	86-74-8	mg/kg					ND (0.07)	
Caprolactam	105-60-2	mg/kg					ND (0.07)	
Chrysene	218-01-9	mg/kg	1	3.9	1		0.0403	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND (0.07)	
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND (0.07)	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND (0.07)	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND (0.07)	
2,4-Dinitrotoluene	121-14-2	mg/kg					ND (0.035)	
2,6-Dinitrotoluene	606-20-2	mg/kg	1				ND (0.035)	
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND (0.07)	
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1		ND (0.035)	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33		ND (0.035)	
Dibenzofuran	132-64-9	mg/kg	6.2	59	7		ND (0.07)	
Di-n-butyl phthalate	84-74-2	mg/kg	8.1				ND (0.07)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB14(1.5-2)	SB14(4.5-5)	SB14(4.5-5)
Lab Sample ID:						JD57603-3A	JD57603-4	JD57603-4A
Date Sampled:						12/19/2022 10:50 AM	12/19/2022 10:55 AM	12/19/2022 10:55 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120				ND (0.07)	
Diethyl phthalate	84-66-2	mg/kg	7.1				ND (0.07)	
Dimethyl phthalate	131-11-3	mg/kg	27				ND (0.07)	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435				ND (0.07)	
Fluoranthene	206-44-0	mg/kg	1000	100	100		0.0623	
Fluorene	86-73-7	mg/kg	386	100	30		ND (0.035)	
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33		ND (0.07)	
Hexachlorobutadiene	87-68-3	mg/kg					ND (0.035)	
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND (0.35)	
Hexachloroethane	67-72-1	mg/kg					ND (0.18)	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5		0.0379	
Isophorone	78-59-1	mg/kg	4.4				ND (0.07)	
2-Methylnaphthalene	91-57-6	mg/kg	36.4				ND (0.035)	
2-Nitroaniline	88-74-4	mg/kg	0.4				ND (0.18)	
3-Nitroaniline	99-09-2	mg/kg	0.5				ND (0.18)	
4-Nitroaniline	100-01-6	mg/kg					ND (0.18)	
Naphthalene	91-20-3	mg/kg	12	100	12		ND (0.035)	
Nitrobenzene	98-95-3	mg/kg	0.17	15			ND (0.07)	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND (0.07)	
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND (0.18)	
Phenanthrene	85-01-8	mg/kg	1000	100	100		0.0375	
Pyrene	129-00-0	mg/kg	1000	100	100		0.0667	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND (0.18)	
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05		ND (0.0099)	
Benzene	71-43-2	mg/kg	0.06	4.8	0.06		ND (0.00049)	
Bromochloromethane	74-97-5	mg/kg					ND (0.0049)	
Bromodichloromethane	75-27-4	mg/kg					ND (0.002)	
Bromoform	75-25-2	mg/kg					ND (0.0049)	
Bromomethane	74-83-9	mg/kg					ND (0.0049)	
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12		ND (0.0099)	
Carbon disulfide	75-15-0	mg/kg	2.7				ND (0.002)	
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76		ND (0.002)	
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1		ND (0.002)	
Chloroethane	75-00-3	mg/kg	1.9				ND (0.0049)	
Chloroform	67-66-3	mg/kg	0.37	49	0.37		ND (0.002)	
Chloromethane	74-87-3	mg/kg					ND (0.0049)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB14(1.5-2)	SB14(4.5-5)	SB14(4.5-5)
Lab Sample ID:						JD57603-3A	JD57603-4	JD57603-4A
Date Sampled:						12/19/2022 10:50 AM	12/19/2022 10:55 AM	12/19/2022 10:55 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg					ND (0.002)	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND (0.002)	
Dibromochloromethane	124-48-1	mg/kg					ND (0.002)	
1,2-Dibromoethane	106-93-4	mg/kg					ND (0.00099)	
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1		ND (0.00099)	
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4		ND (0.00099)	
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8		ND (0.00099)	
Dichlorodifluoromethane	75-71-8	mg/kg					ND (0.0049)	
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27		ND (0.00099)	
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02		ND (0.00099)	
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33		ND (0.00099)	
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25		ND (0.00099)	
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19		ND (0.00099)	
1,2-Dichloropropane	78-87-5	mg/kg					ND (0.002)	
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND (0.002)	
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND (0.002)	
Ethylbenzene	100-41-4	mg/kg	1	41	1		ND (0.00099)	
Freon 113	76-13-1	mg/kg	6				ND (0.0049)	
2-Hexanone	591-78-6	mg/kg					ND (0.0049)	
Isopropylbenzene	98-82-8	mg/kg	2.3				ND (0.002)	
Methyl Acetate	79-20-9	mg/kg					ND (0.0049)	
Methylcyclohexane	108-87-2	mg/kg					ND (0.002)	
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93		ND (0.00099)	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1				ND (0.0049)	
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05		ND (0.0049)	
Styrene	100-42-5	mg/kg					ND (0.002)	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6				ND (0.002)	
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3		ND (0.002)	
Toluene	108-88-3	mg/kg	0.7	100	0.7		ND (0.00099)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND (0.0049)	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4				ND (0.0049)	
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68		ND (0.002)	
1,1,2-Trichloroethane	79-00-5	mg/kg					ND (0.002)	
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47		ND (0.00099)	
Trichlorofluoromethane	75-69-4	mg/kg					ND (0.0049)	
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02		ND (0.002)	
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26		ND (0.00099)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB14(1.5-2)	SB14(4.5-5)	SB14(4.5-5)
Lab Sample ID:						JD57603-3A	JD57603-4	JD57603-4A
Date Sampled:						12/19/2022 10:50 AM	12/19/2022 10:55 AM	12/19/2022 10:55 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26		ND (0.00099)	
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26		ND (0.00099)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(3.5-4)	SB15(3.5-4)	SB15(6-6.5)
Lab Sample ID:						JD57603-5	JD57603-5A	JD57603-6
Date Sampled:						12/19/2022 11:15 AM	12/19/2022 11:15 AM	12/19/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	ND (0.00067)		ND (0.00071)
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	ND (0.00067)		ND (0.00071)
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	ND (0.00067)		ND (0.00071)
delta-BHC	319-86-8	mg/kg	0.25	100	0.04	ND (0.00067)		ND (0.00071)
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1	ND (0.00067)		ND (0.00071)
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	ND (0.00067)		ND (0.00071)
gamma-Chlordane	5103-74-2	mg/kg	14			ND (0.00067)		ND (0.00071)
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	ND (0.00067)		ND (0.00071)
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	0.0015		ND (0.00071)
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	ND (0.00067)		ND (0.00071)
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.0069 B		0.0046 B
Endrin	72-20-8	mg/kg	0.06	11	0.014	ND (0.00067)		ND (0.00071)
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	ND (0.00067)		ND (0.00071)
Endrin aldehyde	7421-93-4	mg/kg				ND (0.00067)		ND (0.00071)
Endosulfan-I	959-98-8	mg/kg	102	24	2.4	ND (0.00067)		ND (0.00071)
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4	ND (0.00067)		ND (0.00071)
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	ND (0.00067)		ND (0.00071)
Heptachlor epoxide	1024-57-3	mg/kg	0.02			ND (0.00067)		ND (0.00071)
Methoxychlor	72-43-5	mg/kg	900			ND (0.0013)		ND (0.0014)
Endrin ketone	53494-70-5	mg/kg				ND (0.00067)		ND (0.00071)
Toxaphene	8001-35-2	mg/kg				ND (0.017)		ND (0.018)
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.036)
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.036)
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.036)
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.036)
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.036)
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.036)
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.036)
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.036)
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.036)
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%				94.1		91.8
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27	ND (0.23)		ND (0.23)
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(3.5-4)	SB15(3.5-4)	SB15(6-6.5)
Lab Sample ID:						JD57603-5	JD57603-5A	JD57603-6
Date Sampled:						12/19/2022 11:15 AM	12/19/2022 11:15 AM	12/19/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg				8370		7970
Antimony	7440-36-0	mg/kg				ND (2.0)		ND (2.2)
Arsenic	7440-38-2	mg/kg	16	16	13	2.4		ND (2.2)
Barium	7440-39-3	mg/kg	820	400	350	86.4		62.6
Beryllium	7440-41-7	mg/kg	47	72	7.2	0.29		0.27
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5	ND (0.51)		ND (0.56)
Calcium	7440-70-2	mg/kg				7510		2000
Chromium	7440-47-3	mg/kg		180	30	16.6		13.1
Cobalt	7440-48-4	mg/kg				6.1		5.6
Copper	7440-50-8	mg/kg	1720	270	50	17.3		13.1
Iron	7439-89-6	mg/kg				19600		13500
Lead	7439-92-1	mg/kg	450	400	63	44.5		3.5
Magnesium	7439-95-4	mg/kg				3430		2380
Manganese	7439-96-5	mg/kg	2000	2000	1600	281		214
Nickel	7440-02-0	mg/kg	130	310	30	11.9		10.8
Potassium	7440-09-7	mg/kg				1720		1760
Selenium	7782-49-2	mg/kg	4	180	3.9	ND (2.0)		ND (2.2)
Silver	7440-22-4	mg/kg	8.3	180	2	ND (0.51)		ND (0.56)
Sodium	7440-23-5	mg/kg				ND (1000)		ND (1100)
Thallium	7440-28-0	mg/kg				ND (1.0)		ND (1.1)
Vanadium	7440-62-2	mg/kg				20.9		19.5
Zinc	7440-66-6	mg/kg	2480	10000	109	80.5		23.3
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18	ND (0.032)		ND (0.033)
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg					ND (0.85)	
Perfluoropentanoic acid	2706-90-3	ug/kg					ND (0.42)	
Perfluorohexanoic acid	307-24-4	ug/kg					ND (0.21)	
Perfluoroheptanoic acid	375-85-9	ug/kg					ND (0.21)	
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66		ND (0.21)	
Perfluorononanoic acid	375-95-1	ug/kg					ND (0.21)	
Perfluorodecanoic acid	335-76-2	ug/kg					ND (0.21)	
Perfluoroundecanoic acid	2058-94-8	ug/kg					ND (0.21)	
Perfluorododecanoic acid	307-55-1	ug/kg					ND (0.21)	
Perfluorotridecanoic acid	72629-94-8	ug/kg					ND (0.21)	
Perfluorotetradecanoic acid	376-06-7	ug/kg					ND (0.21)	
Perfluorobutanesulfonic acid	375-73-5	ug/kg					ND (0.21)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(3.5-4)	SB15(3.5-4)	SB15(6-6.5)
Lab Sample ID:						JD57603-5	JD57603-5A	JD57603-6
Date Sampled:						12/19/2022 11:15 AM	12/19/2022 11:15 AM	12/19/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg					ND (0.21)	
Perfluorohexanesulfonic acid	355-46-4	ug/kg					ND (0.21)	
Perfluoroheptanesulfonic acid	375-92-8	ug/kg					ND (0.21)	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88		ND (0.21)	
Perfluorononanesulfonic acid	68259-12-1	ug/kg					ND (0.21)	
Perfluorodecanesulfonic acid	335-77-3	ug/kg					ND (0.21)	
Perfluorododecanesulfonic acid	79780-39-5	ug/kg					ND (0.21)	
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg					ND (0.85)	
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg					ND (0.85)	
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg					ND (0.85)	
PFOSA	754-91-6	ug/kg					ND (0.21)	
MeFOSA	31506-32-8	ug/kg					ND (0.21)	
EtFOSA	4151-50-2	ug/kg					ND (0.21)	
MeFOSAA	2355-31-9	ug/kg					ND (0.21)	
EtFOSAA	2991-50-6	ug/kg					ND (0.21)	
MeFOSE	24448-09-7	ug/kg					ND (2.1)	
EtFOSE	1691-99-2	ug/kg					ND (2.1)	
HFPO-DA (GenX)	13252-13-6	ug/kg					ND (0.85)	
ADONA	919005-14-4	ug/kg					ND (0.85)	
PFMPA	377-73-1	ug/kg					ND (0.42)	
PFMBA	863090-89-5	ug/kg					ND (0.42)	
NFDHA	151772-58-6	ug/kg					ND (0.42)	
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg					ND (0.85)	
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg					ND (0.85)	
PFEESA	113507-82-7	ug/kg					ND (0.42)	
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg					ND (1.1)	
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg					ND (5.3)	
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg					ND (5.3)	
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg				ND (0.07)		ND (0.071)
4-Chloro-3-methyl phenol	59-50-7	mg/kg				ND (0.18)		ND (0.18)
2,4-Dichlorophenol	120-83-2	mg/kg	0.4			ND (0.18)		ND (0.18)
2,4-Dimethylphenol	105-67-9	mg/kg				ND (0.18)		ND (0.18)
2,4-Dinitrophenol	51-28-5	mg/kg	0.2			ND (0.18)		ND (0.18)
4,6-Dinitro-o-cresol	534-52-1	mg/kg				ND (0.18)		ND (0.18)
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	ND (0.07)		ND (0.071)
3&4-Methylphenol	M+P-CRESOLS	mg/kg				ND (0.07)		ND (0.071)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(3.5-4)	SB15(3.5-4)	SB15(6-6.5)
Lab Sample ID:						JD57603-5	JD57603-5A	JD57603-6
Date Sampled:						12/19/2022 11:15 AM	12/19/2022 11:15 AM	12/19/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3			ND (0.18)		ND (0.18)
4-Nitrophenol	100-02-7	mg/kg	0.1			ND (0.35)		ND (0.36)
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	ND (0.14)		ND (0.14)
Phenol	108-95-2	mg/kg	0.33	100	0.33	ND (0.07)		ND (0.071)
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg				ND (0.18)		ND (0.18)
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1			ND (0.18)		ND (0.18)
2,4,6-Trichlorophenol	88-06-2	mg/kg				ND (0.18)		ND (0.18)
Acenaphthene	83-32-9	mg/kg	98	100	20	0.1		ND (0.036)
Acenaphthylene	208-96-8	mg/kg	107	100	100	0.0251 J		ND (0.036)
Acetophenone	98-86-2	mg/kg				ND (0.18)		ND (0.18)
Anthracene	120-12-7	mg/kg	1000	100	100	0.316		ND (0.036)
Atrazine	1912-24-9	mg/kg				ND (0.07)		ND (0.071)
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	1.01		ND (0.036)
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	0.955		ND (0.036)
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	0.91		ND (0.036)
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100	0.629		ND (0.036)
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	0.364		ND (0.036)
4-Bromophenyl phenyl ether	101-55-3	mg/kg				ND (0.07)		ND (0.071)
Butyl benzyl phthalate	85-68-7	mg/kg	122			ND (0.07)		ND (0.071)
1,1'-Biphenyl	92-52-4	mg/kg				0.0085 J		ND (0.071)
Benzaldehyde	100-52-7	mg/kg				ND (0.18)		ND (0.18)
2-Chloronaphthalene	91-58-7	mg/kg				ND (0.07)		ND (0.071)
4-Chloroaniline	106-47-8	mg/kg	0.22			ND (0.18)		ND (0.18)
Carbazole	86-74-8	mg/kg				0.078		ND (0.071)
Caprolactam	105-60-2	mg/kg				ND (0.07)		ND (0.071)
Chrysene	218-01-9	mg/kg	1	3.9	1	1.01		ND (0.036)
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				ND (0.07)		ND (0.071)
bis(2-Chloroethyl)ether	111-44-4	mg/kg				ND (0.07)		ND (0.071)
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg				ND (0.07)		ND (0.071)
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				ND (0.07)		ND (0.071)
2,4-Dinitrotoluene	121-14-2	mg/kg				ND (0.035)		ND (0.036)
2,6-Dinitrotoluene	606-20-2	mg/kg	1			ND (0.035)		ND (0.036)
3,3'-Dichlorobenzidine	91-94-1	mg/kg				ND (0.07)		ND (0.071)
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	ND (0.035)		ND (0.036)
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.154		ND (0.036)
Dibenzofuran	132-64-9	mg/kg	6.2	59	7	0.0451 J		ND (0.071)
Di-n-butyl phthalate	84-74-2	mg/kg	8.1			ND (0.07)		ND (0.071)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(3.5-4)	SB15(3.5-4)	SB15(6-6.5)
Lab Sample ID:						JD57603-5	JD57603-5A	JD57603-6
Date Sampled:						12/19/2022 11:15 AM	12/19/2022 11:15 AM	12/19/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120			ND (0.07)		ND (0.071)
Diethyl phthalate	84-66-2	mg/kg	7.1			ND (0.07)		ND (0.071)
Dimethyl phthalate	131-11-3	mg/kg	27			ND (0.07)		ND (0.071)
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435			ND (0.07)		ND (0.071)
Fluoranthene	206-44-0	mg/kg	1000	100	100	1.64		ND (0.036)
Fluorene	86-73-7	mg/kg	386	100	30	0.0939		ND (0.036)
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33	ND (0.07)		ND (0.071)
Hexachlorobutadiene	87-68-3	mg/kg				ND (0.035)		ND (0.036)
Hexachlorocyclopentadiene	77-47-4	mg/kg				ND (0.35)		ND (0.36)
Hexachloroethane	67-72-1	mg/kg				ND (0.18)		ND (0.18)
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.699		ND (0.036)
Isophorone	78-59-1	mg/kg	4.4			ND (0.07)		ND (0.071)
2-Methylnaphthalene	91-57-6	mg/kg	36.4			0.0185 J		ND (0.036)
2-Nitroaniline	88-74-4	mg/kg	0.4			ND (0.18)		ND (0.18)
3-Nitroaniline	99-09-2	mg/kg	0.5			ND (0.18)		ND (0.18)
4-Nitroaniline	100-01-6	mg/kg				ND (0.18)		ND (0.18)
Naphthalene	91-20-3	mg/kg	12	100	12	0.0265 J		ND (0.036)
Nitrobenzene	98-95-3	mg/kg	0.17	15		ND (0.07)		ND (0.071)
N-Nitroso-di-n-propylamine	621-64-7	mg/kg				ND (0.07)		ND (0.071)
N-Nitrosodiphenylamine	86-30-6	mg/kg				ND (0.18)		ND (0.18)
Phenanthrene	85-01-8	mg/kg	1000	100	100	1.47		ND (0.036)
Pyrene	129-00-0	mg/kg	1000	100	100	1.98		ND (0.036)
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				ND (0.18)		ND (0.18)
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05	ND (0.009)		ND (0.0099)
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	ND (0.00045)		ND (0.0005)
Bromochloromethane	74-97-5	mg/kg				ND (0.0045)		ND (0.005)
Bromodichloromethane	75-27-4	mg/kg				ND (0.0018)		ND (0.002)
Bromoform	75-25-2	mg/kg				ND (0.0045)		ND (0.005)
Bromomethane	74-83-9	mg/kg				ND (0.0045)		ND (0.005)
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12	ND (0.009)		ND (0.0099)
Carbon disulfide	75-15-0	mg/kg	2.7			ND (0.0018)		ND (0.002)
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	ND (0.0018)		ND (0.002)
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	ND (0.0018)		ND (0.002)
Chloroethane	75-00-3	mg/kg	1.9			ND (0.0045)		ND (0.005)
Chloroform	67-66-3	mg/kg	0.37	49	0.37	ND (0.0018)		ND (0.002)
Chloromethane	74-87-3	mg/kg				ND (0.0045)		ND (0.005)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(3.5-4)	SB15(3.5-4)	SB15(6-6.5)
Lab Sample ID:						JD57603-5	JD57603-5A	JD57603-6
Date Sampled:						12/19/2022 11:15 AM	12/19/2022 11:15 AM	12/19/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg				ND (0.0018)		ND (0.002)
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				ND (0.0018)		ND (0.002)
Dibromochloromethane	124-48-1	mg/kg				ND (0.0018)		ND (0.002)
1,2-Dibromoethane	106-93-4	mg/kg				ND (0.0009)		ND (0.00099)
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	ND (0.0009)		ND (0.00099)
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	ND (0.0009)		ND (0.00099)
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	ND (0.0009)		ND (0.00099)
Dichlorodifluoromethane	75-71-8	mg/kg				ND (0.0045)		ND (0.005)
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	ND (0.0009)		ND (0.00099)
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	ND (0.0009)		ND (0.00099)
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	ND (0.0009)		ND (0.00099)
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	ND (0.0009)		ND (0.00099)
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	ND (0.0009)		ND (0.00099)
1,2-Dichloropropane	78-87-5	mg/kg				ND (0.0018)		ND (0.002)
cis-1,3-Dichloropropene	10061-01-5	mg/kg				ND (0.0018)		ND (0.002)
trans-1,3-Dichloropropene	10061-02-6	mg/kg				ND (0.0018)		ND (0.002)
Ethylbenzene	100-41-4	mg/kg	1	41	1	ND (0.0009)		ND (0.00099)
Freon 113	76-13-1	mg/kg	6			ND (0.0045)		ND (0.005)
2-Hexanone	591-78-6	mg/kg				ND (0.0045)		ND (0.005)
Isopropylbenzene	98-82-8	mg/kg	2.3			ND (0.0018)		ND (0.002)
Methyl Acetate	79-20-9	mg/kg				ND (0.0045)		ND (0.005)
Methylcyclohexane	108-87-2	mg/kg				ND (0.0018)		ND (0.002)
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93	ND (0.0009)		ND (0.00099)
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1			ND (0.0045)		ND (0.005)
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	ND (0.0045)		ND (0.005)
Styrene	100-42-5	mg/kg				ND (0.0018)		ND (0.002)
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6			ND (0.0018)		ND (0.002)
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	ND (0.0018)		ND (0.002)
Toluene	108-88-3	mg/kg	0.7	100	0.7	ND (0.0009)		ND (0.00099)
1,2,3-Trichlorobenzene	87-61-6	mg/kg				ND (0.0045)		ND (0.005)
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4			ND (0.0045)		ND (0.005)
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	ND (0.0018)		ND (0.002)
1,1,2-Trichloroethane	79-00-5	mg/kg				ND (0.0018)		ND (0.002)
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	ND (0.0009)		ND (0.00099)
Trichlorofluoromethane	75-69-4	mg/kg				ND (0.0045)		ND (0.005)
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	ND (0.0018)		ND (0.002)
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26	ND (0.0009)		ND (0.00099)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(3.5-4)	SB15(3.5-4)	SB15(6-6.5)
Lab Sample ID:						JD57603-5	JD57603-5A	JD57603-6
Date Sampled:						12/19/2022 11:15 AM	12/19/2022 11:15 AM	12/19/2022 11:20 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26	ND (0.0009)		ND (0.00099)
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26	ND (0.0009)		ND (0.00099)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(6-6.5)	SB21(2-2.5)	SB21(2-2.5)
Lab Sample ID:						JD57603-6A	JD57603-13	JD57603-13A
Date Sampled:						12/19/2022 11:20 AM	12/19/2022 12:58 PM	12/19/2022 12:58 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005		ND (0.00068)	
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02		ND (0.00068)	
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036		ND (0.00068)	
delta-BHC	319-86-8	mg/kg	0.25	100	0.04		ND (0.00068)	
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1		ND (0.00068)	
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094		ND (0.00068)	
gamma-Chlordane	5103-74-2	mg/kg	14				ND (0.00068)	
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005		ND (0.00068)	
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033		ND (0.00068)	
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033		ND (0.00068)	
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033		0.0052 B	
Endrin	72-20-8	mg/kg	0.06	11	0.014		ND (0.00068)	
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4		ND (0.00068)	
Endrin aldehyde	7421-93-4	mg/kg					ND (0.00068)	
Endosulfan-I	959-98-8	mg/kg	102	24	2.4		ND (0.00068)	
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4		ND (0.00068)	
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042		ND (0.00068)	
Heptachlor epoxide	1024-57-3	mg/kg	0.02				ND (0.00068)	
Methoxychlor	72-43-5	mg/kg	900				ND (0.0014)	
Endrin ketone	53494-70-5	mg/kg					ND (0.00068)	
Toxaphene	8001-35-2	mg/kg					ND (0.017)	
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1		ND (0.034)	
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1		ND (0.034)	
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%					94.2	
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27		ND (0.24)	
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(6-6.5)	SB21(2-2.5)	SB21(2-2.5)
Lab Sample ID:						JD57603-6A	JD57603-13	JD57603-13A
Date Sampled:						12/19/2022 11:20 AM	12/19/2022 12:58 PM	12/19/2022 12:58 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg					8050	
Antimony	7440-36-0	mg/kg					ND (2.2)	
Arsenic	7440-38-2	mg/kg	16	16	13		ND (2.2)	
Barium	7440-39-3	mg/kg	820	400	350		78.3	
Beryllium	7440-41-7	mg/kg	47	72	7.2		0.3	
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5		ND (0.55)	
Calcium	7440-70-2	mg/kg					7300	
Chromium	7440-47-3	mg/kg		180	30		17.3	
Cobalt	7440-48-4	mg/kg					6.3	
Copper	7440-50-8	mg/kg	1720	270	50		19.3	
Iron	7439-89-6	mg/kg					14600	
Lead	7439-92-1	mg/kg	450	400	63		23.9	
Magnesium	7439-95-4	mg/kg					4990	
Manganese	7439-96-5	mg/kg	2000	2000	1600		248	
Nickel	7440-02-0	mg/kg	130	310	30		12.9	
Potassium	7440-09-7	mg/kg					2000	
Selenium	7782-49-2	mg/kg	4	180	3.9		ND (2.2)	
Silver	7440-22-4	mg/kg	8.3	180	2		ND (0.55)	
Sodium	7440-23-5	mg/kg					ND (1100)	
Thallium	7440-28-0	mg/kg					ND (1.1)	
Vanadium	7440-62-2	mg/kg					26.1	
Zinc	7440-66-6	mg/kg	2480	10000	109		46.3	
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18		0.033	
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg				ND (0.87)		ND (0.86)
Perfluoropentanoic acid	2706-90-3	ug/kg				ND (0.44)		ND (0.43)
Perfluorohexanoic acid	307-24-4	ug/kg				ND (0.22)		ND (0.21)
Perfluoroheptanoic acid	375-85-9	ug/kg				ND (0.22)		ND (0.21)
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	ND (0.22)		ND (0.21)
Perfluorononanoic acid	375-95-1	ug/kg				ND (0.22)		ND (0.21)
Perfluorodecanoic acid	335-76-2	ug/kg				ND (0.22)		ND (0.21)
Perfluoroundecanoic acid	2058-94-8	ug/kg				ND (0.22)		ND (0.21)
Perfluorododecanoic acid	307-55-1	ug/kg				ND (0.22)		ND (0.21)
Perfluorotridecanoic acid	72629-94-8	ug/kg				ND (0.22)		ND (0.21)
Perfluorotetradecanoic acid	376-06-7	ug/kg				ND (0.22)		ND (0.21)
Perfluorobutanesulfonic acid	375-73-5	ug/kg				ND (0.22)		ND (0.21)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(6-6.5)	SB21(2-2.5)	SB21(2-2.5)
Lab Sample ID:						JD57603-6A	JD57603-13	JD57603-13A
Date Sampled:						12/19/2022 11:20 AM	12/19/2022 12:58 PM	12/19/2022 12:58 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg				ND (0.22)		ND (0.21)
Perfluorohexanesulfonic acid	355-46-4	ug/kg				ND (0.22)		ND (0.21)
Perfluoroheptanesulfonic acid	375-92-8	ug/kg				ND (0.22)		ND (0.21)
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	ND (0.22)		ND (0.21)
Perfluorononanesulfonic acid	68259-12-1	ug/kg				ND (0.22)		ND (0.21)
Perfluorodecanesulfonic acid	335-77-3	ug/kg				ND (0.22)		ND (0.21)
Perfluorododecanesulfonic acid	79780-39-5	ug/kg				ND (0.22)		ND (0.21)
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg				ND (0.87)		ND (0.86)
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg				ND (0.87)		ND (0.86)
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg				ND (0.87)		ND (0.86)
PFOSA	754-91-6	ug/kg				ND (0.22)		ND (0.21)
MeFOSA	31506-32-8	ug/kg				ND (0.22)		ND (0.21)
EtFOSA	4151-50-2	ug/kg				ND (0.22)		ND (0.21)
MeFOSAA	2355-31-9	ug/kg				ND (0.22)		ND (0.21)
EtFOSAA	2991-50-6	ug/kg				ND (0.22)		ND (0.21)
MeFOSE	24448-09-7	ug/kg				ND (2.2)		ND (2.1)
EtFOSE	1691-99-2	ug/kg				ND (2.2)		ND (2.1)
HFPO-DA (GenX)	13252-13-6	ug/kg				ND (0.87)		ND (0.86)
ADONA	919005-14-4	ug/kg				ND (0.87)		ND (0.86)
PFMPA	377-73-1	ug/kg				ND (0.44)		ND (0.43)
PFMBA	863090-89-5	ug/kg				ND (0.44)		ND (0.43)
NFDHA	151772-58-6	ug/kg				ND (0.44)		ND (0.43)
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg				ND (0.87)		ND (0.86)
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg				ND (0.87)		ND (0.86)
PFEESA	113507-82-7	ug/kg				ND (0.44)		ND (0.43)
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg				ND (1.1)		ND (1.1)
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg				ND (5.4)		ND (5.4)
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg				ND (5.4)		ND (5.4)
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg					ND (0.07)	
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND (0.17)	
2,4-Dichlorophenol	120-83-2	mg/kg	0.4				ND (0.17)	
2,4-Dimethylphenol	105-67-9	mg/kg					ND (0.17)	
2,4-Dinitrophenol	51-28-5	mg/kg	0.2				ND (0.17)	
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND (0.17)	
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33		ND (0.07)	
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND (0.07)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(6-6.5)	SB21(2-2.5)	SB21(2-2.5)
Lab Sample ID:						JD57603-6A	JD57603-13	JD57603-13A
Date Sampled:						12/19/2022 11:20 AM	12/19/2022 12:58 PM	12/19/2022 12:58 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3				ND (0.17)	
4-Nitrophenol	100-02-7	mg/kg	0.1				ND (0.35)	
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8		ND (0.14)	
Phenol	108-95-2	mg/kg	0.33	100	0.33		ND (0.07)	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND (0.17)	
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1				ND (0.17)	
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND (0.17)	
Acenaphthene	83-32-9	mg/kg	98	100	20		ND (0.035)	
Acenaphthylene	208-96-8	mg/kg	107	100	100		0.0205 J	
Acetophenone	98-86-2	mg/kg					ND (0.17)	
Anthracene	120-12-7	mg/kg	1000	100	100		0.038	
Atrazine	1912-24-9	mg/kg					ND (0.07)	
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1		0.171	
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1		0.179	
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1		0.206	
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100		0.132	
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8		0.0884	
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND (0.07)	
Butyl benzyl phthalate	85-68-7	mg/kg	122				ND (0.07)	
1,1'-Biphenyl	92-52-4	mg/kg					ND (0.07)	
Benzaldehyde	100-52-7	mg/kg					ND (0.17)	
2-Chloronaphthalene	91-58-7	mg/kg					ND (0.07)	
4-Chloroaniline	106-47-8	mg/kg	0.22				ND (0.17)	
Carbazole	86-74-8	mg/kg					0.0145 J	
Caprolactam	105-60-2	mg/kg					ND (0.07)	
Chrysene	218-01-9	mg/kg	1	3.9	1		0.179	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND (0.07)	
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND (0.07)	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND (0.07)	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND (0.07)	
2,4-Dinitrotoluene	121-14-2	mg/kg					ND (0.035)	
2,6-Dinitrotoluene	606-20-2	mg/kg	1				ND (0.035)	
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND (0.07)	
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1		ND (0.035)	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33		0.0345 J	
Dibenzofuran	132-64-9	mg/kg	6.2	59	7		ND (0.07)	
Di-n-butyl phthalate	84-74-2	mg/kg	8.1				ND (0.07)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(6-6.5)	SB21(2-2.5)	SB21(2-2.5)
Lab Sample ID:						JD57603-6A	JD57603-13	JD57603-13A
Date Sampled:						12/19/2022 11:20 AM	12/19/2022 12:58 PM	12/19/2022 12:58 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120				ND (0.07)	
Diethyl phthalate	84-66-2	mg/kg	7.1				ND (0.07)	
Dimethyl phthalate	131-11-3	mg/kg	27				ND (0.07)	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435				ND (0.07)	
Fluoranthene	206-44-0	mg/kg	1000	100	100		0.282	
Fluorene	86-73-7	mg/kg	386	100	30		ND (0.035)	
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33		ND (0.07)	
Hexachlorobutadiene	87-68-3	mg/kg					ND (0.035)	
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND (0.35)	
Hexachloroethane	67-72-1	mg/kg					ND (0.17)	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5		0.151	
Isophorone	78-59-1	mg/kg	4.4				ND (0.07)	
2-Methylnaphthalene	91-57-6	mg/kg	36.4				ND (0.035)	
2-Nitroaniline	88-74-4	mg/kg	0.4				ND (0.17)	
3-Nitroaniline	99-09-2	mg/kg	0.5				ND (0.17)	
4-Nitroaniline	100-01-6	mg/kg					ND (0.17)	
Naphthalene	91-20-3	mg/kg	12	100	12		0.0101 J	
Nitrobenzene	98-95-3	mg/kg	0.17	15			ND (0.07)	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND (0.07)	
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND (0.17)	
Phenanthrene	85-01-8	mg/kg	1000	100	100		0.119	
Pyrene	129-00-0	mg/kg	1000	100	100		0.284	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND (0.17)	
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05		ND (0.0098)	
Benzene	71-43-2	mg/kg	0.06	4.8	0.06		ND (0.00049)	
Bromochloromethane	74-97-5	mg/kg					ND (0.0049)	
Bromodichloromethane	75-27-4	mg/kg					ND (0.002)	
Bromoform	75-25-2	mg/kg					ND (0.0049)	
Bromomethane	74-83-9	mg/kg					ND (0.0049)	
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12		ND (0.0098)	
Carbon disulfide	75-15-0	mg/kg	2.7				ND (0.002)	
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76		ND (0.002)	
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1		ND (0.002)	
Chloroethane	75-00-3	mg/kg	1.9				ND (0.0049)	
Chloroform	67-66-3	mg/kg	0.37	49	0.37		ND (0.002)	
Chloromethane	74-87-3	mg/kg					ND (0.0049)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(6-6.5)	SB21(2-2.5)	SB21(2-2.5)
Lab Sample ID:						JD57603-6A	JD57603-13	JD57603-13A
Date Sampled:						12/19/2022 11:20 AM	12/19/2022 12:58 PM	12/19/2022 12:58 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg					ND (0.002)	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND (0.002)	
Dibromochloromethane	124-48-1	mg/kg					ND (0.002)	
1,2-Dibromoethane	106-93-4	mg/kg					ND (0.00098)	
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1		ND (0.00098)	
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4		ND (0.00098)	
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8		ND (0.00098)	
Dichlorodifluoromethane	75-71-8	mg/kg					ND (0.0049)	
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27		ND (0.00098)	
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02		ND (0.00098)	
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33		ND (0.00098)	
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25		ND (0.00098)	
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19		ND (0.00098)	
1,2-Dichloropropane	78-87-5	mg/kg					ND (0.002)	
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND (0.002)	
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND (0.002)	
Ethylbenzene	100-41-4	mg/kg	1	41	1		ND (0.00098)	
Freon 113	76-13-1	mg/kg	6				ND (0.0049)	
2-Hexanone	591-78-6	mg/kg					ND (0.0049)	
Isopropylbenzene	98-82-8	mg/kg	2.3				ND (0.002)	
Methyl Acetate	79-20-9	mg/kg					ND (0.0049)	
Methylcyclohexane	108-87-2	mg/kg					ND (0.002)	
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93		ND (0.00098)	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1				ND (0.0049)	
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05		ND (0.0049)	
Styrene	100-42-5	mg/kg					ND (0.002)	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6				ND (0.002)	
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3		ND (0.002)	
Toluene	108-88-3	mg/kg	0.7	100	0.7		ND (0.00098)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND (0.0049)	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4				ND (0.0049)	
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68		ND (0.002)	
1,1,2-Trichloroethane	79-00-5	mg/kg					ND (0.002)	
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47		ND (0.00098)	
Trichlorofluoromethane	75-69-4	mg/kg					ND (0.0049)	
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02		ND (0.002)	
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26		ND (0.00098)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB15(6-6.5)	SB21(2-2.5)	SB21(2-2.5)
Lab Sample ID:						JD57603-6A	JD57603-13	JD57603-13A
Date Sampled:						12/19/2022 11:20 AM	12/19/2022 12:58 PM	12/19/2022 12:58 PM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26		ND (0.00098)	
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26		ND (0.00098)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB21(5-5.5)	SB21(5-5.5)	SB25 (.5-1)
Lab Sample ID:						JD57603-14	JD57603-14A	JD57654-7
Date Sampled:						12/19/2022 1:00 PM	12/19/2022 1:00 PM	12/20/2022 10:00 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	ND (0.00069)		ND (0.00069)
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	ND (0.00069)		ND (0.00069)
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	ND (0.00069)		ND (0.00069)
delta-BHC	319-86-8	mg/kg	0.25	100	0.04	ND (0.00069)		ND (0.00069)
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1	ND (0.00069)		ND (0.00069)
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	ND (0.00069)		0.00099
gamma-Chlordane	5103-74-2	mg/kg	14			ND (0.00069)		ND (0.00069)
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	ND (0.00069)		ND (0.00069)
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	ND (0.00069)		ND (0.00069)
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	ND (0.00069)		ND (0.00069)
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.0014 B		0.0018 B
Endrin	72-20-8	mg/kg	0.06	11	0.014	ND (0.00069)		ND (0.00069)
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	ND (0.00069)		ND (0.00069)
Endrin aldehyde	7421-93-4	mg/kg				ND (0.00069)		ND (0.00069)
Endosulfan-I	959-98-8	mg/kg	102	24	2.4	ND (0.00069)		ND (0.00069)
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4	ND (0.00069)		ND (0.00069)
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	ND (0.00069)		ND (0.00069)
Heptachlor epoxide	1024-57-3	mg/kg	0.02			ND (0.00069)		ND (0.00069)
Methoxychlor	72-43-5	mg/kg	900			ND (0.0014)		ND (0.0014)
Endrin ketone	53494-70-5	mg/kg				ND (0.00069)		ND (0.00069)
Toxaphene	8001-35-2	mg/kg				ND (0.017)		ND (0.017)
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.034)
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.034)
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.034)
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.034)
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.034)
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.034)
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.034)
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.034)
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	ND (0.034)		ND (0.034)
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%				96		94.6
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27	ND (0.26)		ND (0.26)
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB21(5-5.5)	SB21(5-5.5)	SB25 (.5-1)
Lab Sample ID:						JD57603-14	JD57603-14A	JD57654-7
Date Sampled:						12/19/2022 1:00 PM	12/19/2022 1:00 PM	12/20/2022 10:00 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg				5160		8130
Antimony	7440-36-0	mg/kg				ND (2.1)		ND (2.1)
Arsenic	7440-38-2	mg/kg	16	16	13	ND (2.1)		ND (2.1)
Barium	7440-39-3	mg/kg	820	400	350	42		107
Beryllium	7440-41-7	mg/kg	47	72	7.2	ND (0.21)		0.42
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5	ND (0.53)		ND (0.53)
Calcium	7440-70-2	mg/kg				2190		6260
Chromium	7440-47-3	mg/kg		180	30	9.4		23
Cobalt	7440-48-4	mg/kg				ND (5.3)		6.4
Copper	7440-50-8	mg/kg	1720	270	50	10		21.9
Iron	7439-89-6	mg/kg				9690		14900
Lead	7439-92-1	mg/kg	450	400	63	7		22.8
Magnesium	7439-95-4	mg/kg				2090		5940
Manganese	7439-96-5	mg/kg	2000	2000	1600	177		234
Nickel	7440-02-0	mg/kg	130	310	30	7.8		15.5
Potassium	7440-09-7	mg/kg				ND (1100)		2410
Selenium	7782-49-2	mg/kg	4	180	3.9	ND (2.1)		ND (2.1)
Silver	7440-22-4	mg/kg	8.3	180	2	ND (0.53)		ND (0.53)
Sodium	7440-23-5	mg/kg				ND (1100)		ND (1100)
Thallium	7440-28-0	mg/kg				ND (1.1)		ND (1.1)
Vanadium	7440-62-2	mg/kg				13.6		26.5
Zinc	7440-66-6	mg/kg	2480	10000	109	22.3		41.5
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18	ND (0.032)		0.049
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg					ND (0.83)	
Perfluoropentanoic acid	2706-90-3	ug/kg					ND (0.41)	
Perfluorohexanoic acid	307-24-4	ug/kg					ND (0.21)	
Perfluoroheptanoic acid	375-85-9	ug/kg					ND (0.21)	
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66		ND (0.21)	
Perfluorononanoic acid	375-95-1	ug/kg					ND (0.21)	
Perfluorodecanoic acid	335-76-2	ug/kg					ND (0.21)	
Perfluoroundecanoic acid	2058-94-8	ug/kg					ND (0.21)	
Perfluorododecanoic acid	307-55-1	ug/kg					ND (0.21)	
Perfluorotridecanoic acid	72629-94-8	ug/kg					ND (0.21)	
Perfluorotetradecanoic acid	376-06-7	ug/kg					ND (0.21)	
Perfluorobutanesulfonic acid	375-73-5	ug/kg					ND (0.21)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB21(5-5.5)	SB21(5-5.5)	SB25 (.5-1)
Lab Sample ID:						JD57603-14	JD57603-14A	JD57654-7
Date Sampled:						12/19/2022 1:00 PM	12/19/2022 1:00 PM	12/20/2022 10:00 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg					ND (0.21)	
Perfluorohexanesulfonic acid	355-46-4	ug/kg					ND (0.21)	
Perfluoroheptanesulfonic acid	375-92-8	ug/kg					ND (0.21)	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88		ND (0.21)	
Perfluorononanesulfonic acid	68259-12-1	ug/kg					ND (0.21)	
Perfluorodecanesulfonic acid	335-77-3	ug/kg					ND (0.21)	
Perfluorododecanesulfonic acid	79780-39-5	ug/kg					ND (0.21)	
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg					ND (0.83)	
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg					ND (0.83)	
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg					ND (0.83)	
PFOSA	754-91-6	ug/kg					ND (0.21)	
MeFOSA	31506-32-8	ug/kg					ND (0.21)	
EtFOSA	4151-50-2	ug/kg					ND (0.21)	
MeFOSAA	2355-31-9	ug/kg					ND (0.21)	
EtFOSAA	2991-50-6	ug/kg					ND (0.21)	
MeFOSE	24448-09-7	ug/kg					ND (2.1)	
EtFOSE	1691-99-2	ug/kg					ND (2.1)	
HFPO-DA (GenX)	13252-13-6	ug/kg					ND (0.83)	
ADONA	919005-14-4	ug/kg					ND (0.83)	
PFMPA	377-73-1	ug/kg					ND (0.41)	
PFMBA	863090-89-5	ug/kg					ND (0.41)	
NFDHA	151772-58-6	ug/kg					ND (0.41)	
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg					ND (0.83)	
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg					ND (0.83)	
PFEESA	113507-82-7	ug/kg					ND (0.41)	
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg					ND (1.0)	
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg					ND (5.2)	
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg					ND (5.2)	
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg				ND (0.068)		ND (0.07)
4-Chloro-3-methyl phenol	59-50-7	mg/kg				ND (0.17)		ND (0.18)
2,4-Dichlorophenol	120-83-2	mg/kg	0.4			ND (0.17)		ND (0.18)
2,4-Dimethylphenol	105-67-9	mg/kg				ND (0.17)		ND (0.18)
2,4-Dinitrophenol	51-28-5	mg/kg	0.2			ND (0.17)		ND (0.18)
4,6-Dinitro-o-cresol	534-52-1	mg/kg				ND (0.17)		ND (0.18)
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	ND (0.068)		ND (0.07)
3&4-Methylphenol	M+P-CRESOLS	mg/kg				ND (0.068)		ND (0.07)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB21(5-5.5)	SB21(5-5.5)	SB25 (.5-1)
Lab Sample ID:						JD57603-14	JD57603-14A	JD57654-7
Date Sampled:						12/19/2022 1:00 PM	12/19/2022 1:00 PM	12/20/2022 10:00 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3			ND (0.17)		ND (0.18)
4-Nitrophenol	100-02-7	mg/kg	0.1			ND (0.34)		ND (0.35)
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	ND (0.14)		ND (0.14)
Phenol	108-95-2	mg/kg	0.33	100	0.33	ND (0.068)		ND (0.07)
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg				ND (0.17)		ND (0.18)
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1			ND (0.17)		ND (0.18)
2,4,6-Trichlorophenol	88-06-2	mg/kg				ND (0.17)		ND (0.18)
Acenaphthene	83-32-9	mg/kg	98	100	20	ND (0.034)		ND (0.035)
Acenaphthylene	208-96-8	mg/kg	107	100	100	ND (0.034)		ND (0.035)
Acetophenone	98-86-2	mg/kg				ND (0.17)		ND (0.18)
Anthracene	120-12-7	mg/kg	1000	100	100	ND (0.034)		0.0222 J
Atrazine	1912-24-9	mg/kg				ND (0.068)		ND (0.07)
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	0.0633		0.104
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	0.0724		0.121
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	0.0771		0.127
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100	ND (0.034)		0.101
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	0.03 J		0.0406
4-Bromophenyl phenyl ether	101-55-3	mg/kg				ND (0.068)		ND (0.07)
Butyl benzyl phthalate	85-68-7	mg/kg	122			ND (0.068)		ND (0.07)
1,1'-Biphenyl	92-52-4	mg/kg				ND (0.068)		ND (0.07)
Benzaldehyde	100-52-7	mg/kg				ND (0.17)		ND (0.18)
2-Chloronaphthalene	91-58-7	mg/kg				ND (0.068)		ND (0.07)
4-Chloroaniline	106-47-8	mg/kg	0.22			ND (0.17)		ND (0.18)
Carbazole	86-74-8	mg/kg				ND (0.068)		0.0104 J
Caprolactam	105-60-2	mg/kg				ND (0.068)		ND (0.07)
Chrysene	218-01-9	mg/kg	1	3.9	1	0.0618		0.0944
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				ND (0.068)		ND (0.07)
bis(2-Chloroethyl)ether	111-44-4	mg/kg				ND (0.068)		ND (0.07)
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg				ND (0.068)		ND (0.07)
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				ND (0.068)		ND (0.07)
2,4-Dinitrotoluene	121-14-2	mg/kg				ND (0.034)		ND (0.035)
2,6-Dinitrotoluene	606-20-2	mg/kg	1			ND (0.034)		ND (0.035)
3,3'-Dichlorobenzidine	91-94-1	mg/kg				ND (0.068)		ND (0.07)
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	ND (0.034)		ND (0.035)
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	ND (0.034)		0.0332 J
Dibenzofuran	132-64-9	mg/kg	6.2	59	7	ND (0.068)		ND (0.07)
Di-n-butyl phthalate	84-74-2	mg/kg	8.1			ND (0.068)		ND (0.07)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB21(5-5.5)	SB21(5-5.5)	SB25 (.5-1)
Lab Sample ID:						JD57603-14	JD57603-14A	JD57654-7
Date Sampled:						12/19/2022 1:00 PM	12/19/2022 1:00 PM	12/20/2022 10:00 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120			ND (0.068)		ND (0.07)
Diethyl phthalate	84-66-2	mg/kg	7.1			ND (0.068)		ND (0.07)
Dimethyl phthalate	131-11-3	mg/kg	27			ND (0.068)		ND (0.07)
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435			ND (0.068)		ND (0.07)
Fluoranthene	206-44-0	mg/kg	1000	100	100	0.117		0.183
Fluorene	86-73-7	mg/kg	386	100	30	ND (0.034)		ND (0.035)
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33	ND (0.068)		ND (0.07)
Hexachlorobutadiene	87-68-3	mg/kg				ND (0.034)		ND (0.035)
Hexachlorocyclopentadiene	77-47-4	mg/kg				ND (0.34)		ND (0.35)
Hexachloroethane	67-72-1	mg/kg				ND (0.17)		ND (0.18)
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.0667		0.116
Isophorone	78-59-1	mg/kg	4.4			ND (0.068)		ND (0.07)
2-Methylnaphthalene	91-57-6	mg/kg	36.4			ND (0.034)		ND (0.035)
2-Nitroaniline	88-74-4	mg/kg	0.4			ND (0.17)		ND (0.18)
3-Nitroaniline	99-09-2	mg/kg	0.5			ND (0.17)		ND (0.18)
4-Nitroaniline	100-01-6	mg/kg				ND (0.17)		ND (0.18)
Naphthalene	91-20-3	mg/kg	12	100	12	ND (0.034)		ND (0.035)
Nitrobenzene	98-95-3	mg/kg	0.17	15		ND (0.068)		ND (0.07)
N-Nitroso-di-n-propylamine	621-64-7	mg/kg				ND (0.068)		ND (0.07)
N-Nitrosodiphenylamine	86-30-6	mg/kg				ND (0.17)		ND (0.18)
Phenanthrene	85-01-8	mg/kg	1000	100	100	0.0507		0.0821
Pyrene	129-00-0	mg/kg	1000	100	100	0.113		0.172
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				ND (0.17)		ND (0.18)
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05	ND (0.011)		ND (0.009)
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	ND (0.00054)		ND (0.00045)
Bromochloromethane	74-97-5	mg/kg				ND (0.0054)		ND (0.0045)
Bromodichloromethane	75-27-4	mg/kg				ND (0.0022)		ND (0.0018)
Bromoform	75-25-2	mg/kg				ND (0.0054)		ND (0.0045)
Bromomethane	74-83-9	mg/kg				ND (0.0054)		ND (0.0045)
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12	ND (0.011)		ND (0.009)
Carbon disulfide	75-15-0	mg/kg	2.7			ND (0.0022)		ND (0.0018)
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	ND (0.0022)		ND (0.0018)
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	ND (0.0022)		ND (0.0018)
Chloroethane	75-00-3	mg/kg	1.9			ND (0.0054)		ND (0.0045)
Chloroform	67-66-3	mg/kg	0.37	49	0.37	ND (0.0022)		ND (0.0018)
Chloromethane	74-87-3	mg/kg				ND (0.0054)		ND (0.0045)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB21(5-5.5)	SB21(5-5.5)	SB25 (.5-1)
Lab Sample ID:						JD57603-14	JD57603-14A	JD57654-7
Date Sampled:						12/19/2022 1:00 PM	12/19/2022 1:00 PM	12/20/2022 10:00 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg				ND (0.0022)		ND (0.0018)
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				ND (0.0022)		ND (0.0018)
Dibromochloromethane	124-48-1	mg/kg				ND (0.0022)		ND (0.0018)
1,2-Dibromoethane	106-93-4	mg/kg				ND (0.0011)		ND (0.0009)
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	ND (0.0011)		ND (0.0009)
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	ND (0.0011)		ND (0.0009)
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	ND (0.0011)		ND (0.0009)
Dichlorodifluoromethane	75-71-8	mg/kg				ND (0.0054)		ND (0.0045)
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	ND (0.0011)		ND (0.0009)
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	ND (0.0011)		ND (0.0009)
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	ND (0.0011)		ND (0.0009)
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	ND (0.0011)		ND (0.0009)
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	ND (0.0011)		ND (0.0009)
1,2-Dichloropropane	78-87-5	mg/kg				ND (0.0022)		ND (0.0018)
cis-1,3-Dichloropropene	10061-01-5	mg/kg				ND (0.0022)		ND (0.0018)
trans-1,3-Dichloropropene	10061-02-6	mg/kg				ND (0.0022)		ND (0.0018)
Ethylbenzene	100-41-4	mg/kg	1	41	1	ND (0.0011)		ND (0.0009)
Freon 113	76-13-1	mg/kg	6			ND (0.0054)		ND (0.0045)
2-Hexanone	591-78-6	mg/kg				ND (0.0054)		ND (0.0045)
Isopropylbenzene	98-82-8	mg/kg	2.3			ND (0.0022)		ND (0.0018)
Methyl Acetate	79-20-9	mg/kg				ND (0.0054)		ND (0.0045)
Methylcyclohexane	108-87-2	mg/kg				ND (0.0022)		ND (0.0018)
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93	ND (0.0011)		ND (0.0009)
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1			ND (0.0054)		ND (0.0045)
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	ND (0.0054)		ND (0.0045)
Styrene	100-42-5	mg/kg				ND (0.0022)		ND (0.0018)
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6			ND (0.0022)		ND (0.0018)
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	ND (0.0022)		ND (0.0018)
Toluene	108-88-3	mg/kg	0.7	100	0.7	ND (0.0011)		ND (0.0009)
1,2,3-Trichlorobenzene	87-61-6	mg/kg				ND (0.0054)		ND (0.0045)
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4			ND (0.0054)		ND (0.0045)
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	ND (0.0022)		ND (0.0018)
1,1,2-Trichloroethane	79-00-5	mg/kg				ND (0.0022)		ND (0.0018)
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	ND (0.0011)		ND (0.0009)
Trichlorofluoromethane	75-69-4	mg/kg				ND (0.0054)		ND (0.0045)
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	ND (0.0022)		ND (0.0018)
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26	ND (0.0011)		ND (0.0009)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB21(5-5.5)	SB21(5-5.5)	SB25 (.5-1)
Lab Sample ID:						JD57603-14	JD57603-14A	JD57654-7
Date Sampled:						12/19/2022 1:00 PM	12/19/2022 1:00 PM	12/20/2022 10:00 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26	ND (0.0011)		ND (0.0009)
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26	ND (0.0011)		ND (0.0009)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB25 (.5-1)	SB25 (7-7.5)	SB25 (7-7.5)
Lab Sample ID:						JD57654-7A	JD57654-8	JD57654-8A
Date Sampled:						12/20/2022 10:00 AM	12/20/2022 10:05 AM	12/20/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005		ND (0.00069)	
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02		ND (0.00069)	
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036		ND (0.00069)	
delta-BHC	319-86-8	mg/kg	0.25	100	0.04		ND (0.00069)	
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1		ND (0.00069)	
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094		0.005	
gamma-Chlordane	5103-74-2	mg/kg	14				0.0014	
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005		0.00082	
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033		0.0025	
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033		0.0019	
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033		0.0094 B	
Endrin	72-20-8	mg/kg	0.06	11	0.014		ND (0.00069)	
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4		ND (0.00069)	
Endrin aldehyde	7421-93-4	mg/kg					ND (0.00069)	
Endosulfan-I	959-98-8	mg/kg	102	24	2.4		ND (0.00069)	
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4		ND (0.00069)	
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042		ND (0.00069)	
Heptachlor epoxide	1024-57-3	mg/kg	0.02				0.00096	
Methoxychlor	72-43-5	mg/kg	900				ND (0.0014)	
Endrin ketone	53494-70-5	mg/kg					ND (0.00069)	
Toxaphene	8001-35-2	mg/kg					ND (0.017)	
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1		ND (0.035)	
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1		ND (0.035)	
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%					92.9	
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27		0.43	
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB25 (.5-1)	SB25 (7-7.5)	SB25 (7-7.5)
Lab Sample ID:						JD57654-7A	JD57654-8	JD57654-8A
Date Sampled:						12/20/2022 10:00 AM	12/20/2022 10:05 AM	12/20/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg					6730	
Antimony	7440-36-0	mg/kg					ND (2.2)	
Arsenic	7440-38-2	mg/kg	16	16	13		ND (2.2)	
Barium	7440-39-3	mg/kg	820	400	350		72	
Beryllium	7440-41-7	mg/kg	47	72	7.2		0.34	
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5		ND (0.55)	
Calcium	7440-70-2	mg/kg					6640	
Chromium	7440-47-3	mg/kg		180	30		12.9	
Cobalt	7440-48-4	mg/kg					ND (5.5)	
Copper	7440-50-8	mg/kg	1720	270	50		17.6	
Iron	7439-89-6	mg/kg					13500	
Lead	7439-92-1	mg/kg	450	400	63		45.9	
Magnesium	7439-95-4	mg/kg					3420	
Manganese	7439-96-5	mg/kg	2000	2000	1600		210	
Nickel	7440-02-0	mg/kg	130	310	30		10	
Potassium	7440-09-7	mg/kg					1470	
Selenium	7782-49-2	mg/kg	4	180	3.9		ND (2.2)	
Silver	7440-22-4	mg/kg	8.3	180	2		ND (0.55)	
Sodium	7440-23-5	mg/kg					ND (1100)	
Thallium	7440-28-0	mg/kg					ND (1.1)	
Vanadium	7440-62-2	mg/kg					20.5	
Zinc	7440-66-6	mg/kg	2480	10000	109		71.3	
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18		0.1	
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg				ND (0.84)		ND (0.86)
Perfluoropentanoic acid	2706-90-3	ug/kg				ND (0.42)		ND (0.43)
Perfluorohexanoic acid	307-24-4	ug/kg				ND (0.21)		ND (0.22)
Perfluoroheptanoic acid	375-85-9	ug/kg				ND (0.21)		ND (0.22)
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	ND (0.21)		ND (0.22)
Perfluorononanoic acid	375-95-1	ug/kg				ND (0.21)		ND (0.22)
Perfluorodecanoic acid	335-76-2	ug/kg				ND (0.21)		ND (0.22)
Perfluoroundecanoic acid	2058-94-8	ug/kg				ND (0.21)		ND (0.22)
Perfluorododecanoic acid	307-55-1	ug/kg				ND (0.21)		ND (0.22)
Perfluorotridecanoic acid	72629-94-8	ug/kg				ND (0.21)		ND (0.22)
Perfluorotetradecanoic acid	376-06-7	ug/kg				ND (0.21)		ND (0.22)
Perfluorobutanesulfonic acid	375-73-5	ug/kg				ND (0.21)		ND (0.22)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB25 (.5-1)	SB25 (7-7.5)	SB25 (7-7.5)
Lab Sample ID:						JD57654-7A	JD57654-8	JD57654-8A
Date Sampled:						12/20/2022 10:00 AM	12/20/2022 10:05 AM	12/20/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg				ND (0.21)		ND (0.22)
Perfluorohexanesulfonic acid	355-46-4	ug/kg				ND (0.21)		ND (0.22)
Perfluoroheptanesulfonic acid	375-92-8	ug/kg				ND (0.21)		ND (0.22)
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	ND (0.21)		0.12 J
Perfluorononanesulfonic acid	68259-12-1	ug/kg				ND (0.21)		ND (0.22)
Perfluorodecanesulfonic acid	335-77-3	ug/kg				ND (0.21)		ND (0.22)
Perfluorododecanesulfonic acid	79780-39-5	ug/kg				ND (0.21)		ND (0.22)
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg				ND (0.84)		ND (0.86)
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg				ND (0.84)		ND (0.86)
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg				ND (0.84)		ND (0.86)
PFOSA	754-91-6	ug/kg				ND (0.21)		ND (0.22)
MeFOSA	31506-32-8	ug/kg				ND (0.21)		ND (0.22)
EtFOSA	4151-50-2	ug/kg				ND (0.21)		ND (0.22)
MeFOSAA	2355-31-9	ug/kg				ND (0.21)		ND (0.22)
EtFOSAA	2991-50-6	ug/kg				ND (0.21)		ND (0.22)
MeFOSE	24448-09-7	ug/kg				ND (2.1)		ND (2.2)
EtFOSE	1691-99-2	ug/kg				ND (2.1)		ND (2.2)
HFPO-DA (GenX)	13252-13-6	ug/kg				ND (0.84)		ND (0.86)
ADONA	919005-14-4	ug/kg				ND (0.84)		ND (0.86)
PFMPA	377-73-1	ug/kg				ND (0.42)		ND (0.43)
PFMBA	863090-89-5	ug/kg				ND (0.42)		ND (0.43)
NFDHA	151772-58-6	ug/kg				ND (0.42)		ND (0.43)
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg				ND (0.84)		ND (0.86)
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg				ND (0.84)		ND (0.86)
PFEESA	113507-82-7	ug/kg				ND (0.42)		ND (0.43)
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg				ND (1.0)		ND (1.1)
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg				ND (5.2)		ND (5.4)
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg				ND (5.2)		ND (5.4)
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg					ND (0.071)	
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND (0.18)	
2,4-Dichlorophenol	120-83-2	mg/kg	0.4				ND (0.18)	
2,4-Dimethylphenol	105-67-9	mg/kg					ND (0.18)	
2,4-Dinitrophenol	51-28-5	mg/kg	0.2				ND (0.18)	
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND (0.18)	
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33		ND (0.071)	
3&4-Methylphenol	M+P-CRESOLS	mg/kg					ND (0.071)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB25 (.5-1)	SB25 (7-7.5)	SB25 (7-7.5)
Lab Sample ID:						JD57654-7A	JD57654-8	JD57654-8A
Date Sampled:						12/20/2022 10:00 AM	12/20/2022 10:05 AM	12/20/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3				ND (0.18)	
4-Nitrophenol	100-02-7	mg/kg	0.1				ND (0.36)	
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8		ND (0.14)	
Phenol	108-95-2	mg/kg	0.33	100	0.33		ND (0.071)	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND (0.18)	
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1				ND (0.18)	
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND (0.18)	
Acenaphthene	83-32-9	mg/kg	98	100	20		0.0304 J	
Acenaphthylene	208-96-8	mg/kg	107	100	100		0.0478	
Acetophenone	98-86-2	mg/kg					ND (0.18)	
Anthracene	120-12-7	mg/kg	1000	100	100		0.197	
Atrazine	1912-24-9	mg/kg					ND (0.071)	
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1		0.841	
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1		0.788	
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1		0.677	
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100		0.473	
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8		0.271	
4-Bromophenyl phenyl ether	101-55-3	mg/kg					ND (0.071)	
Butyl benzyl phthalate	85-68-7	mg/kg	122				ND (0.071)	
1,1'-Biphenyl	92-52-4	mg/kg					ND (0.071)	
Benzaldehyde	100-52-7	mg/kg					ND (0.18)	
2-Chloronaphthalene	91-58-7	mg/kg					ND (0.071)	
4-Chloroaniline	106-47-8	mg/kg	0.22				ND (0.18)	
Carbazole	86-74-8	mg/kg					0.0371 J	
Caprolactam	105-60-2	mg/kg					ND (0.071)	
Chrysene	218-01-9	mg/kg	1	3.9	1		0.782	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND (0.071)	
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND (0.071)	
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND (0.071)	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND (0.071)	
2,4-Dinitrotoluene	121-14-2	mg/kg					ND (0.036)	
2,6-Dinitrotoluene	606-20-2	mg/kg	1				ND (0.036)	
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND (0.071)	
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1		ND (0.036)	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33		0.12	
Dibenzofuran	132-64-9	mg/kg	6.2	59	7		ND (0.071)	
Di-n-butyl phthalate	84-74-2	mg/kg	8.1				ND (0.071)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB25 (.5-1)	SB25 (7-7.5)	SB25 (7-7.5)
Lab Sample ID:						JD57654-7A	JD57654-8	JD57654-8A
Date Sampled:						12/20/2022 10:00 AM	12/20/2022 10:05 AM	12/20/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120				ND (0.071)	
Diethyl phthalate	84-66-2	mg/kg	7.1				ND (0.071)	
Dimethyl phthalate	131-11-3	mg/kg	27				ND (0.071)	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435				0.0256 J	
Fluoranthene	206-44-0	mg/kg	1000	100	100		1.77	
Fluorene	86-73-7	mg/kg	386	100	30		0.0314 J	
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33		ND (0.071)	
Hexachlorobutadiene	87-68-3	mg/kg					ND (0.036)	
Hexachlorocyclopentadiene	77-47-4	mg/kg					ND (0.36)	
Hexachloroethane	67-72-1	mg/kg					ND (0.18)	
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5		0.545	
Isophorone	78-59-1	mg/kg	4.4				ND (0.071)	
2-Methylnaphthalene	91-57-6	mg/kg	36.4				0.0082 J	
2-Nitroaniline	88-74-4	mg/kg	0.4				ND (0.18)	
3-Nitroaniline	99-09-2	mg/kg	0.5				ND (0.18)	
4-Nitroaniline	100-01-6	mg/kg					ND (0.18)	
Naphthalene	91-20-3	mg/kg	12	100	12		0.0216 J	
Nitrobenzene	98-95-3	mg/kg	0.17	15			ND (0.071)	
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND (0.071)	
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND (0.18)	
Phenanthrene	85-01-8	mg/kg	1000	100	100		0.829	
Pyrene	129-00-0	mg/kg	1000	100	100		1.68	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND (0.18)	
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05		ND (0.0088)	
Benzene	71-43-2	mg/kg	0.06	4.8	0.06		ND (0.00044)	
Bromochloromethane	74-97-5	mg/kg					ND (0.0044)	
Bromodichloromethane	75-27-4	mg/kg					ND (0.0018)	
Bromoform	75-25-2	mg/kg					ND (0.0044)	
Bromomethane	74-83-9	mg/kg					ND (0.0044)	
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12		ND (0.0088)	
Carbon disulfide	75-15-0	mg/kg	2.7				ND (0.0018)	
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76		ND (0.0018)	
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1		ND (0.0018)	
Chloroethane	75-00-3	mg/kg	1.9				ND (0.0044)	
Chloroform	67-66-3	mg/kg	0.37	49	0.37		ND (0.0018)	
Chloromethane	74-87-3	mg/kg					ND (0.0044)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB25 (.5-1)	SB25 (7-7.5)	SB25 (7-7.5)
Lab Sample ID:						JD57654-7A	JD57654-8	JD57654-8A
Date Sampled:						12/20/2022 10:00 AM	12/20/2022 10:05 AM	12/20/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg					ND (0.0018)	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND (0.0018)	
Dibromochloromethane	124-48-1	mg/kg					ND (0.0018)	
1,2-Dibromoethane	106-93-4	mg/kg					ND (0.00088)	
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1		ND (0.00088)	
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4		ND (0.00088)	
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8		ND (0.00088)	
Dichlorodifluoromethane	75-71-8	mg/kg					ND (0.0044)	
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27		ND (0.00088)	
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02		ND (0.00088)	
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33		ND (0.00088)	
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25		ND (0.00088)	
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19		ND (0.00088)	
1,2-Dichloropropane	78-87-5	mg/kg					ND (0.0018)	
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND (0.0018)	
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND (0.0018)	
Ethylbenzene	100-41-4	mg/kg	1	41	1		ND (0.00088)	
Freon 113	76-13-1	mg/kg	6				ND (0.0044)	
2-Hexanone	591-78-6	mg/kg					ND (0.0044)	
Isopropylbenzene	98-82-8	mg/kg	2.3				ND (0.0018)	
Methyl Acetate	79-20-9	mg/kg					ND (0.0044)	
Methylcyclohexane	108-87-2	mg/kg					ND (0.0018)	
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93		ND (0.00088)	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1				ND (0.0044)	
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05		ND (0.0044)	
Styrene	100-42-5	mg/kg					ND (0.0018)	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6				ND (0.0018)	
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3		ND (0.0018)	
Toluene	108-88-3	mg/kg	0.7	100	0.7		ND (0.00088)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND (0.0044)	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4				ND (0.0044)	
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68		ND (0.0018)	
1,1,2-Trichloroethane	79-00-5	mg/kg					ND (0.0018)	
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47		ND (0.00088)	
Trichlorofluoromethane	75-69-4	mg/kg					ND (0.0044)	
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02		ND (0.0018)	
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26		ND (0.00088)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB25 (.5-1)	SB25 (7-7.5)	SB25 (7-7.5)
Lab Sample ID:						JD57654-7A	JD57654-8	JD57654-8A
Date Sampled:						12/20/2022 10:00 AM	12/20/2022 10:05 AM	12/20/2022 10:05 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26		ND (0.00088)	
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26		ND (0.00088)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (3.5-4)	SB24 (3.5-4)	SB24 (5.5-6)
Lab Sample ID:						JD57654-11	JD57654-11A	JD57654-12
Date Sampled:						12/20/2022 11:25 AM	12/20/2022 11:25 AM	12/20/2022 11:30 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
(GC/LC Semi-volatiles (SW846 8081B))								
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	ND (0.00068)		ND (0.0007)
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	ND (0.00068)		ND (0.0007)
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	ND (0.00068)		ND (0.0007)
delta-BHC	319-86-8	mg/kg	0.25	100	0.04	ND (0.00068)		ND (0.0007)
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1	ND (0.00068)		ND (0.0007)
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	0.00065 J		0.00061 J
gamma-Chlordane	5103-74-2	mg/kg	14			ND (0.00068)		ND (0.0007)
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	ND (0.00068)		ND (0.0007)
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	0.00071		0.00086
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	ND (0.00068)		ND (0.0007)
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	0.0024 B		0.0025 B
Endrin	72-20-8	mg/kg	0.06	11	0.014	ND (0.00068)		ND (0.0007)
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	ND (0.00068)		ND (0.0007)
Endrin aldehyde	7421-93-4	mg/kg				ND (0.00068)		ND (0.0007)
Endosulfan-I	959-98-8	mg/kg	102	24	2.4	ND (0.00068)		ND (0.0007)
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4	ND (0.00068)		ND (0.0007)
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	ND (0.00068)		ND (0.0007)
Heptachlor epoxide	1024-57-3	mg/kg	0.02			ND (0.00068)		ND (0.0007)
Methoxychlor	72-43-5	mg/kg	900			ND (0.0014)		ND (0.0014)
Endrin ketone	53494-70-5	mg/kg				ND (0.00068)		ND (0.0007)
Toxaphene	8001-35-2	mg/kg				ND (0.017)		ND (0.018)
(GC/LC Semi-volatiles (SW846 8082A))								
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	ND (0.035)		ND (0.035)
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	ND (0.035)		ND (0.035)
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	ND (0.035)		ND (0.035)
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	ND (0.035)		ND (0.035)
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	ND (0.035)		ND (0.035)
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	ND (0.035)		ND (0.035)
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	ND (0.035)		ND (0.035)
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	ND (0.035)		ND (0.035)
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	ND (0.035)		ND (0.035)
(General Chemistry (SM2540 G 18TH ED MOD))								
Solids, Percent	PERCENT SOLIDS	%				93.4		93
(General Chemistry (SW846 9012B/LACHAT))								
Cyanide	57-12-5	mg/kg	40	27	27	ND (0.28)		0.41
(Metals Analysis (SW846 6010D))								

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (3.5-4)	SB24 (3.5-4)	SB24 (5.5-6)
Lab Sample ID:						JD57654-11	JD57654-11A	JD57654-12
Date Sampled:						12/20/2022 11:25 AM	12/20/2022 11:25 AM	12/20/2022 11:30 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Aluminum	7429-90-5	mg/kg				10200		10100
Antimony	7440-36-0	mg/kg				ND (2.1)		ND (2.1)
Arsenic	7440-38-2	mg/kg	16	16	13	ND (2.1)		ND (2.1)
Barium	7440-39-3	mg/kg	820	400	350	87.1		94.6
Beryllium	7440-41-7	mg/kg	47	72	7.2	0.44		0.5
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5	ND (0.51)		ND (0.53)
Calcium	7440-70-2	mg/kg				9050		10200
Chromium	7440-47-3	mg/kg		180	30	19.5		19.9
Cobalt	7440-48-4	mg/kg				8.7		8.3
Copper	7440-50-8	mg/kg	1720	270	50	36		32.4
Iron	7439-89-6	mg/kg				18700		18800
Lead	7439-92-1	mg/kg	450	400	63	33.3		38.8
Magnesium	7439-95-4	mg/kg				6960		7470
Manganese	7439-96-5	mg/kg	2000	2000	1600	231		245
Nickel	7440-02-0	mg/kg	130	310	30	16.7		17.4
Potassium	7440-09-7	mg/kg				2420		2720
Selenium	7782-49-2	mg/kg	4	180	3.9	ND (2.1)		ND (2.1)
Silver	7440-22-4	mg/kg	8.3	180	2	ND (0.51)		ND (0.53)
Sodium	7440-23-5	mg/kg				ND (1000)		ND (1100)
Thallium	7440-28-0	mg/kg				ND (1.0)		ND (1.1)
Vanadium	7440-62-2	mg/kg				42.7		35.5
Zinc	7440-66-6	mg/kg	2480	10000	109	57.2		60.3
(Metals Analysis (SW846 7471B))								
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18	0.082		0.18
(MS Semi-volatiles (EPA DRAFT 1633))								
Perfluorobutanoic acid	375-22-4	ug/kg					ND (0.87)	
Perfluoropentanoic acid	2706-90-3	ug/kg					ND (0.43)	
Perfluorohexanoic acid	307-24-4	ug/kg					ND (0.22)	
Perfluoroheptanoic acid	375-85-9	ug/kg					ND (0.22)	
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66		ND (0.22)	
Perfluorononanoic acid	375-95-1	ug/kg					ND (0.22)	
Perfluorodecanoic acid	335-76-2	ug/kg					ND (0.22)	
Perfluoroundecanoic acid	2058-94-8	ug/kg					ND (0.22)	
Perfluorododecanoic acid	307-55-1	ug/kg					ND (0.22)	
Perfluorotridecanoic acid	72629-94-8	ug/kg					ND (0.22)	
Perfluorotetradecanoic acid	376-06-7	ug/kg					ND (0.22)	
Perfluorobutanesulfonic acid	375-73-5	ug/kg					ND (0.22)	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (3.5-4)	SB24 (3.5-4)	SB24 (5.5-6)
Lab Sample ID:						JD57654-11	JD57654-11A	JD57654-12
Date Sampled:						12/20/2022 11:25 AM	12/20/2022 11:25 AM	12/20/2022 11:30 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Perfluoropentanesulfonic acid	2706-91-4	ug/kg					ND (0.22)	
Perfluorohexanesulfonic acid	355-46-4	ug/kg					ND (0.22)	
Perfluoroheptanesulfonic acid	375-92-8	ug/kg					ND (0.22)	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88		ND (0.22)	
Perfluorononanesulfonic acid	68259-12-1	ug/kg					ND (0.22)	
Perfluorodecanesulfonic acid	335-77-3	ug/kg					ND (0.22)	
Perfluorododecanesulfonic acid	79780-39-5	ug/kg					ND (0.22)	
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg					ND (0.87)	
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg					ND (0.87)	
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg					ND (0.87)	
PFOSA	754-91-6	ug/kg					ND (0.22)	
MeFOSA	31506-32-8	ug/kg					ND (0.22)	
EtFOSA	4151-50-2	ug/kg					ND (0.22)	
MeFOSAA	2355-31-9	ug/kg					ND (0.22)	
EtFOSAA	2991-50-6	ug/kg					ND (0.22)	
MeFOSE	24448-09-7	ug/kg					ND (2.2)	
EtFOSE	1691-99-2	ug/kg					ND (2.2)	
HFPO-DA (GenX)	13252-13-6	ug/kg					ND (0.87)	
ADONA	919005-14-4	ug/kg					ND (0.87)	
PFMPA	377-73-1	ug/kg					ND (0.43)	
PFMBA	863090-89-5	ug/kg					ND (0.43)	
NFDHA	151772-58-6	ug/kg					ND (0.43)	
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg					ND (0.87)	
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg					ND (0.87)	
PFEESA	113507-82-7	ug/kg					ND (0.43)	
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg					ND (1.1)	
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg					ND (5.4)	
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg					ND (5.4)	
(MS Semi-volatiles (SW846 8270E))								
2-Chlorophenol	95-57-8	mg/kg				ND (0.07)		ND (0.07)
4-Chloro-3-methyl phenol	59-50-7	mg/kg				ND (0.17)		ND (0.18)
2,4-Dichlorophenol	120-83-2	mg/kg	0.4			ND (0.17)		ND (0.18)
2,4-Dimethylphenol	105-67-9	mg/kg				ND (0.17)		ND (0.18)
2,4-Dinitrophenol	51-28-5	mg/kg	0.2			ND (0.17)		ND (0.18)
4,6-Dinitro-o-cresol	534-52-1	mg/kg				ND (0.17)		ND (0.18)
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	ND (0.07)		ND (0.07)
3&4-Methylphenol	M+P-CRESOLS	mg/kg				ND (0.07)		ND (0.07)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (3.5-4)	SB24 (3.5-4)	SB24 (5.5-6)
Lab Sample ID:						JD57654-11	JD57654-11A	JD57654-12
Date Sampled:						12/20/2022 11:25 AM	12/20/2022 11:25 AM	12/20/2022 11:30 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
2-Nitrophenol	88-75-5	mg/kg	0.3			ND (0.17)		ND (0.18)
4-Nitrophenol	100-02-7	mg/kg	0.1			ND (0.35)		ND (0.35)
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	ND (0.14)		ND (0.14)
Phenol	108-95-2	mg/kg	0.33	100	0.33	ND (0.07)		ND (0.07)
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg				ND (0.17)		ND (0.18)
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1			ND (0.17)		ND (0.18)
2,4,6-Trichlorophenol	88-06-2	mg/kg				ND (0.17)		ND (0.18)
Acenaphthene	83-32-9	mg/kg	98	100	20	0.0396		0.0423
Acenaphthylene	208-96-8	mg/kg	107	100	100	0.0367		0.0348 J
Acetophenone	98-86-2	mg/kg				ND (0.17)		ND (0.18)
Anthracene	120-12-7	mg/kg	1000	100	100	0.161		0.132
Atrazine	1912-24-9	mg/kg				ND (0.07)		ND (0.07)
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	0.39		0.388
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	0.367		0.432
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	0.338		0.393
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100	0.199		0.258
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	0.135		0.155
4-Bromophenyl phenyl ether	101-55-3	mg/kg				ND (0.07)		ND (0.07)
Butyl benzyl phthalate	85-68-7	mg/kg	122			ND (0.07)		ND (0.07)
1,1'-Biphenyl	92-52-4	mg/kg				0.0073 J		ND (0.07)
Benzaldehyde	100-52-7	mg/kg				ND (0.17)		ND (0.18)
2-Chloronaphthalene	91-58-7	mg/kg				ND (0.07)		ND (0.07)
4-Chloroaniline	106-47-8	mg/kg	0.22			ND (0.17)		ND (0.18)
Carbazole	86-74-8	mg/kg				0.0624 J		0.0459 J
Caprolactam	105-60-2	mg/kg				ND (0.07)		ND (0.07)
Chrysene	218-01-9	mg/kg	1	3.9	1	0.36		0.39
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				ND (0.07)		ND (0.07)
bis(2-Chloroethyl)ether	111-44-4	mg/kg				ND (0.07)		ND (0.07)
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg				ND (0.07)		ND (0.07)
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				ND (0.07)		ND (0.07)
2,4-Dinitrotoluene	121-14-2	mg/kg				ND (0.035)		ND (0.035)
2,6-Dinitrotoluene	606-20-2	mg/kg	1			ND (0.035)		ND (0.035)
3,3'-Dichlorobenzidine	91-94-1	mg/kg				ND (0.07)		ND (0.07)
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	ND (0.035)		ND (0.035)
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	0.0641		0.0794
Dibenzofuran	132-64-9	mg/kg	6.2	59	7	0.0414 J		0.0186 J
Di-n-butyl phthalate	84-74-2	mg/kg	8.1			ND (0.07)		ND (0.07)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (3.5-4)	SB24 (3.5-4)	SB24 (5.5-6)
Lab Sample ID:						JD57654-11	JD57654-11A	JD57654-12
Date Sampled:						12/20/2022 11:25 AM	12/20/2022 11:25 AM	12/20/2022 11:30 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Di-n-octyl phthalate	117-84-0	mg/kg	120			ND (0.07)		ND (0.07)
Diethyl phthalate	84-66-2	mg/kg	7.1			ND (0.07)		ND (0.07)
Dimethyl phthalate	131-11-3	mg/kg	27			ND (0.07)		ND (0.07)
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435			ND (0.07)		ND (0.07)
Fluoranthene	206-44-0	mg/kg	1000	100	100	0.844		0.805
Fluorene	86-73-7	mg/kg	386	100	30	0.0433		0.0352
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33	ND (0.07)		ND (0.07)
Hexachlorobutadiene	87-68-3	mg/kg				ND (0.035)		ND (0.035)
Hexachlorocyclopentadiene	77-47-4	mg/kg				ND (0.35)		ND (0.35)
Hexachloroethane	67-72-1	mg/kg				ND (0.17)		ND (0.18)
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	0.256		0.316
Isophorone	78-59-1	mg/kg	4.4			ND (0.07)		ND (0.07)
2-Methylnaphthalene	91-57-6	mg/kg	36.4			0.0204 J		0.0084 J
2-Nitroaniline	88-74-4	mg/kg	0.4			ND (0.17)		ND (0.18)
3-Nitroaniline	99-09-2	mg/kg	0.5			ND (0.17)		ND (0.18)
4-Nitroaniline	100-01-6	mg/kg				ND (0.17)		ND (0.18)
Naphthalene	91-20-3	mg/kg	12	100	12	0.0244 J		0.011 J
Nitrobenzene	98-95-3	mg/kg	0.17	15		ND (0.07)		ND (0.07)
N-Nitroso-di-n-propylamine	621-64-7	mg/kg				ND (0.07)		ND (0.07)
N-Nitrosodiphenylamine	86-30-6	mg/kg				ND (0.17)		ND (0.18)
Phenanthrene	85-01-8	mg/kg	1000	100	100	0.679		0.593
Pyrene	129-00-0	mg/kg	1000	100	100	0.647		0.745
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				ND (0.17)		ND (0.18)
(MS Volatiles (SW846 8260D))								
Acetone	67-64-1	mg/kg	0.05	100	0.05	ND (0.0086)		ND (0.012)
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	ND (0.00043)		ND (0.00058)
Bromochloromethane	74-97-5	mg/kg				ND (0.0043)		ND (0.0058)
Bromodichloromethane	75-27-4	mg/kg				ND (0.0017)		ND (0.0023)
Bromoform	75-25-2	mg/kg				ND (0.0043)		ND (0.0058)
Bromomethane	74-83-9	mg/kg				ND (0.0043)		ND (0.0058)
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12	ND (0.0086)		ND (0.012)
Carbon disulfide	75-15-0	mg/kg	2.7			ND (0.0017)		ND (0.0023)
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	ND (0.0017)		ND (0.0023)
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	ND (0.0017)		ND (0.0023)
Chloroethane	75-00-3	mg/kg	1.9			ND (0.0043)		ND (0.0058)
Chloroform	67-66-3	mg/kg	0.37	49	0.37	0.00046 J		ND (0.0023)
Chloromethane	74-87-3	mg/kg				ND (0.0043)		ND (0.0058)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (3.5-4)	SB24 (3.5-4)	SB24 (5.5-6)
Lab Sample ID:						JD57654-11	JD57654-11A	JD57654-12
Date Sampled:						12/20/2022 11:25 AM	12/20/2022 11:25 AM	12/20/2022 11:30 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
Cyclohexane	110-82-7	mg/kg				ND (0.0017)		ND (0.0023)
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				ND (0.0017)		ND (0.0023)
Dibromochloromethane	124-48-1	mg/kg				ND (0.0017)		ND (0.0023)
1,2-Dibromoethane	106-93-4	mg/kg				ND (0.00086)		ND (0.0012)
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	ND (0.00086)		ND (0.0012)
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	ND (0.00086)		ND (0.0012)
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	ND (0.00086)		ND (0.0012)
Dichlorodifluoromethane	75-71-8	mg/kg				ND (0.0043)		ND (0.0058)
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	ND (0.00086)		ND (0.0012)
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	ND (0.00086)		ND (0.0012)
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	ND (0.00086)		ND (0.0012)
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	ND (0.00086)		ND (0.0012)
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	ND (0.00086)		ND (0.0012)
1,2-Dichloropropane	78-87-5	mg/kg				ND (0.0017)		ND (0.0023)
cis-1,3-Dichloropropene	10061-01-5	mg/kg				ND (0.0017)		ND (0.0023)
trans-1,3-Dichloropropene	10061-02-6	mg/kg				ND (0.0017)		ND (0.0023)
Ethylbenzene	100-41-4	mg/kg	1	41	1	ND (0.00086)		ND (0.0012)
Freon 113	76-13-1	mg/kg	6			ND (0.0043)		ND (0.0058)
2-Hexanone	591-78-6	mg/kg				ND (0.0043)		ND (0.0058)
Isopropylbenzene	98-82-8	mg/kg	2.3			ND (0.0017)		ND (0.0023)
Methyl Acetate	79-20-9	mg/kg				ND (0.0043)		ND (0.0058)
Methylcyclohexane	108-87-2	mg/kg				ND (0.0017)		ND (0.0023)
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93	ND (0.00086)		ND (0.0012)
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1			ND (0.0043)		ND (0.0058)
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	ND (0.0043)		ND (0.0058)
Styrene	100-42-5	mg/kg				ND (0.0017)		ND (0.0023)
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6			ND (0.0017)		ND (0.0023)
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	ND (0.0017)		ND (0.0023)
Toluene	108-88-3	mg/kg	0.7	100	0.7	ND (0.00086)		ND (0.0012)
1,2,3-Trichlorobenzene	87-61-6	mg/kg				ND (0.0043)		ND (0.0058)
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4			ND (0.0043)		ND (0.0058)
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	ND (0.0017)		ND (0.0023)
1,1,2-Trichloroethane	79-00-5	mg/kg				ND (0.0017)		ND (0.0023)
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	ND (0.00086)		ND (0.0012)
Trichlorofluoromethane	75-69-4	mg/kg				ND (0.0043)		ND (0.0058)
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	ND (0.0017)		ND (0.0023)
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26	ND (0.00086)		ND (0.0012)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (3.5-4)	SB24 (3.5-4)	SB24 (5.5-6)
Lab Sample ID:						JD57654-11	JD57654-11A	JD57654-12
Date Sampled:						12/20/2022 11:25 AM	12/20/2022 11:25 AM	12/20/2022 11:30 AM
Matrix:						Soil	Soil	Soil
Analyte	**CAS #**	**Unit**						
o-Xylene	95-47-6	mg/kg	1.6	100	0.26	ND (0.00086)		ND (0.0012)
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26	ND (0.00086)		ND (0.0012)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (5.5-6)
Lab Sample ID:						JD57654-12A
Date Sampled:						12/20/2022 11:30 AM
Matrix:						Soil
Analyte	**CAS #**	**Unit**				
(GC/LC Semi-volatiles (SW846 8081B))						
Aldrin	309-00-2	mg/kg	0.19	0.097	0.005	
alpha-BHC	319-84-6	mg/kg	0.02	0.48	0.02	
beta-BHC	319-85-7	mg/kg	0.09	0.36	0.036	
delta-BHC	319-86-8	mg/kg	0.25	100	0.04	
gamma-BHC (Lindane)	58-89-9	mg/kg	0.1	1.3	0.1	
alpha-Chlordane	5103-71-9	mg/kg	2.9	4.2	0.094	
gamma-Chlordane	5103-74-2	mg/kg	14			
Dieldrin	60-57-1	mg/kg	0.1	0.2	0.005	
4,4'-DDD	72-54-8	mg/kg	14	13	0.0033	
4,4'-DDE	72-55-9	mg/kg	17	8.9	0.0033	
4,4'-DDT	50-29-3	mg/kg	136	7.9	0.0033	
Endrin	72-20-8	mg/kg	0.06	11	0.014	
Endosulfan sulfate	1031-07-8	mg/kg	1000	24	2.4	
Endrin aldehyde	7421-93-4	mg/kg				
Endosulfan-I	959-98-8	mg/kg	102	24	2.4	
Endosulfan-II	33213-65-9	mg/kg	102	24	2.4	
Heptachlor	76-44-8	mg/kg	0.38	2.1	0.042	
Heptachlor epoxide	1024-57-3	mg/kg	0.02			
Methoxychlor	72-43-5	mg/kg	900			
Endrin ketone	53494-70-5	mg/kg				
Toxaphene	8001-35-2	mg/kg				
(GC/LC Semi-volatiles (SW846 8082A))						
Aroclor 1016	12674-11-2	mg/kg	3.2	1	0.1	
Aroclor 1221	11104-28-2	mg/kg	3.2	1	0.1	
Aroclor 1232	11141-16-5	mg/kg	3.2	1	0.1	
Aroclor 1242	53469-21-9	mg/kg	3.2	1	0.1	
Aroclor 1248	12672-29-6	mg/kg	3.2	1	0.1	
Aroclor 1254	11097-69-1	mg/kg	3.2	1	0.1	
Aroclor 1260	11096-82-5	mg/kg	3.2	1	0.1	
Aroclor 1268	11100-14-4	mg/kg	3.2	1	0.1	
Aroclor 1262	37324-23-5	mg/kg	3.2	1	0.1	
(General Chemistry (SM2540 G 18TH ED MOD))						
Solids, Percent	PERCENT SOLIDS	%				
(General Chemistry (SW846 9012B/LACHAT))						
Cyanide	57-12-5	mg/kg	40	27	27	
(Metals Analysis (SW846 6010D))						

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (5.5-6)
Lab Sample ID:						JD57654-12A
Date Sampled:						12/20/2022 11:30 AM
Matrix:						Soil
Analyte	**CAS #**	**Unit**				
Aluminum	7429-90-5	mg/kg				
Antimony	7440-36-0	mg/kg				
Arsenic	7440-38-2	mg/kg	16	16	13	
Barium	7440-39-3	mg/kg	820	400	350	
Beryllium	7440-41-7	mg/kg	47	72	7.2	
Cadmium	7440-43-9	mg/kg	7.5	4.3	2.5	
Calcium	7440-70-2	mg/kg				
Chromium	7440-47-3	mg/kg		180	30	
Cobalt	7440-48-4	mg/kg				
Copper	7440-50-8	mg/kg	1720	270	50	
Iron	7439-89-6	mg/kg				
Lead	7439-92-1	mg/kg	450	400	63	
Magnesium	7439-95-4	mg/kg				
Manganese	7439-96-5	mg/kg	2000	2000	1600	
Nickel	7440-02-0	mg/kg	130	310	30	
Potassium	7440-09-7	mg/kg				
Selenium	7782-49-2	mg/kg	4	180	3.9	
Silver	7440-22-4	mg/kg	8.3	180	2	
Sodium	7440-23-5	mg/kg				
Thallium	7440-28-0	mg/kg				
Vanadium	7440-62-2	mg/kg				
Zinc	7440-66-6	mg/kg	2480	10000	109	
(Metals Analysis (SW846 7471B))						
Mercury	7439-97-6	mg/kg	0.73	0.81	0.18	
(MS Semi-volatiles (EPA DRAFT 1633))						
Perfluorobutanoic acid	375-22-4	ug/kg				ND (0.87)
Perfluoropentanoic acid	2706-90-3	ug/kg				ND (0.43)
Perfluorohexanoic acid	307-24-4	ug/kg				ND (0.22)
Perfluoroheptanoic acid	375-85-9	ug/kg				ND (0.22)
Perfluorooctanoic acid (PFOA)	335-67-1	ug/kg	0.8	33	0.66	ND (0.22)
Perfluorononanoic acid	375-95-1	ug/kg				ND (0.22)
Perfluorodecanoic acid	335-76-2	ug/kg				ND (0.22)
Perfluoroundecanoic acid	2058-94-8	ug/kg				ND (0.22)
Perfluorododecanoic acid	307-55-1	ug/kg				ND (0.22)
Perfluorotridecanoic acid	72629-94-8	ug/kg				ND (0.22)
Perfluorotetradecanoic acid	376-06-7	ug/kg				ND (0.22)
Perfluorobutanesulfonic acid	375-73-5	ug/kg				ND (0.22)

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (5.5-6)
Lab Sample ID:						JD57654-12A
Date Sampled:						12/20/2022 11:30 AM
Matrix:						Soil
Analyte	**CAS #**	**Unit**				
Perfluoropentanesulfonic acid	2706-91-4	ug/kg				ND (0.22)
Perfluorohexanesulfonic acid	355-46-4	ug/kg				ND (0.22)
Perfluoroheptanesulfonic acid	375-92-8	ug/kg				ND (0.22)
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ug/kg	1	44	0.88	ND (0.22)
Perfluorononanesulfonic acid	68259-12-1	ug/kg				ND (0.22)
Perfluorodecanesulfonic acid	335-77-3	ug/kg				ND (0.22)
Perfluorododecanesulfonic acid	79780-39-5	ug/kg				ND (0.22)
4:2 Fluorotelomer sulfonate	757124-72-4	ug/kg				ND (0.87)
6:2 Fluorotelomer sulfonate	27619-97-2	ug/kg				ND (0.87)
8:2 Fluorotelomer sulfonate	39108-34-4	ug/kg				ND (0.87)
PFOSA	754-91-6	ug/kg				ND (0.22)
MeFOSA	31506-32-8	ug/kg				ND (0.22)
EtFOSA	4151-50-2	ug/kg				ND (0.22)
MeFOSAA	2355-31-9	ug/kg				ND (0.22)
EtFOSAA	2991-50-6	ug/kg				ND (0.22)
MeFOSE	24448-09-7	ug/kg				ND (2.2)
EtFOSE	1691-99-2	ug/kg				ND (2.2)
HFPO-DA (GenX)	13252-13-6	ug/kg				ND (0.87)
ADONA	919005-14-4	ug/kg				ND (0.87)
PFMPA	377-73-1	ug/kg				ND (0.43)
PFMBA	863090-89-5	ug/kg				ND (0.43)
NFDHA	151772-58-6	ug/kg				ND (0.43)
9Cl-PF3ONS (F-53B Major)	756426-58-1	ug/kg				ND (0.87)
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	ug/kg				ND (0.87)
PFEESA	113507-82-7	ug/kg				ND (0.43)
3:3 Fluorotelomer carboxylate	356-02-5	ug/kg				ND (1.1)
5:3 Fluorotelomer carboxylate	914637-49-3	ug/kg				ND (5.4)
7:3 Fluorotelomer carboxylate	812-70-4	ug/kg				ND (5.4)
(MS Semi-volatiles (SW846 8270E))						
2-Chlorophenol	95-57-8	mg/kg				
4-Chloro-3-methyl phenol	59-50-7	mg/kg				
2,4-Dichlorophenol	120-83-2	mg/kg	0.4			
2,4-Dimethylphenol	105-67-9	mg/kg				
2,4-Dinitrophenol	51-28-5	mg/kg	0.2			
4,6-Dinitro-o-cresol	534-52-1	mg/kg				
2-Methylphenol	95-48-7	mg/kg	0.33	100	0.33	
3&4-Methylphenol	M+P-CRESOLS	mg/kg				

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (5.5-6)
Lab Sample ID:						JD57654-12A
Date Sampled:						12/20/2022 11:30 AM
Matrix:						Soil
Analyte	**CAS #**	**Unit**				
2-Nitrophenol	88-75-5	mg/kg	0.3			
4-Nitrophenol	100-02-7	mg/kg	0.1			
Pentachlorophenol	87-86-5	mg/kg	0.8	6.7	0.8	
Phenol	108-95-2	mg/kg	0.33	100	0.33	
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg				
2,4,5-Trichlorophenol	95-95-4	mg/kg	0.1			
2,4,6-Trichlorophenol	88-06-2	mg/kg				
Acenaphthene	83-32-9	mg/kg	98	100	20	
Acenaphthylene	208-96-8	mg/kg	107	100	100	
Acetophenone	98-86-2	mg/kg				
Anthracene	120-12-7	mg/kg	1000	100	100	
Atrazine	1912-24-9	mg/kg				
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1	
Benzo(a)pyrene	50-32-8	mg/kg	22	1	1	
Benzo(b)fluoranthene	205-99-2	mg/kg	1.7	1	1	
Benzo(g,h,i)perylene	191-24-2	mg/kg	1000	100	100	
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	3.9	0.8	
4-Bromophenyl phenyl ether	101-55-3	mg/kg				
Butyl benzyl phthalate	85-68-7	mg/kg	122			
1,1'-Biphenyl	92-52-4	mg/kg				
Benzaldehyde	100-52-7	mg/kg				
2-Chloronaphthalene	91-58-7	mg/kg				
4-Chloroaniline	106-47-8	mg/kg	0.22			
Carbazole	86-74-8	mg/kg				
Caprolactam	105-60-2	mg/kg				
Chrysene	218-01-9	mg/kg	1	3.9	1	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				
bis(2-Chloroethyl)ether	111-44-4	mg/kg				
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg				
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				
2,4-Dinitrotoluene	121-14-2	mg/kg				
2,6-Dinitrotoluene	606-20-2	mg/kg	1			
3,3'-Dichlorobenzidine	91-94-1	mg/kg				
1,4-Dioxane	123-91-1	mg/kg	0.1	13	0.1	
Dibenzo(a,h)anthracene	53-70-3	mg/kg	1000	0.33	0.33	
Dibenzofuran	132-64-9	mg/kg	6.2	59	7	
Di-n-butyl phthalate	84-74-2	mg/kg	8.1			

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (5.5-6)
Lab Sample ID:						JD57654-12A
Date Sampled:						12/20/2022 11:30 AM
Matrix:						Soil
Analyte	**CAS #**	**Unit**				
Di-n-octyl phthalate	117-84-0	mg/kg	120			
Diethyl phthalate	84-66-2	mg/kg	7.1			
Dimethyl phthalate	131-11-3	mg/kg	27			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	435			
Fluoranthene	206-44-0	mg/kg	1000	100	100	
Fluorene	86-73-7	mg/kg	386	100	30	
Hexachlorobenzene	118-74-1	mg/kg	1.4	1.2	0.33	
Hexachlorobutadiene	87-68-3	mg/kg				
Hexachlorocyclopentadiene	77-47-4	mg/kg				
Hexachloroethane	67-72-1	mg/kg				
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	8.2	0.5	0.5	
Isophorone	78-59-1	mg/kg	4.4			
2-Methylnaphthalene	91-57-6	mg/kg	36.4			
2-Nitroaniline	88-74-4	mg/kg	0.4			
3-Nitroaniline	99-09-2	mg/kg	0.5			
4-Nitroaniline	100-01-6	mg/kg				
Naphthalene	91-20-3	mg/kg	12	100	12	
Nitrobenzene	98-95-3	mg/kg	0.17	15		
N-Nitroso-di-n-propylamine	621-64-7	mg/kg				
N-Nitrosodiphenylamine	86-30-6	mg/kg				
Phenanthrene	85-01-8	mg/kg	1000	100	100	
Pyrene	129-00-0	mg/kg	1000	100	100	
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg				
(MS Volatiles (SW846 8260D))						
Acetone	67-64-1	mg/kg	0.05	100	0.05	
Benzene	71-43-2	mg/kg	0.06	4.8	0.06	
Bromochloromethane	74-97-5	mg/kg				
Bromodichloromethane	75-27-4	mg/kg				
Bromoform	75-25-2	mg/kg				
Bromomethane	74-83-9	mg/kg				
2-Butanone (MEK)	78-93-3	mg/kg	0.3	100	0.12	
Carbon disulfide	75-15-0	mg/kg	2.7			
Carbon tetrachloride	56-23-5	mg/kg	0.76	2.4	0.76	
Chlorobenzene	108-90-7	mg/kg	1.1	100	1.1	
Chloroethane	75-00-3	mg/kg	1.9			
Chloroform	67-66-3	mg/kg	0.37	49	0.37	
Chloromethane	74-87-3	mg/kg				

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (5.5-6)
Lab Sample ID:						JD57654-12A
Date Sampled:						12/20/2022 11:30 AM
Matrix:						Soil
Analyte	**CAS #**	**Unit**				
Cyclohexane	110-82-7	mg/kg				
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg				
Dibromochloromethane	124-48-1	mg/kg				
1,2-Dibromoethane	106-93-4	mg/kg				
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	1.1	
1,3-Dichlorobenzene	541-73-1	mg/kg	2.4	49	2.4	
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	13	1.8	
Dichlorodifluoromethane	75-71-8	mg/kg				
1,1-Dichloroethane	75-34-3	mg/kg	0.27	26	0.27	
1,2-Dichloroethane	107-06-2	mg/kg	0.02	3.1	0.02	
1,1-Dichloroethene	75-35-4	mg/kg	0.33	100	0.33	
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.25	100	0.25	
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	100	0.19	
1,2-Dichloropropane	78-87-5	mg/kg				
cis-1,3-Dichloropropene	10061-01-5	mg/kg				
trans-1,3-Dichloropropene	10061-02-6	mg/kg				
Ethylbenzene	100-41-4	mg/kg	1	41	1	
Freon 113	76-13-1	mg/kg	6			
2-Hexanone	591-78-6	mg/kg				
Isopropylbenzene	98-82-8	mg/kg	2.3			
Methyl Acetate	79-20-9	mg/kg				
Methylcyclohexane	108-87-2	mg/kg				
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.93	100	0.93	
4-Methyl-2-pentanone(MIBK)	108-10-1	mg/kg	1			
Methylene chloride	75-09-2	mg/kg	0.05	100	0.05	
Styrene	100-42-5	mg/kg				
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.6			
Tetrachloroethene	127-18-4	mg/kg	1.3	19	1.3	
Toluene	108-88-3	mg/kg	0.7	100	0.7	
1,2,3-Trichlorobenzene	87-61-6	mg/kg				
1,2,4-Trichlorobenzene	120-82-1	mg/kg	3.4			
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	0.68	
1,1,2-Trichloroethane	79-00-5	mg/kg				
Trichloroethene	79-01-6	mg/kg	0.47	21	0.47	
Trichlorofluoromethane	75-69-4	mg/kg				
Vinyl chloride	75-01-4	mg/kg	0.02	0.9	0.02	
m,p-Xylene	M,P-XYLENE	mg/kg	1.6	100	0.26	

Table 3.1 Summary of Soil Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

Client Sample ID:			PGWSCOs	RRSCOs	USCOs	SB24 (5.5-6)
Lab Sample ID:						JD57654-12A
Date Sampled:						12/20/2022 11:30 AM
Matrix:						Soil
Analyte	**CAS #**	**Unit**				
o-Xylene	95-47-6	mg/kg	1.6	100	0.26	
Xylene (total)	1330-20-7	mg/kg	1.6	100	0.26	

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				GW-16		GW-17		GW-18		GW-19	
SAMPLING DATE				6/9/2023		6/9/2023		7/19/2023		7/19/2023	
LAB SAMPLE ID				L2332665-06		L2332665-07		L2341423-01		L2341423-02	
SAMPLE TYPE				WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)											
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry											
Cyanide, Total	57-12-5	200	ug/l	5	U	3	J	2	J	5	U
Organochlorine Pesticides by GC											
Delta-BHC	319-86-8	0.04	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Lindane	58-89-9	0.05	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Alpha-BHC	319-84-6	0.01	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Beta-BHC	319-85-7	0.04	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor	76-44-8	0.04	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Aldrin	309-00-2	0	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor epoxide	1024-57-3	0.03	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Endrin	72-20-8	0	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Endrin aldehyde	7421-93-4	5	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Endrin ketone	53494-70-5	5	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Dieldrin	60-57-1	0.004	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDE	72-55-9	0.2	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDD	72-54-8	0.3	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDT	50-29-3	0.2	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan I	959-98-8		ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Endosulfan II	33213-65-9		ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan sulfate	1031-07-8		ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Methoxychlor	72-43-5	35	ug/l	0.143	U	0.143	U	0.143	U	0.143	U
Toxaphene	8001-35-2	0.06	ug/l	0.143	U	0.143	U	0.143	U	0.143	U
cis-Chlordane	5103-71-9		ug/l	0.014	U	0.014	U	0.014	U	0.014	U
trans-Chlordane	5103-74-2		ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Chlordane	57-74-9	0.05	ug/l	0.143	U	0.143	U	0.143	U	0.143	U
Polychlorinated Biphenyls by GC											
Aroclor 1016	12674-11-2	0.09	ug/l	0.089	U	0.071	U	0.071	U	0.071	U
Aroclor 1221	11104-28-2	0.09	ug/l	0.089	U	0.071	U	0.071	U	0.071	U
Aroclor 1232	11141-16-5	0.09	ug/l	0.089	U	0.071	U	0.071	U	0.071	U
Aroclor 1242	53469-21-9	0.09	ug/l	0.089	U	0.071	U	0.071	U	0.071	U
Aroclor 1248	12672-29-6	0.09	ug/l	0.089	U	0.071	U	0.071	U	0.071	U
Aroclor 1254	11097-69-1	0.09	ug/l	0.089	U	0.071	U	0.071	U	0.071	U
Aroclor 1260	11096-82-5	0.09	ug/l	0.089	U	0.071	U	0.071	U	0.071	U
Aroclor 1262	37324-23-5	0.09	ug/l	0.089	U	0.071	U	0.071	U	0.071	U
Aroclor 1268	11100-14-4	0.09	ug/l	0.089	U	0.071	U	0.071	U	0.071	U
PCBs, Total	1336-36-3		ug/l	0.089	U	0.071	U	0.071	U	0.071	U
Semivolatile Organics by GC/MS											
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	111-44-4	1	ug/l	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2	U	2	U	2	U	2	U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	5	U	5	U	5	U	5	U

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				GW-16		GW-17		GW-18		GW-19	
SAMPLING DATE				6/9/2023		6/9/2023		7/19/2023		7/19/2023	
LAB SAMPLE ID				L2332665-06		L2332665-07		L2341423-01		L2341423-02	
SAMPLE TYPE				WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)											
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2,4-Dinitrotoluene	121-14-2	5	ug/l	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	ug/l	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	7005-72-3		ug/l	2	U	2	U	2	U	2	U
4-Bromophenyl phenyl ether	101-55-3		ug/l	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	108-60-1	5	ug/l	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	111-91-1	5	ug/l	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	20	U	20	U	20	U	20	U
Isophorone	78-59-1	50	ug/l	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	0.4	ug/l	2	U	2	U	2	U	2	U
NDPA/DPA	86-30-6	50	ug/l	2	U	2	U	2	U	2	U
n-Nitrosodi-n-propylamine	621-64-7		ug/l	5	U	5	U	5	U	5	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	ug/l	3	U	3	U	3	U	3	U
Butyl benzyl phthalate	85-68-7	50	ug/l	5	U	5	U	5	U	5	U
Di-n-butylphthalate	84-74-2	50	ug/l	5	U	5	U	5	U	5	U
Di-n-octylphthalate	117-84-0	50	ug/l	5	U	5	U	5	U	5	U
Diethyl phthalate	84-66-2	50	ug/l	5	U	5	U	5	U	5	U
Dimethyl phthalate	131-11-3	50	ug/l	5	U	5	U	5	U	5	U
Biphenyl	92-52-4		ug/l	2	U	2	U	2	U	2	U
4-Chloroaniline	106-47-8	5	ug/l	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	5	ug/l	5	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	5	ug/l	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	5	ug/l	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9		ug/l	2	U	2	U	2	U	2	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	10	U	10	U	10	U	10	U
Acetophenone	98-86-2		ug/l	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2		ug/l	5	U	5	U	5	U	5	U
p-Chloro-m-cresol	59-50-7		ug/l	2	U	2	U	2	U	2	U
2-Chlorophenol	95-57-8		ug/l	2	U	2	U	2	U	2	U
2,4-Dichlorophenol	120-83-2	1	ug/l	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	50	ug/l	5	U	5	U	5	U	5	U
2-Nitrophenol	88-75-5		ug/l	10	U	10	U	10	U	10	U
4-Nitrophenol	100-02-7		ug/l	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	51-28-5	10	ug/l	20	U	20	U	20	U	20	U
4,6-Dinitro-o-cresol	534-52-1		ug/l	10	U	10	U	10	U	10	U
Phenol	108-95-2	1	ug/l	5	U	1.3	J	5	U	5	U
2-Methylphenol	95-48-7		ug/l	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ug/l	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4		ug/l	5	U	5	U	5	U	5	U
Benzoic Acid	65-85-0		ug/l	8.1	J	11	J	50	U	50	U
Benzyl Alcohol	100-51-6		ug/l	2	U	2	U	2	U	2	U
Carbazole	86-74-8		ug/l	2	U	2	U	2	U	2	U
Semivolatile Organics by GC/MS-SIM											
Acenaphthene	83-32-9	20	ug/l	0.04	J	0.11		0.1	U	0.1	U
2-Chloronaphthalene	91-58-7	10	ug/l	0.2	U	0.2	U	0.2	U	0.2	U
Fluoranthene	206-44-0	50	ug/l	0.02	J	0.08	J	0.02	J	0.04	J
Hexachlorobutadiene	87-68-3	0.5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				GW-16		GW-17		GW-18		GW-19	
SAMPLING DATE				6/9/2023		6/9/2023		7/19/2023		7/19/2023	
LAB SAMPLE ID				L2332665-06		L2332665-07		L2341423-01		L2341423-02	
SAMPLE TYPE				WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)											
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Naphthalene	91-20-3	10	ug/l	0.1	U	1.3		0.1	U	0.1	U
Benzo(a)anthracene	56-55-3	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	50-32-8	0	ug/l	0.1	U	0.02	J	0.1	U	0.1	U
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	0.1	U	0.02	J	0.1	U	0.1	U
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.01	J
Chrysene	218-01-9	0.002	ug/l	0.1	U	0.02	J	0.1	U	0.1	U
Acenaphthylene	208-96-8		ug/l	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	120-12-7	50	ug/l	0.02	J	0.04	J	0.01	J	0.03	J
Benzo(ghi)perylene	191-24-2		ug/l	0.1	U	0.1	U	0.1	U	0.1	U
Fluorene	86-73-7	50	ug/l	0.03	J	0.08	J	0.1	U	0.02	J
Phenanthrene	85-01-8	50	ug/l	0.04	J	0.15		0.1	U	0.05	J
Dibenzo(a,h)anthracene	53-70-3		ug/l	0.1	U	0.1	U	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.1	U
Pyrene	129-00-0	50	ug/l	0.02	J	0.08	J	0.02	J	0.04	J
2-Methylnaphthalene	91-57-6		ug/l	0.1	U	0.66		0.1	U	0.1	U
Pentachlorophenol	87-86-5	1	ug/l	0.8	U	0.8	U	0.8	U	0.8	U
Hexachlorobenzene	118-74-1	0.04	ug/l	0.8	U	0.8	U	0.8	U	0.02	J
Hexachloroethane	67-72-1	5	ug/l	0.8	U	0.8	U	0.8	U	0.8	U
Total Metals											
Aluminum, Total	7429-90-5		ug/l	27700		48000		16300		9990	
Antimony, Total	7440-36-0	3	ug/l	4	U	4	U	4	U	4	U
Arsenic, Total	7440-38-2	25	ug/l	2.23		3.22		4.36		16.2	
Barium, Total	7440-39-3	1000	ug/l	664.6		2032		859		2396	
Beryllium, Total	7440-41-7	3	ug/l	0.67		1.51		0.99		1.17	
Cadmium, Total	7440-43-9	5	ug/l	0.56		1.39		2.05		1.65	
Calcium, Total	7440-70-2		ug/l	207000		400000		357000		701000	
Chromium, Total	7440-47-3	50	ug/l	57.69		116.8		40.1		95.15	
Cobalt, Total	7440-48-4		ug/l	49.13		132.4		52.61		40.75	
Copper, Total	7440-50-8	200	ug/l	151.5		200.2		76.45		133.6	
Iron, Total	7439-89-6	300	ug/l	46500		78400		25200		71000	
Lead, Total	7439-92-1	25	ug/l	51.9		80.37		30.32		71.55	
Magnesium, Total	7439-95-4	35000	ug/l	127000		265000		108000		222000	
Manganese, Total	7439-96-5	300	ug/l	1926		4566		3830		6587	
Mercury, Total	7439-97-6	0.7	ug/l	0.2	U	0.2	U	0.23		0.29	
Nickel, Total	7440-02-0	100	ug/l	73.78		130.2		42.47		51.17	
Potassium, Total	7440-09-7		ug/l	20200		26700		73400		45100	
Selenium, Total	7782-49-2	10	ug/l	34		104		25.5		6.26	
Silver, Total	7440-22-4	50	ug/l	0.32	J	1.35		0.26	J	0.4	U
Sodium, Total	7440-23-5	20000	ug/l	610000		1770000		862000		836000	
Thallium, Total	7440-28-0	0.5	ug/l	0.59	J	1.42		0.51	J	0.23	J
Vanadium, Total	7440-62-2		ug/l	53.86		43.51		32.29		41.87	
Zinc, Total	7440-66-6	2000	ug/l	199.8		274.9		108.9		73.28	
Volatile Organics by GC/MS											
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	ug/l	2.5	U	2.5	U	2.5	U	2.5	U

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				GW-16		GW-17		GW-18		GW-19	
SAMPLING DATE				6/9/2023		6/9/2023		7/19/2023		7/19/2023	
LAB SAMPLE ID				L2332665-06		L2332665-07		L2341423-01		L2341423-02	
SAMPLE TYPE				WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)											
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	1	U	1	U	1	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	1.5	U	1.5	U	1.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Bromoform	75-25-2	50	ug/l	2	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	100-41-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	1.2	J	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	5	U	5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	5	U	5	U
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	ug/l	2.3	J	1.8	J	5	U	1.7	J
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	5	U	5	U
2-Butanone	78-93-3	50	ug/l	5	U	5	U	5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	5	U	5	U

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				GW-16		GW-17		GW-18		GW-19	
SAMPLING DATE				6/9/2023		6/9/2023		7/19/2023		7/19/2023	
LAB SAMPLE ID				L2332665-06		L2332665-07		L2341423-01		L2341423-02	
SAMPLE TYPE				WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)											
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	2	U	2	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	ug/l	250	U	250	U	250	U	250	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	2	U	2	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	2	U	2	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	2	U	2	U	2	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				**GW-20**		**GW-21**		**GW-22**		**GW-23**	
SAMPLING DATE				**7/19/2023**		**7/19/2023**		**7/19/2023**		**7/19/2023**	
LAB SAMPLE ID				**L2341423-03**		**L2341423-04**		**L2341423-05**		**L2341423-06**	
SAMPLE TYPE				**WATER**		**WATER**		**WATER**		**WATER**	
SAMPLE DEPTH (ft.)											
	CasNum	**NY-AWQS**	**Units**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**	**Results**	**Qual**
General Chemistry											
Cyanide, Total	57-12-5	200	ug/l	3	J	4	J	19		3	J
Organochlorine Pesticides by GC											
Delta-BHC	319-86-8	0.04	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Lindane	58-89-9	0.05	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Alpha-BHC	319-84-6	0.01	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Beta-BHC	319-85-7	0.04	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor	76-44-8	0.04	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Aldrin	309-00-2	0	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor epoxide	1024-57-3	0.03	ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Endrin	72-20-8	0	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Endrin aldehyde	7421-93-4	5	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Endrin ketone	53494-70-5	5	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Dieldrin	60-57-1	0.004	ug/l	0.013	J	0.029	U	0.029	U	0.029	U
4,4'-DDE	72-55-9	0.2	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDD	72-54-8	0.3	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDT	50-29-3	0.2	ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan I	959-98-8		ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Endosulfan II	33213-65-9		ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan sulfate	1031-07-8		ug/l	0.029	U	0.029	U	0.029	U	0.029	U
Methoxychlor	72-43-5	35	ug/l	0.143	U	0.143	U	0.143	U	0.143	U
Toxaphene	8001-35-2	0.06	ug/l	0.143	U	0.143	U	0.143	U	0.143	U
cis-Chlordane	5103-71-9		ug/l	0.014	U	0.014	U	0.014	U	0.014	U
trans-Chlordane	5103-74-2		ug/l	0.014	U	0.014	U	0.014	U	0.014	U
Chlordane	57-74-9	0.05	ug/l	0.143	U	0.143	U	0.143	U	0.143	U
Polychlorinated Biphenyls by GC											
Aroclor 1016	12674-11-2	0.09	ug/l	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1221	11104-28-2	0.09	ug/l	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1232	11141-16-5	0.09	ug/l	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1242	53469-21-9	0.09	ug/l	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1248	12672-29-6	0.09	ug/l	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1254	11097-69-1	0.09	ug/l	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1260	11096-82-5	0.09	ug/l	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1262	37324-23-5	0.09	ug/l	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1268	11100-14-4	0.09	ug/l	0.071	U	0.071	U	0.071	U	0.071	U
PCBs, Total	1336-36-3		ug/l	0.071	U	0.071	U	0.071	U	0.071	U
Semivolatile Organics by GC/MS											
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	111-44-4	1	ug/l	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2	U	2	U	2	U	2	U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	5	U	5	U	5	U	5	U

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				GW-20		GW-21		GW-22		GW-23	
SAMPLING DATE				7/19/2023		7/19/2023		7/19/2023		7/19/2023	
LAB SAMPLE ID				L2341423-03		L2341423-04		L2341423-05		L2341423-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)											
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2,4-Dinitrotoluene	121-14-2	5	ug/l	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	5	ug/l	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	7005-72-3		ug/l	2	U	2	U	2	U	2	U
4-Bromophenyl phenyl ether	101-55-3		ug/l	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	108-60-1	5	ug/l	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	111-91-1	5	ug/l	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	20	U	20	U	20	U	20	U
Isophorone	78-59-1	50	ug/l	5	U	5	U	5	U	5	U
Nitrobenzene	98-95-3	0.4	ug/l	2	U	2	U	2	U	2	U
NDPA/DPA	86-30-6	50	ug/l	2	U	2	U	2	U	2	U
n-Nitrosodi-n-propylamine	621-64-7		ug/l	5	U	5	U	5	U	5	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	ug/l	3	U	3	U	3	U	3	U
Butyl benzyl phthalate	85-68-7	50	ug/l	5	U	5	U	5	U	5	U
Di-n-butylphthalate	84-74-2	50	ug/l	0.9	J	0.57	J	5	U	0.81	J
Di-n-octylphthalate	117-84-0	50	ug/l	5	U	5	U	5	U	5	U
Diethyl phthalate	84-66-2	50	ug/l	5	U	5	U	5	U	5	U
Dimethyl phthalate	131-11-3	50	ug/l	5	U	5	U	5	U	5	U
Biphenyl	92-52-4		ug/l	2	U	2	U	2	U	2	U
4-Chloroaniline	106-47-8	5	ug/l	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	5	ug/l	5	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	5	ug/l	5	U	5	U	5	U	5	U
4-Nitroaniline	100-01-6	5	ug/l	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9		ug/l	2	U	2	U	2	U	2	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	10	U	10	U	10	U	10	U
Acetophenone	98-86-2		ug/l	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2		ug/l	5	U	5	U	5	U	5	U
p-Chloro-m-cresol	59-50-7		ug/l	2	U	2	U	2	U	2	U
2-Chlorophenol	95-57-8		ug/l	2	U	2	U	2	U	2	U
2,4-Dichlorophenol	120-83-2	1	ug/l	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	50	ug/l	5	U	5	U	5	U	5	U
2-Nitrophenol	88-75-5		ug/l	10	U	10	U	10	U	10	U
4-Nitrophenol	100-02-7		ug/l	10	U	10	U	10	U	3	J
2,4-Dinitrophenol	51-28-5	10	ug/l	20	U	20	U	20	U	20	U
4,6-Dinitro-o-cresol	534-52-1		ug/l	10	U	10	U	10	U	10	U
Phenol	108-95-2	1	ug/l	5	U	5	U	5	U	5	U
2-Methylphenol	95-48-7		ug/l	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ug/l	5	U	5	U	5	U	5	U
2,4,5-Trichlorophenol	95-95-4		ug/l	5	U	5	U	5	U	5	U
Benzoic Acid	65-85-0		ug/l	25	J	6.8	J	50	U	57	
Benzyl Alcohol	100-51-6		ug/l	2	U	2	U	2	U	2	U
Carbazole	86-74-8		ug/l	2	U	2	U	2	U	2	U
Semivolatile Organics by GC/MS-SIM											
Acenaphthene	83-32-9	20	ug/l	0.1	U	0.1	U	0.1	U	0.07	J
2-Chloronaphthalene	91-58-7	10	ug/l	0.2	U	0.2	U	0.2	U	0.2	U
Fluoranthene	206-44-0	50	ug/l	0.03	J	0.04	J	0.1	U	0.1	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				GW-20		GW-21		GW-22		GW-23	
SAMPLING DATE				7/19/2023		7/19/2023		7/19/2023		7/19/2023	
LAB SAMPLE ID				L2341423-03		L2341423-04		L2341423-05		L2341423-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)											
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Naphthalene	91-20-3	10	ug/l	0.1	U	0.1	U	0.1	U	0.14	B
Benzo(a)anthracene	56-55-3	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.02	J
Benzo(a)pyrene	50-32-8	0	ug/l	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	0.03	J	0.02	J	0.1	U	0.05	J
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	0.02	J	0.02	J	0.1	U	0.03	J
Chrysene	218-01-9	0.002	ug/l	0.02	J	0.02	J	0.1	U	0.03	J
Acenaphthylene	208-96-8		ug/l	0.1	U	0.1	U	0.1	U	0.02	J
Anthracene	120-12-7	50	ug/l	0.02	J	0.03	J	0.1	U	0.02	J
Benzo(ghi)perylene	191-24-2		ug/l	0.02	J	0.02	J	0.1	U	0.02	J
Fluorene	86-73-7	50	ug/l	0.02	J	0.02	J	0.1	U	0.12	
Phenanthrene	85-01-8	50	ug/l	0.04	J	0.04	J	0.1	U	0.16	
Dibenzo(a,h)anthracene	53-70-3		ug/l	0.1	U	0.01	J	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	0.02	J	0.02	J	0.1	U	0.02	J
Pyrene	129-00-0	50	ug/l	0.1	U	0.06	J	0.1	U	0.1	U
2-Methylnaphthalene	91-57-6		ug/l	0.02	J	0.1	U	0.1	U	0.32	
Pentachlorophenol	87-86-5	1	ug/l	0.8	U	0.8	U	0.8	U	0.8	U
Hexachlorobenzene	118-74-1	0.04	ug/l	0.8	U	0.02	J	0.8	U	0.8	U
Hexachloroethane	67-72-1	5	ug/l	0.8	U	0.8	U	0.8	U	0.8	U
Total Metals											
Aluminum, Total	7429-90-5		ug/l	15900		21600		8880		10800	
Antimony, Total	7440-36-0	3	ug/l	4	U	4	U	4	U	4	U
Arsenic, Total	7440-38-2	25	ug/l	2.55		3.29		1.51		3.44	
Barium, Total	7440-39-3	1000	ug/l	574.8		621.6		333.8		371.4	
Beryllium, Total	7440-41-7	3	ug/l	0.28	J	0.74		0.22	J	0.27	J
Cadmium, Total	7440-43-9	5	ug/l	0.22		0.46		0.16	J	0.21	
Calcium, Total	7440-70-2		ug/l	503000		624000		193000		655000	
Chromium, Total	7440-47-3	50	ug/l	89.21		83.88		52.83		72.86	
Cobalt, Total	7440-48-4		ug/l	69.44		90.47		48.9		27.42	
Copper, Total	7440-50-8	200	ug/l	95.2		98.22		52.4		25.66	
Iron, Total	7439-89-6	300	ug/l	31500		36600		18900		16700	
Lead, Total	7439-92-1	25	ug/l	9.44		27.42		9.01		8.33	
Magnesium, Total	7439-95-4	35000	ug/l	168000		210000		67200		91900	
Manganese, Total	7439-96-5	300	ug/l	1373		3057		1226		676.1	
Mercury, Total	7439-97-6	0.7	ug/l	0.2	U	0.09	J	0.2	U	0.2	U
Nickel, Total	7440-02-0	100	ug/l	49.44		71.63		37.72		27.57	
Potassium, Total	7440-09-7		ug/l	27500		34100		21800		50300	
Selenium, Total	7782-49-2	10	ug/l	3.81	J	5.77		2.54	J	3.36	J
Silver, Total	7440-22-4	50	ug/l	0.4	U	0.18	J	0.4	U	0.4	U
Sodium, Total	7440-23-5	20000	ug/l	1020000		1940000		2060000		2320000	
Thallium, Total	7440-28-0	0.5	ug/l	0.26	J	0.45	J	0.22	J	1	U
Vanadium, Total	7440-62-2		ug/l	53.77		61.11		22.22		30.86	
Zinc, Total	7440-66-6	2000	ug/l	73.09		140.6		37.32		78.9	
Volatile Organics by GC/MS											
Methylene chloride	75-09-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	ug/l	2.5	U	2.5	U	2.5	U	2.5	U

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				GW-20		GW-21		GW-22		GW-23	
SAMPLING DATE				7/19/2023		7/19/2023		7/19/2023		7/19/2023	
LAB SAMPLE ID				L2341423-03		L2341423-04		L2341423-05		L2341423-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)											
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	1	U	1	U	1	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	1.5	U	1.5	U	1.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Bromoform	75-25-2	50	ug/l	2	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	71-43-2	1	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	100-41-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Bromomethane	74-83-9	5	ug/l	2.5	U	2.5	U	2.5	U	0.84	J
Vinyl chloride	75-01-4	2	ug/l	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	5	U	5	U	5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	5	U	5	U	5	U
Styrene	100-42-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	ug/l	5	U	1.8	J	1.8	J	1.6	J
Carbon disulfide	75-15-0	60	ug/l	5	U	5	U	5	U	5	U
2-Butanone	78-93-3	50	ug/l	5	U	5	U	5	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	ug/l	5	U	5	U	5	U	5	U

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION				GW-20		GW-21		GW-22		GW-23	
SAMPLING DATE				7/19/2023		7/19/2023		7/19/2023		7/19/2023	
LAB SAMPLE ID				L2341423-03		L2341423-04		L2341423-05		L2341423-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)											
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Bromochloromethane	74-97-5	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	2	U	2	U	2	U
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	103-65-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1	0.35	ug/l	250	U	250	U	250	U	250	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	2	U	2	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	2	U	2	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	2	U	2	U	2	U	2	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	2.5	U	2.5	U	2.5	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

	LOCATION				GW-23		
	SAMPLING DATE				7/19/2023		
	LAB SAMPLE ID				L2341423-06 R1		
	SAMPLE TYPE				WATER		
	SAMPLE DEPTH (ft.)						
		CasNum	NY-AWQS	Units	Results	Qual	
General Chemistry							
	Cyanide, Total	57-12-5	200	ug/l	-	-	-
Organochlorine Pesticides by GC							
	Delta-BHC	319-86-8	0.04	ug/l	-	-	-
	Lindane	58-89-9	0.05	ug/l	-	-	-
	Alpha-BHC	319-84-6	0.01	ug/l	-	-	-
	Beta-BHC	319-85-7	0.04	ug/l	-	-	-
	Heptachlor	76-44-8	0.04	ug/l	-	-	-
	Aldrin	309-00-2	0	ug/l	-	-	-
	Heptachlor epoxide	1024-57-3	0.03	ug/l	-	-	-
	Endrin	72-20-8	0	ug/l	-	-	-
	Endrin aldehyde	7421-93-4	5	ug/l	-	-	-
	Endrin ketone	53494-70-5	5	ug/l	-	-	-
	Dieldrin	60-57-1	0.004	ug/l	-	-	-
	4,4'-DDE	72-55-9	0.2	ug/l	-	-	-
	4,4'-DDD	72-54-8	0.3	ug/l	-	-	-
	4,4'-DDT	50-29-3	0.2	ug/l	-	-	-
	Endosulfan I	959-98-8		ug/l	-	-	-
	Endosulfan II	33213-65-9		ug/l	-	-	-
	Endosulfan sulfate	1031-07-8		ug/l	-	-	-
	Methoxychlor	72-43-5	35	ug/l	-	-	-
	Toxaphene	8001-35-2	0.06	ug/l	-	-	-
	cis-Chlordane	5103-71-9		ug/l	-	-	-
	trans-Chlordane	5103-74-2		ug/l	-	-	-
	Chlordane	57-74-9	0.05	ug/l	-	-	-
Polychlorinated Biphenyls by GC							
	Aroclor 1016	12674-11-2	0.09	ug/l	-	-	-
	Aroclor 1221	11104-28-2	0.09	ug/l	-	-	-
	Aroclor 1232	11141-16-5	0.09	ug/l	-	-	-
	Aroclor 1242	53469-21-9	0.09	ug/l	-	-	-
	Aroclor 1248	12672-29-6	0.09	ug/l	-	-	-
	Aroclor 1254	11097-69-1	0.09	ug/l	-	-	-
	Aroclor 1260	11096-82-5	0.09	ug/l	-	-	-
	Aroclor 1262	37324-23-5	0.09	ug/l	-	-	-
	Aroclor 1268	11100-14-4	0.09	ug/l	-	-	-
	PCBs, Total	1336-36-3		ug/l	-	-	-
Semivolatile Organics by GC/MS							
	1,2,4-Trichlorobenzene	120-82-1	5	ug/l	-	-	-
	Bis(2-chloroethyl)ether	111-44-4	1	ug/l	-	-	-
	1,2-Dichlorobenzene	95-50-1	3	ug/l	-	-	-
	1,3-Dichlorobenzene	541-73-1	3	ug/l	-	-	-
	1,4-Dichlorobenzene	106-46-7	3	ug/l	-	-	-
	3,3'-Dichlorobenzidine	91-94-1	5	ug/l	-	-	-

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Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION					**GW-23**		
SAMPLING DATE					**7/19/2023**		
LAB SAMPLE ID					**L2341423-06 R1**		
SAMPLE TYPE					**WATER**		
SAMPLE DEPTH (ft.)							
		CasNum	**NY-AWQS**	**Units**	**Results**	**Qual**	
	2,4-Dinitrotoluene	121-14-2	5	ug/l	-	-	-
	2,6-Dinitrotoluene	606-20-2	5	ug/l	-	-	-
	4-Chlorophenyl phenyl ether	7005-72-3		ug/l	-	-	-
	4-Bromophenyl phenyl ether	101-55-3		ug/l	-	-	-
	Bis(2-chloroisopropyl)ether	108-60-1	5	ug/l	-	-	-
	Bis(2-chloroethoxy)methane	111-91-1	5	ug/l	-	-	-
	Hexachlorocyclopentadiene	77-47-4	5	ug/l	-	-	-
	Isophorone	78-59-1	50	ug/l	-	-	-
	Nitrobenzene	98-95-3	0.4	ug/l	-	-	-
	NDPA/DPA	86-30-6	50	ug/l	-	-	-
	n-Nitrosodi-n-propylamine	621-64-7		ug/l	-	-	-
	Bis(2-ethylhexyl)phthalate	117-81-7	5	ug/l	-	-	-
	Butyl benzyl phthalate	85-68-7	50	ug/l	-	-	-
	Di-n-butylphthalate	84-74-2	50	ug/l	-	-	-
	Di-n-octylphthalate	117-84-0	50	ug/l	-	-	-
	Diethyl phthalate	84-66-2	50	ug/l	-	-	-
	Dimethyl phthalate	131-11-3	50	ug/l	-	-	-
	Biphenyl	92-52-4		ug/l	-	-	-
	4-Chloroaniline	106-47-8	5	ug/l	-	-	-
	2-Nitroaniline	88-74-4	5	ug/l	-	-	-
	3-Nitroaniline	99-09-2	5	ug/l	-	-	-
	4-Nitroaniline	100-01-6	5	ug/l	-	-	-
	Dibenzofuran	132-64-9		ug/l	-	-	-
	1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	-	-	-
	Acetophenone	98-86-2		ug/l	-	-	-
	2,4,6-Trichlorophenol	88-06-2		ug/l	-	-	-
	p-Chloro-m-cresol	59-50-7		ug/l	-	-	-
	2-Chlorophenol	95-57-8		ug/l	-	-	-
	2,4-Dichlorophenol	120-83-2	1	ug/l	-	-	-
	2,4-Dimethylphenol	105-67-9	50	ug/l	-	-	-
	2-Nitrophenol	88-75-5		ug/l	-	-	-
	4-Nitrophenol	100-02-7		ug/l	-	-	-
	2,4-Dinitrophenol	51-28-5	10	ug/l	-	-	-
	4,6-Dinitro-o-cresol	534-52-1		ug/l	-	-	-
	Phenol	108-95-2	1	ug/l	-	-	-
	2-Methylphenol	95-48-7		ug/l	-	-	-
	3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ug/l	-	-	-
	2,4,5-Trichlorophenol	95-95-4		ug/l	-	-	-
	Benzoic Acid	65-85-0		ug/l	-	-	-
	Benzyl Alcohol	100-51-6		ug/l	-	-	-
	Carbazole	86-74-8		ug/l	-	-	-
Semivolatile Organics by GC/MS-SIM							
	Acenaphthene	83-32-9	20	ug/l	0.08	J	-
	2-Chloronaphthalene	91-58-7	10	ug/l	0.2	U	-
	Fluoranthene	206-44-0	50	ug/l	0.02	J	-
	Hexachlorobutadiene	87-68-3	0.5	ug/l	0.5	U	-

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Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION					**GW-23**		
SAMPLING DATE					**7/19/2023**		
LAB SAMPLE ID					**L2341423-06 R1**		
SAMPLE TYPE					**WATER**		
SAMPLE DEPTH (ft.)							
		CasNum	**NY-AWQS**	**Units**	**Results**	**Qual**	
	Naphthalene	91-20-3	10	ug/l	1.1	B	-
	Benzo(a)anthracene	56-55-3	0.002	ug/l	0.02	J	-
	Benzo(a)pyrene	50-32-8	0	ug/l	0.1	U	-
	Benzo(b)fluoranthene	205-99-2	0.002	ug/l	0.1	U	-
	Benzo(k)fluoranthene	207-08-9	0.002	ug/l	0.1	U	-
	Chrysene	218-01-9	0.002	ug/l	0.1	U	-
	Acenaphthylene	208-96-8		ug/l	0.08	J	-
	Anthracene	120-12-7	50	ug/l	0.03	J	-
	Benzo(ghi)perylene	191-24-2		ug/l	0.1	U	-
	Fluorene	86-73-7	50	ug/l	0.14		-
	Phenanthrene	85-01-8	50	ug/l	0.2		-
	Dibenzo(a,h)anthracene	53-70-3		ug/l	0.1	U	-
	Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	0.1	U	-
	Pyrene	129-00-0	50	ug/l	0.1	U	-
	2-Methylnaphthalene	91-57-6		ug/l	0.41		-
	Pentachlorophenol	87-86-5	1	ug/l	0.8	U	-
	Hexachlorobenzene	118-74-1	0.04	ug/l	0.8	U	-
	Hexachloroethane	67-72-1	5	ug/l	0.8	U	-
Total Metals							
	Aluminum, Total	7429-90-5		ug/l	-	-	-
	Antimony, Total	7440-36-0	3	ug/l	-	-	-
	Arsenic, Total	7440-38-2	25	ug/l	-	-	-
	Barium, Total	7440-39-3	1000	ug/l	-	-	-
	Beryllium, Total	7440-41-7	3	ug/l	-	-	-
	Cadmium, Total	7440-43-9	5	ug/l	-	-	-
	Calcium, Total	7440-70-2		ug/l	-	-	-
	Chromium, Total	7440-47-3	50	ug/l	-	-	-
	Cobalt, Total	7440-48-4		ug/l	-	-	-
	Copper, Total	7440-50-8	200	ug/l	-	-	-
	Iron, Total	7439-89-6	300	ug/l	-	-	-
	Lead, Total	7439-92-1	25	ug/l	-	-	-
	Magnesium, Total	7439-95-4	35000	ug/l	-	-	-
	Manganese, Total	7439-96-5	300	ug/l	-	-	-
	Mercury, Total	7439-97-6	0.7	ug/l	-	-	-
	Nickel, Total	7440-02-0	100	ug/l	-	-	-
	Potassium, Total	7440-09-7		ug/l	-	-	-
	Selenium, Total	7782-49-2	10	ug/l	-	-	-
	Silver, Total	7440-22-4	50	ug/l	-	-	-
	Sodium, Total	7440-23-5	20000	ug/l	-	-	-
	Thallium, Total	7440-28-0	0.5	ug/l	-	-	-
	Vanadium, Total	7440-62-2		ug/l	-	-	-
	Zinc, Total	7440-66-6	2000	ug/l	-	-	-
Volatile Organics by GC/MS							
	Methylene chloride	75-09-2	5	ug/l	-	-	-
	1,1-Dichloroethane	75-34-3	5	ug/l	-	-	-
	Chloroform	67-66-3	7	ug/l	-	-	-

Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION					**GW-23**		
SAMPLING DATE					**7/19/2023**		
LAB SAMPLE ID					**L2341423-06 R1**		
SAMPLE TYPE					**WATER**		
SAMPLE DEPTH (ft.)							
		CasNum	**NY-AWQS**	**Units**	**Results**	**Qual**	
	Carbon tetrachloride	56-23-5	5	ug/l	-	-	-
	1,2-Dichloropropane	78-87-5	1	ug/l	-	-	-
	Dibromochloromethane	124-48-1	50	ug/l	-	-	-
	1,1,2-Trichloroethane	79-00-5	1	ug/l	-	-	-
	Tetrachloroethene	127-18-4	5	ug/l	-	-	-
	Chlorobenzene	108-90-7	5	ug/l	-	-	-
	Trichlorofluoromethane	75-69-4	5	ug/l	-	-	-
	1,2-Dichloroethane	107-06-2	0.6	ug/l	-	-	-
	1,1,1-Trichloroethane	71-55-6	5	ug/l	-	-	-
	Bromodichloromethane	75-27-4	50	ug/l	-	-	-
	trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	-	-	-
	cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	-	-	-
	1,3-Dichloropropene, Total	542-75-6		ug/l	-	-	-
	1,1-Dichloropropene	563-58-6	5	ug/l	-	-	-
	Bromoform	75-25-2	50	ug/l	-	-	-
	1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	-	-	-
	Benzene	71-43-2	1	ug/l	-	-	-
	Toluene	108-88-3	5	ug/l	-	-	-
	Ethylbenzene	100-41-4	5	ug/l	-	-	-
	Chloromethane	74-87-3		ug/l	-	-	-
	Bromomethane	74-83-9	5	ug/l	-	-	-
	Vinyl chloride	75-01-4	2	ug/l	-	-	-
	Chloroethane	75-00-3	5	ug/l	-	-	-
	1,1-Dichloroethene	75-35-4	5	ug/l	-	-	-
	trans-1,2-Dichloroethene	156-60-5	5	ug/l	-	-	-
	Trichloroethene	79-01-6	5	ug/l	-	-	-
	1,2-Dichlorobenzene	95-50-1	3	ug/l	-	-	-
	1,3-Dichlorobenzene	541-73-1	3	ug/l	-	-	-
	1,4-Dichlorobenzene	106-46-7	3	ug/l	-	-	-
	Methyl tert butyl ether	1634-04-4	10	ug/l	-	-	-
	p/m-Xylene	179601-23-1	5	ug/l	-	-	-
	o-Xylene	95-47-6	5	ug/l	-	-	-
	Xylenes, Total	1330-20-7		ug/l	-	-	-
	cis-1,2-Dichloroethene	156-59-2	5	ug/l	-	-	-
	1,2-Dichloroethene, Total	540-59-0		ug/l	-	-	-
	Dibromomethane	74-95-3	5	ug/l	-	-	-
	1,2,3-Trichloropropane	96-18-4	0.04	ug/l	-	-	-
	Acrylonitrile	107-13-1	5	ug/l	-	-	-
	Styrene	100-42-5	5	ug/l	-	-	-
	Dichlorodifluoromethane	75-71-8	5	ug/l	-	-	-
	Acetone	67-64-1	50	ug/l	-	-	-
	Carbon disulfide	75-15-0	60	ug/l	-	-	-
	2-Butanone	78-93-3	50	ug/l	-	-	-
	Vinyl acetate	108-05-4		ug/l	-	-	-
	4-Methyl-2-pentanone	108-10-1		ug/l	-	-	-
	2-Hexanone	591-78-6	50	ug/l	-	-	-

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508-898-9220 (Fax) 508-898-9193 800-624-9220 -
www.alphalab.com

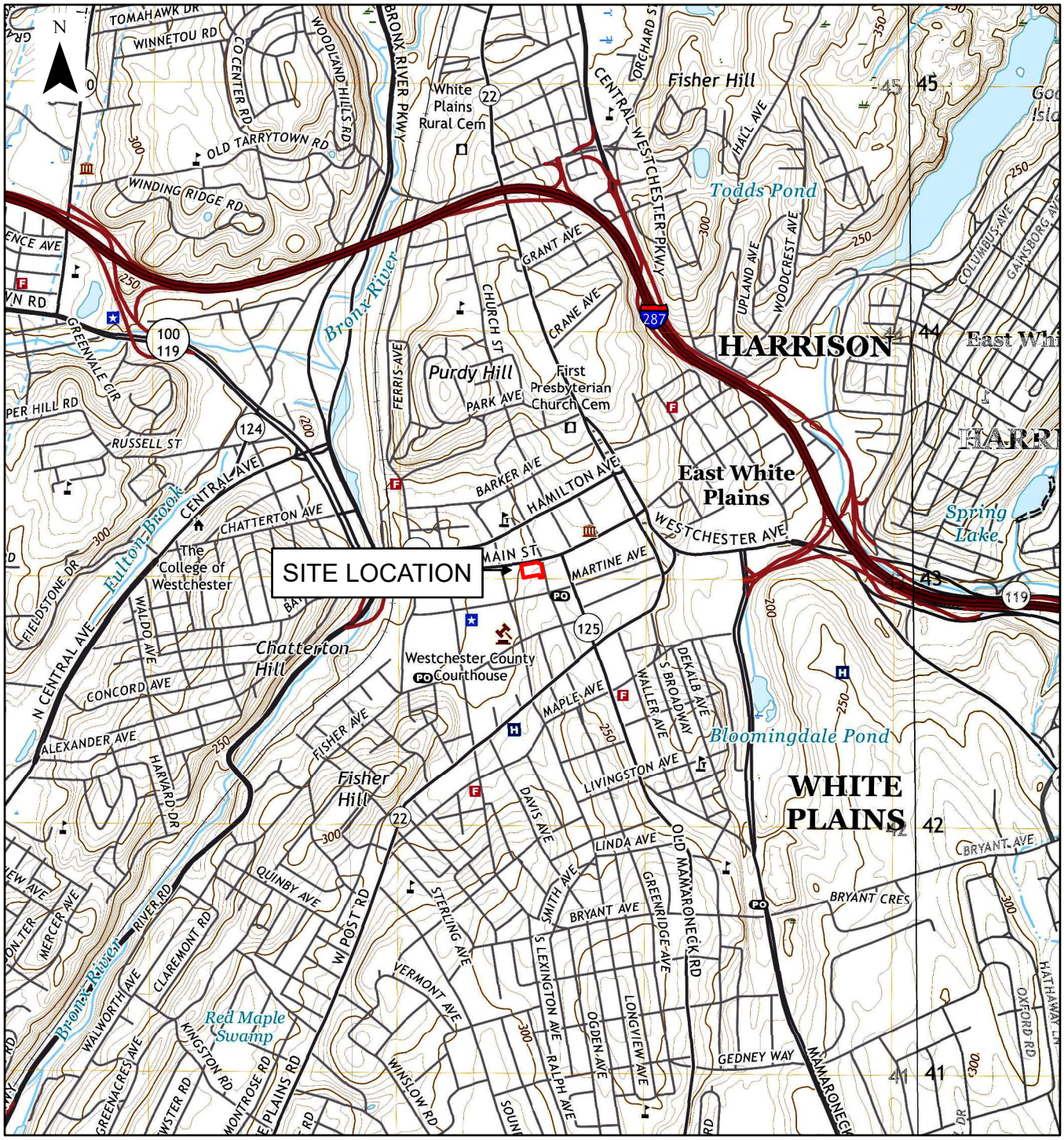
Table 3.3 Summary of Groundwater Sample Results
180 Main Street Oil Storage Site,
White Plains, New York

LOCATION					**GW-23**		
SAMPLING DATE					**7/19/2023**		
LAB SAMPLE ID					**L2341423-06 R1**		
SAMPLE TYPE					**WATER**		
SAMPLE DEPTH (ft.)							
		CasNum	**NY-AWQS**	**Units**	**Results**	**Qual**	
	Bromochloromethane	74-97-5	5	ug/l	-	-	-
	2,2-Dichloropropane	594-20-7	5	ug/l	-	-	-
	1,2-Dibromoethane	106-93-4	0.0006	ug/l	-	-	-
	1,3-Dichloropropane	142-28-9	5	ug/l	-	-	-
	1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	-	-	-
	Bromobenzene	108-86-1	5	ug/l	-	-	-
	n-Butylbenzene	104-51-8	5	ug/l	-	-	-
	sec-Butylbenzene	135-98-8	5	ug/l	-	-	-
	tert-Butylbenzene	98-06-6	5	ug/l	-	-	-
	o-Chlorotoluene	95-49-8	5	ug/l	-	-	-
	p-Chlorotoluene	106-43-4	5	ug/l	-	-	-
	1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	-	-	-
	Hexachlorobutadiene	87-68-3	0.5	ug/l	-	-	-
	Isopropylbenzene	98-82-8	5	ug/l	-	-	-
	p-Isopropyltoluene	99-87-6	5	ug/l	-	-	-
	Naphthalene	91-20-3	10	ug/l	-	-	-
	n-Propylbenzene	103-65-1	5	ug/l	-	-	-
	1,2,3-Trichlorobenzene	87-61-6	5	ug/l	-	-	-
	1,2,4-Trichlorobenzene	120-82-1	5	ug/l	-	-	-
	1,3,5-Trimethylbenzene	108-67-8	5	ug/l	-	-	-
	1,2,4-Trimethylbenzene	95-63-6	5	ug/l	-	-	-
	1,4-Dioxane	123-91-1	0.35	ug/l	-	-	-
	p-Diethylbenzene	105-05-5		ug/l	-	-	-
	p-Ethyltoluene	622-96-8		ug/l	-	-	-
	1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	-	-	-
	Ethyl ether	60-29-7		ug/l	-	-	-
	trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.

Figures



REFERENCE:

UNITED STATES GEOLOGICAL SURVEY (USGS)
WHITE PLAINS, NY USGS QUADRANGLE - 2019

LEGEND:

SUBJECT PROPERTY

SCALE: 1" = 2,000'

0 1,000 2,000 4,000 FEET

180 MAIN STREET
WHITE PLAINS, WESTCHESTER COUNTY, NY

SITE LOCATION MAP

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FIG-1.1	
DRAWN BY:	KBV
CHECKED BY:	CM
SCALE:	AS NOTED
DATE:	6/6/2024
JOB NO:	12859

Y:\GIS\Project_Numbers\12859\APRX_PROJECT\APRX_Phase1_Prj_No.aprx, 6/6/2024 2:02 PM, Kim Vanderklein, LAYOUT: FIG-1.1

Sample ID:	SB-101 (4.5-5)
Date Sampled:	4/7/2025
4,4'-DDD	0.00802
Mercury, Total	0.217
Sample ID:	**SB-101 (9.5-10)**
Date Sampled:	**4/9/2025**
4,4'-DDT	0.00693
Benzo(b)fluoranthene	1

Sample ID:	SB-102 (4.5-5)
Date Sampled:	4/7/2025
Lead, Total	102
Mercury, Total	0.185

Sample ID:	SB-48P (3.5-4)	
Date Sampled:	6/9/2023	
4,4'-DDD	0.00483	P
Benzo(a)anthracene	1	
Benzo(a)pyrene	1.1	
Benzo(b)fluoranthene	1.1	
Chrysene	1	
Indeno(1,2,3-cd)pyrene	0.52	
Copper, Total	90.7	
Lead, Total	317	
Mercury, Total	0.408	
Zinc, Total	567	
Acetone	0.053	

Sample ID:	SB-1A (0.5-1)
Date Sampled:	3/23/2023
Lead, Total	167

Sample ID:	SB-104 (1-1.5)
Date Sampled:	4/8/2025
Lead, Total	63.7
Mercury, Total	0.248

Sample ID:	SB-112 (4.5-5)	
Date Sampled:	4/9/2025	
4,4'-DDE	0.00496	IP
4,4'-DDD	0.0187	
Aroclor 1254	0.124	
PCBs, Total	0.219	J
Benzo(a)anthracene	23	
Benzo(a)pyrene	19	
Benzo(b)fluoranthene	22	
Benzo(k)fluoranthene	8.4	
Chrysene	19	
Dibenzo(a,h)anthracene	2.7	
Indeno(1,2,3-cd)pyrene	11	
Lead, Total	82.2	
Zinc, Total	115	

Sample ID:	SB-32 (1.5-2)
Date Sampled:	2/6/2024
Benzo(a)anthracene	6.7
Benzo(a)pyrene	6.3
Benzo(b)fluoranthene	13
Benzo(k)fluoranthene	2.2
Chrysene	5.8
Dibenzo(a,h)anthracene	1
Indeno(1,2,3-cd)pyrene	3.9
Sample ID:	**SB-32 (7-7.5)**
Date Sampled:	**2/6/2024**
cis-Chlordane	0.15
Benzo(a)anthracene	20
Benzo(a)pyrene	18
Benzo(b)fluoranthene	22
Benzo(k)fluoranthene	3
Chrysene	19
Dibenzo(a,h)anthracene	1.5
Indeno(1,2,3-cd)pyrene	6.3

Sample ID:	SB-113 (4.5-5)
Date Sampled:	4/9/2025
4,4'-DDT	0.0049
Lead, Total	94.7
Sample ID:	**SB-113 (9.5-10)**
Date Sampled:	**4/9/2025**
4,4'-DDE	0.0911
4,4'-DDD	0.133
4,4'-DDT	0.0498
PCBs, Total	0.107 J
Benzo(a)anthracene	31
Benzo(a)pyrene	28
Benzo(b)fluoranthene	35
Benzo(k)fluoranthene	11
Chrysene	27
Dibenzo(a,h)anthracene	4
Indeno(1,2,3-cd)pyrene	14

Sample ID:	SB31 (2-2.5)	
Date Sampled:	1/25/2023	
4,4'-DDT	0.00355	P
Sample ID:	**SB31 (13-13.5)**	
Date Sampled:	**1/25/2023**	
4,4'-DDT	0.00503	

Sample ID:	SB-12(15-15.5)
Date Sampled:	12/8/2022
4,4'-DDT	0.0037 B

Sample ID:	SB30(1-1.5)
Date Sampled:	12/19/2022
4,4'-DDT	0.0076 B
Sample ID:	**SB30(4-4.5)**
Date Sampled:	**12/19/2022**
4,4'-DDT	0.0048 B

Sample ID:	SB-25 (1-1.5)
Date Sampled:	2/6/2024
Benzo(a)anthracene	3.3
Benzo(a)pyrene	3.4
Benzo(b)fluoranthene	4
Benzo(k)fluoranthene	1.4
Chrysene	3.3
Dibenzo(a,h)anthracene	0.57
Indeno(1,2,3-cd)pyrene	2.1

Sample ID:	SB-1(3-3.5)
Date Sampled:	12/7/2022
4,4'-DDT	0.0041 B

Sample ID:	SB14(1.5-2)
Date Sampled:	12/19/2022
4,4'-DDT	0.0056 B
Sample ID:	**SB14(4.5-5)**
Date Sampled:	**12/19/2022**
4,4'-DDT	0.0043 B

Sample ID:	SB-2(3.5-4)
Date Sampled:	12/7/2022
4,4'-DDT	0.0033 B

Sample ID:	SB21(2-2.5)
Date Sampled:	12/19/2022
4,4'-DDT	0.0052 B

Sample ID:	SB15(3.5-4)
Date Sampled:	12/19/2022
4,4'-DDT	0.0069 B
Benzo(a)anthracene	1.01
Chrysene	1.01
Indeno(1,2,3-cd)pyrene	0.699
Sample ID:	**SB15(6-6.5)**
Date Sampled:	**12/19/2022**
4,4'-DDT	0.0046 B

Sample ID:	SB-4A (6-6.5)
Date Sampled:	3/23/2023
Nickel, Total	33.9

Sample ID:	SB-103 (1.5-2)
Date Sampled:	4/7/2025
Lead, Total	87.5
Mercury, Total	0.203
Zinc, Total	115

Sample ID:	SB-5A (4.5-5)
Date Sampled:	3/23/2023
Dieldrin	0.0242
4,4'-DDD	0.00581
Copper, Total	72.7
Lead, Total	333
Mercury, Total	0.404
Zinc, Total	372
Sample ID:	**SB-5A (7-7.5)**
Date Sampled:	**3/23/2023**
4,4'-DDE	0.00514 J

Sample ID:	SB-106 (0.5-1)
Date Sampled:	4/7/2025
Mercury, Total	0.478

Sample ID:	SB-105 (1-1.5)
Date Sampled:	4/7/2025
Benzo(a)pyrene	1.1
Benzo(b)fluoranthene	1.2
Indeno(1,2,3-cd)pyrene	0.58

Sample ID:	SB-6A (5-5.5)
Date Sampled:	3/23/2023
Acetone	0.054

Sample ID:	SB-38A (1-1.5)
Date Sampled:	3/30/2023
4,4'-DDD	0.00574

Sample ID:	SB-13(4-4.5')
Date Sampled:	12/9/2022
4,4'-DDD	0.104
4,4'-DDE	0.11
4,4'-DDT	0.046 B
Lead	191
Zinc	190
Mercury	0.3
Benzo(a)anthracene	6.78
Benzo(a)pyrene	7.03
Benzo(b)fluoranthene	7.16
Benzo(k)fluoranthene	2.3
Chrysene	5.95
Dibenzo(a,h)anthracene	0.976
Indeno(1,2,3-cd)pyrene	4.17
Sample ID:	**SB-13(2.5-3')**
Date Sampled:	**12/9/2022**
4,4'-DDT	0.0118 B

Sample ID:	SB24 (5.5-6)
Date Sampled:	12/20/2022
Mercury	0.18

Sample ID:	SB-11(5-5.5')
Date Sampled:	12/9/2022
4,4'-DDD	0.013
4,4'-DDE	0.0052
4,4'-DDT	0.0069 B

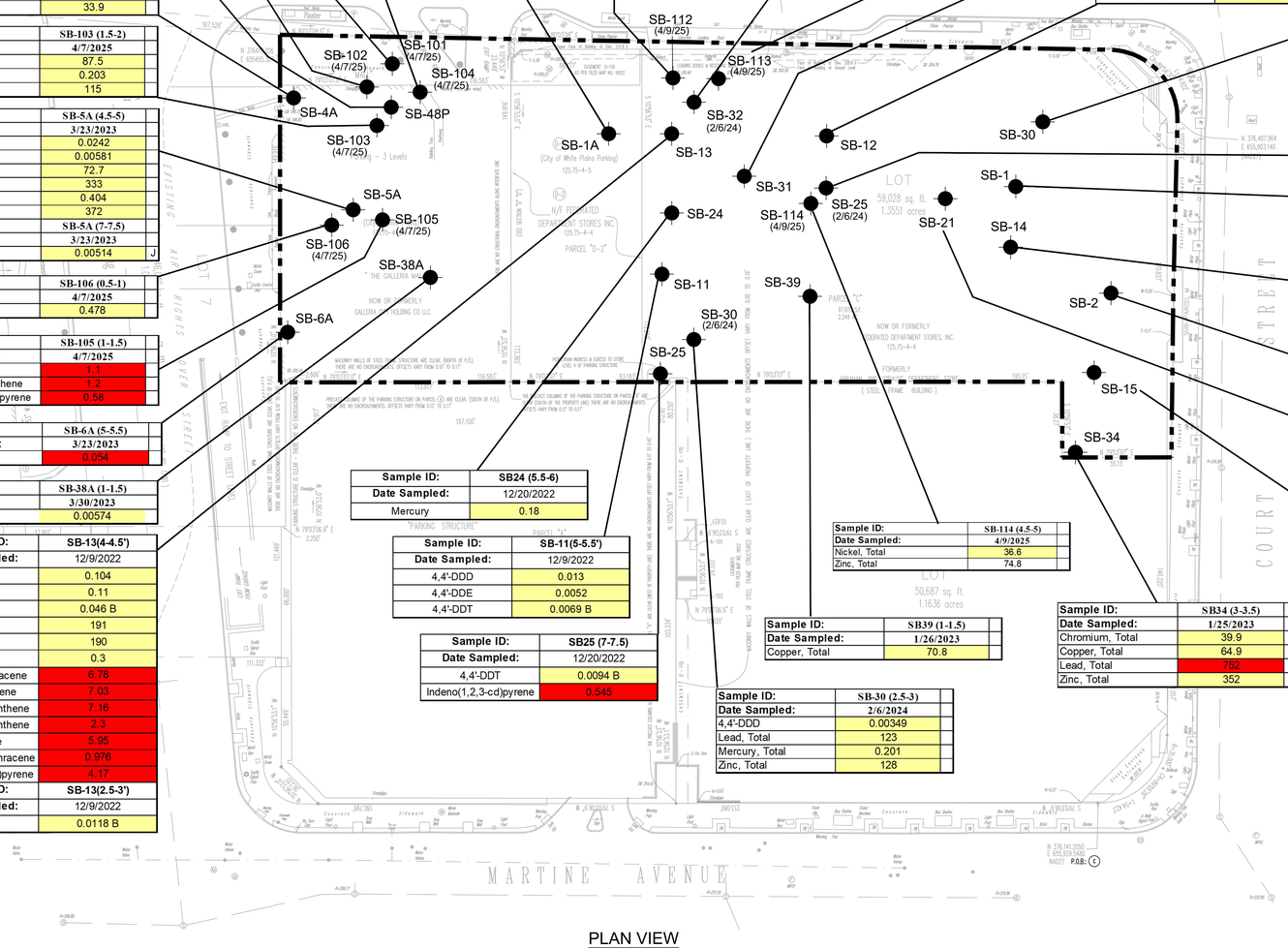
Sample ID:	SB25 (7-7.5)
Date Sampled:	12/20/2022
4,4'-DDT	0.0094 B
Indeno(1,2,3-cd)pyrene	0.545

Sample ID:	SB-114 (4.5-5)
Date Sampled:	4/9/2025
Nickel, Total	36.6
Zinc, Total	74.8

Sample ID:	SB39 (1-1.5)
Date Sampled:	1/26/2023
Copper, Total	70.8

Sample ID:	SB34 (3-3.5)
Date Sampled:	1/25/2023
Chromium, Total	39.9
Copper, Total	64.9
Lead, Total	752
Zinc, Total	352

Sample ID:	SB-30 (2.5-3)
Date Sampled:	2/6/2024
4,4'-DDD	0.00349
Lead, Total	123
Mercury, Total	0.201
Zinc, Total	128



PLAN VIEW

Scale: 1"= 30'

0 15 30 60 90 120

Compound	Unit	PGWSCOs	RRSCOs	USCOs
Organochlorine Pesticides by GC				
Dieldrin	mg/kg	0.1	0.2	0.005
4,4'-DDE	mg/kg	17	8.9	0.0033
4,4'-DDD	mg/kg	14	13	0.0033
4,4'-DDT	mg/kg	136	7.9	0.0033
cis-Chlordane	mg/kg	2.9	4.2	0.094
Polychlorinated Biphenyls by GC				
PCBs, Total	mg/kg	3.2	1	0.1
Semivolatile Organics by GC/MS				
Benzo(a)anthracene	mg/kg	1	1	1
Benzo(a)pyrene	mg/kg	22	1	1
Benzo(b)fluoranthene	mg/kg	1.7	1	1
Benzo(k)fluoranthene	mg/kg	1.7	3.9	0.8
Chrysene	mg/kg	1	3.9	1
Dibenzo(a,h)anthracene	mg/kg	1000	0.33	0.33
Indeno(1,2,3-cd)pyrene	mg/kg	8.2	0.5	0.5
Total Metals				
Chromium, Total	mg/kg		180	30
Copper, Total	mg/kg	1720	270	50
Lead, Total	mg/kg	450	400	63
Mercury, Total	mg/kg	0.73	0.81	0.18
Nickel, Total	mg/kg	130	310	30
Zinc, Total	mg/kg	2480	10000	109
Volatile Organics by EPA 5035				
Acetone	mg/kg	0.05	100	0.05

Notes:

Concentration Exceeds the USCO

Concentration Exceeds the PGWSCO or RRSCO

mg/kg Milligrams per Kilogram

U = Compound Not Detected

J = Estimated Concentration

B = Compound Detected in Lab Blank

NOTE:
THIS PLAN IS FOR LOCATING SOIL SAMPLES ONLY.
OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

REFERENCE
1. BASE MAP IS TAKEN FROM "SHEET 2 OF 2 CONDOMINIUM MAP" PREPARED BY LINE & GRADE SURVEYORS, D.P.C., DATED OCT. 6, 2023, REV. JAN. 10, 2024.

LEGEND:
SB-1 - SOIL BORING NUMBER AND APPROX. LOCATION
(2/6/24) - SOIL BORING DATE

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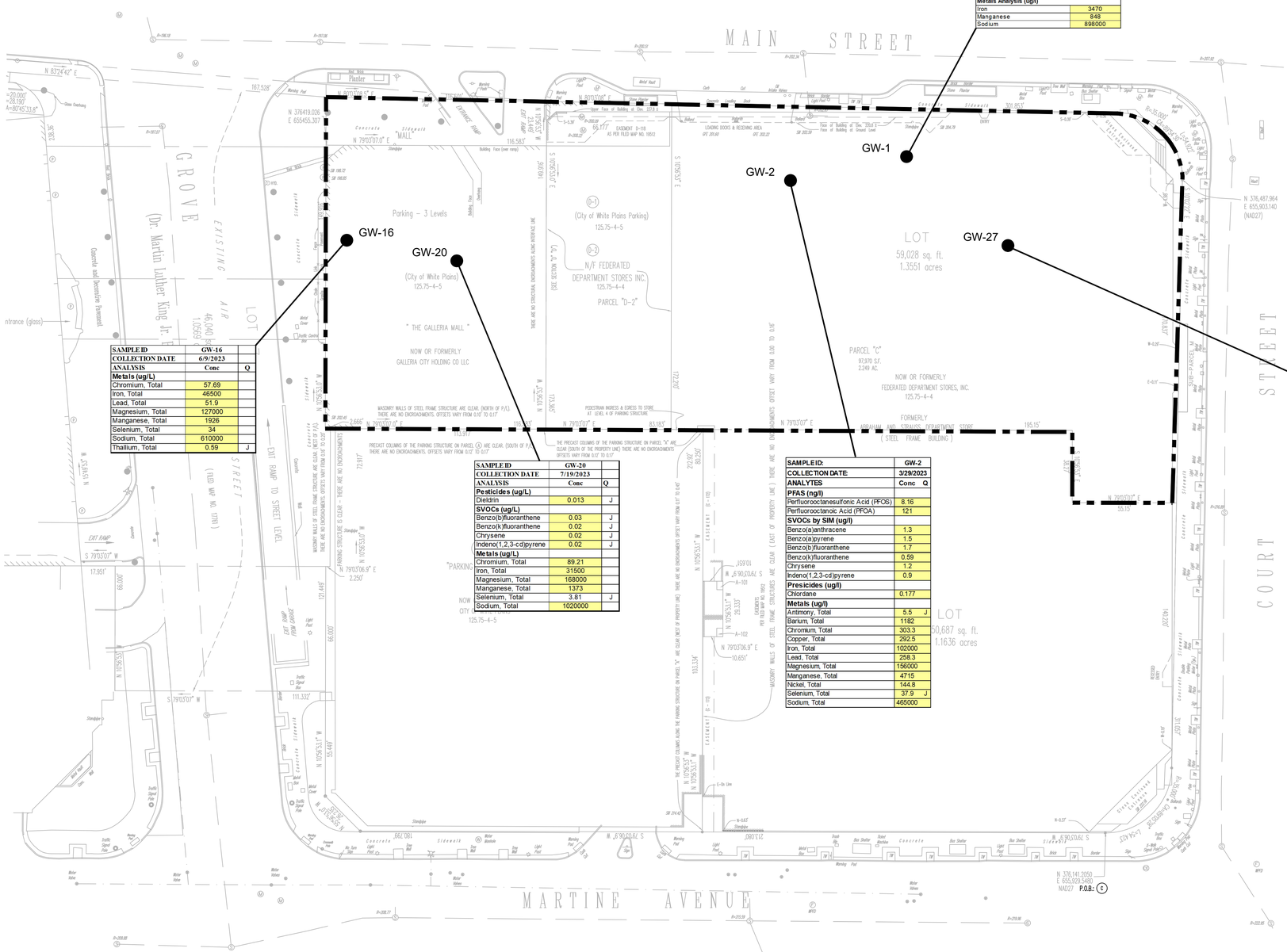
drawn by: AW
checked by: SG
scale: AS NOTED
date: 09/30/2025

100 MAIN STREET
WHITE PLAINS
WESTCHESTER COUNTY, NEW YORK

SOIL SAMPLE LOCATION PLAN (GALLERIA EAST)

job no. 12859
drawing no. FIG 3.1

N:\CAD\12859\CAD\ENVIRONMENTAL\PHASE II\12859-ENV_SOIL SAMP. PLAN (GALLERIA EAST)DWG 10/03/25 09:30:55AM jmcosta LAYOUT(DATA PLAN)



Sample ID:	GW-1
Lab Sample ID:	JD56962-4
Date Sampled:	12/9/2022
Matrix:	Ground Water
PFAS (ng/l)	
Perfluorooctanesulfonic acid	6.1
Perfluorooctanoic acid	40.3
Metals Analysis (ug/l)	
Iron	3470
Manganese	848
Sodium	898000

SAMPLE ID	GW-16	
COLLECTION DATE	6/9/2023	
ANALYSIS	Conc	Q
Metals (ug/L)		
Chromium, Total	57.69	
Iron, Total	46500	
Lead, Total	51.9	
Magnesium, Total	127000	
Manganese, Total	1926	
Selenium, Total	34	
Sodium, Total	610000	
Thallium, Total	0.59	J

SAMPLE ID	GW-20	
COLLECTION DATE	7/19/2023	
ANALYSIS	Conc	Q
Pesticides (ug/L)		
Dieldrin	0.013	J
SVOCs (ug/L)		
Benzo(b)fluoranthene	0.03	J
Benzo(k)fluoranthene	0.02	J
Chrysene	0.02	J
Indeno(1,2,3-cd)pyrene	0.02	J
Metals (ug/L)		
Chromium, Total	89.21	
Iron, Total	31500	
Magnesium, Total	168000	
Manganese, Total	1373	
Selenium, Total	3.81	J
Sodium, Total	1020000	

SAMPLE ID:	GW-2
COLLECTION DATE:	3/29/2023
ANALYTES	Conc Q
PFAS (ng/l)	
Perfluorooctanesulfonic Acid (PFOS)	8.16
Perfluorooctanoic Acid (PFOA)	121
SVOCs by SIM (ug/l)	
Benzo(a)anthracene	1.3
Benzo(a)pyrene	1.5
Benzo(b)fluoranthene	1.7
Benzo(k)fluoranthene	0.59
Chrysene	1.2
Indeno(1,2,3-cd)pyrene	0.9
Presicides (ug/l)	
Chlordane	0.177
Metals (ug/l)	
Antimony, Total	5.5 J
Barium, Total	1182
Chromium, Total	303.3
Copper, Total	292.5
Iron, Total	102000
Lead, Total	258.3
Magnesium, Total	156000
Manganese, Total	4715
Nickel, Total	144.8
Selenium, Total	37.9 J
Sodium, Total	465000

SAMPLE ID:	GW-27	
COLLECTION DATE:	7/20/2023	
ANALYTES	Conc	Q
VOCs (ug/l)		
Chloroform	12	
SVOCs by SIM (ug/l)		
Benzo(a)anthracene	0.04	J
Benzo(a)pyrene	0.04	J
Benzo(b)fluoranthene	0.04	J
Benzo(k)fluoranthene	0.04	J
Chrysene	0.03	J
Hexachlorobenzene	0.04	J
Indeno(1,2,3-cd)pyrene	0.03	J
Metals (ug/l)		
Barium, Total	1833	
Beryllium, Total	3.46	
Chromium, Total	225	
Copper, Total	579.8	
Iron, Total	154000	
Lead, Total	95.06	
Magnesium, Total	201000	
Manganese, Total	3440	
Nickel, Total	246.9	
Selenium, Total	20.1	
Sodium, Total	206000	
Thallium, Total	1.52	

ANALYTES	NY-AWQS
VOCs (ug/l)	
Acetone	50
Chloroform	7
Styrene	5
PFAS (ng/l)	
Perfluorooctanesulfonic Acid (PFOS)	2.7
Perfluorooctanoic Acid (PFOA)	6.7
SVOCs (ug/l)	
Phenol	1
SVOCs by SIM (ug/l)	
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Hexachlorobenzene	0.04
Indeno(1,2,3-cd)pyrene	0.002
Presicides (ug/l)	
Dieldrin	0.004
Chlordane	0.05
Metals (ug/l)	
Antimony, Total	3
Arsenic, Total	25
Barium, Total	1000
Beryllium, Total	3
Cadmium, Total	5
Chromium, Total	50
Copper, Total	200
Iron, Total	300
Lead, Total	25
Magnesium, Total	35000
Manganese, Total	300
Mercury, Total	0.7
Nickel, Total	100
Selenium, Total	10
Sodium, Total	20000
Thallium, Total	0.5

Notes
NYSDEC AWQS - New York State Department of Environmental Conservation Ambient Water Quality Standard
Exceedance of the NYSDEC AWQS
J = Estimated
ND = Not Detected

PLAN VIEW

Scale: 1"= 30'

0 15 30 60 90 120

NOTE:
THIS PLAN IS FOR LOCATING GROUNDWATER SAMPLES ONLY.
OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

REFERENCE
1. BASE MAP IS TAKEN FROM "SURVEY OF PROPERTY GALLERIA EAST CONDOMINIUM - UNIT 1" PREPARED BY LINE & GRADE SURVEYORS, D.P.C., SEPTEMBER 24, 2024.

LEGEND:

GW-27 ● - GROUNDWATER BORING NUMBER AND APPROX. LOCATION

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rev	date	description	by

dwg by: AW
chk by: SG
scale: AS NOTED
date: 09/18/2024

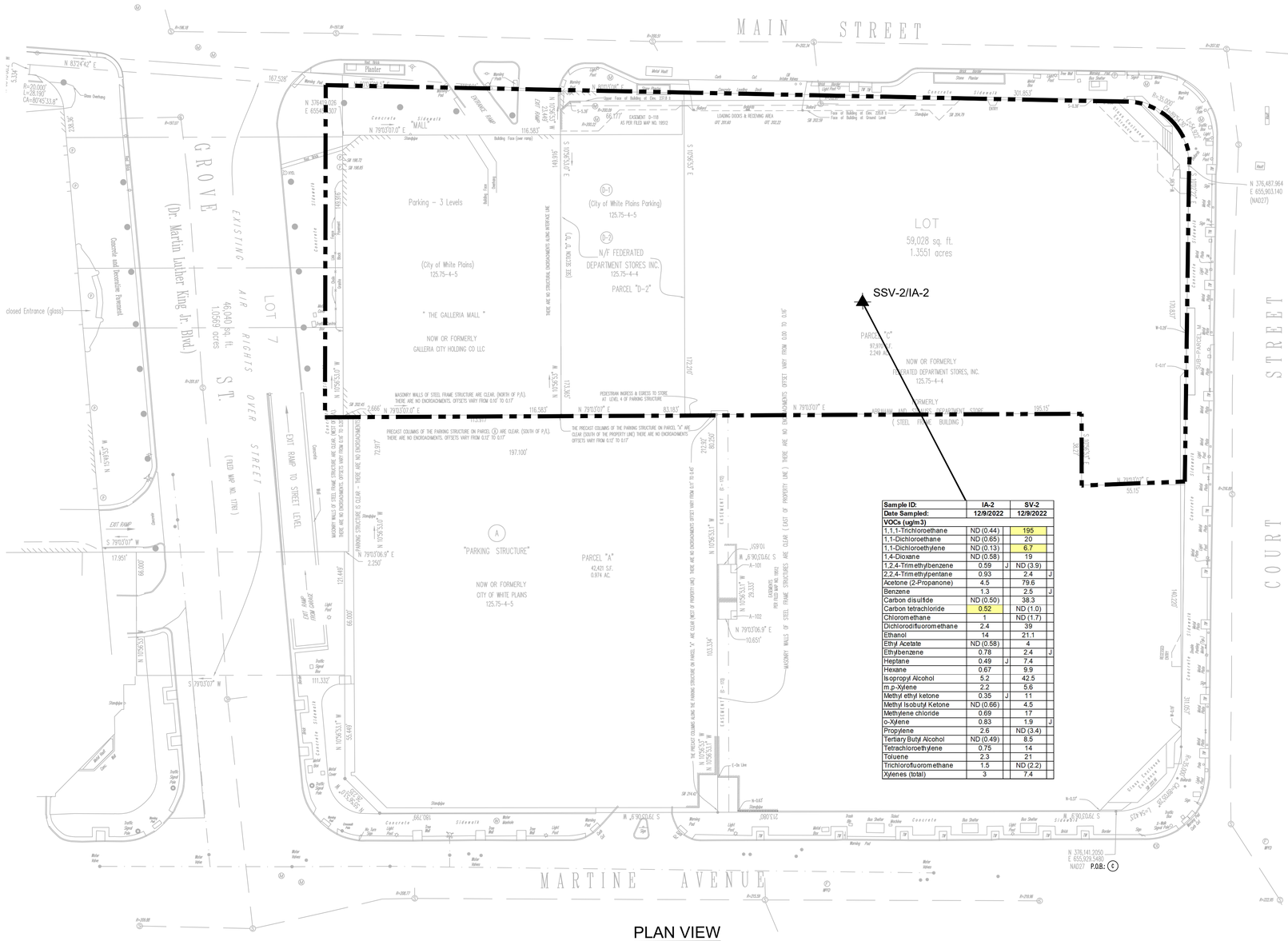
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180 MAIN STREET
WHITE PLAINS, NY
WESTCHESTER COUNTY, NEW YORK

title: GROUNDWATER LOCATION PLAN (UNIT 1)

job no. 12859
drawing no. FIG-3.2

N:\CAD\12859\CAD\GEOTECH\LOCATION PLANS\UNIT BREAK AWAY\UNIT 1\PHASE 2\12859WQ.SSL - GW_DATA (UNIT 1).DWG 09/19/25 08:12:58AM dan.ward, LAYOUT: GW DATA


MAIN STREET
MARTINE AVENUE
GROVE STREET
EXISTING AIR RIGHTS OVER LOT 7
46,040 Sq. ft.
1.0569 acres
(Dr. Martin Luther King Jr. Blvd.)
ST.
(FED MAP NO. 11116)
EXIT RAMP TO STREET LEVEL
EXIT RAMP
EXIT RAMP FROM GARAGE
LOT
59,028 sq. ft.
1.3551 acres
Parking – 3 Levels
(City of White Plains)
125.75-4-5
" THE GALLERIA MALL "
NOW OR FORMERLY
GALLERIA CITY HOLDING CO LLC
(City of White Plains Parking)
125.75-4-5
N/F FEDERATED DEPARTMENT STORES INC.
125.75-4-4
PARCEL "D-2"
"PARKING STRUCTURE"
NOW OR FORMERLY
CITY OF WHITE PLAINS
125.75-4-5
PARCEL "A"
42,421 S.F.
0.974 AC.
PARCEL "C"
97,970 S.F.
2.249 AC.
NOW OR FORMERLY
FEDERATED DEPARTMENT STORES, INC.
125.75-4-4
FORMERLY
(STEEL FRAME BUILDING)
SSV-2/IA-2
N 376,487.964
E 655,903.140
(NAD27)
N 376,141.2050
E 655,929.0480
NAD27 P.O.B: C
closed Entrance (glass)
Concrete and Bituminous Pavement
Concrete Sidewalk
Steps
Handicap
Ramp
Curb Cut
Stairs
Planter
Bollard
Light Pole
Traffic Signal Pole
Traffic Signal Box
Water Valve
Water Manhole
Sign
Fire Hydrant
Box Shelter
Bus Shelter
Brick Border
Metal Rail
Metal Fence
Retaining Wall
Building Face (over ramp)
Overhang
Drain
Utility Pole
Guide Rail
Curb
Cut
Edge of Water
Top of Bank
Bottom of Bank
Wetland Flag
Wetland Line
Wetland Buffer
Wetland Setback
Wetland Edge

Appendix A:

Boring Logs

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main St.	GEOPROBE NO.	**SB-1**
LOCATION:	White Plains NY	JOB NO.	12461
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY: ARCO	DATE STARTED:	12/7/2022	GROUNDWATER TABLE DEPTH:
INSPECTOR: CC	DATE COMPLETED:	12/7/2022	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0	1		Concrete	0
			1				0
				3		Brown fine SAND, trace Silt	0
	42	1	3	4	SB-1 (3-3.5)	Brown/tan fine SAND, little fine to coarse Gravel with fragments of brick	0
5			4				0
							0
							0
	48	2					0
				9.5		Brown/tan fine SAND, trace Silt	0
10			9.5				0
				10.5		Brown/orange fine SAND	0
	48	3	10.5	12		Brown/orange fine SAND, trace Silt	0
			12				0
							0
15							0
	48	4					0
				17	SB-1 (16.5-17)	Brown fine SAND, trace Silt	0
							0
							0
20	48	5		20		Brown/tan fine SAND, trace Silt	0
						Boring Complete at 20 Feet BGS	0
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main St.	GEOPROBE NO.	**SB-2**
LOCATION:	White Plains NY	JOB NO.	12461
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY: ARCO	DATE STARTED: 12/7/2022	GROUNDWATER TABLE DEPTH:	
INSPECTOR: CC	DATE COMPLETED: 12/7/2022	0 Hr. / 24 Hr. / Date	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0	1		Concrete	0
			1				0
							0
	42	1		4.5	SB-2 (3.5-4)	Brown fine SAND, little fine to coarse Gravel, trace Silt	0
5			4.5				0
				6.5		Brown/orange fine SAND	0
			6.5				0
	42	2		8		Brown/orange fine SAND, trace fine to coarse Gravel	0
			8				0
10				10		Brown/tan fine Sand, little Silt	0
			10	11		10-10.5': Large Stone; 10.5-11': Brown fine Sand, some fine to coarse Gravel	0
	48	3	11	12		Brown fine SAND, little fine to coarse Gravel, trace Silt	0
			12				0
					SB-2 (13.5-14)		0
15							0
	48	4		16		Tan fine SAND, Little Silt with orange spotting	0
			16				0
							0
							0
20	48	5		20		Brown/tan fine Silty SAND	0
						Boring Complete at 20 Feet BGS	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main St.	GEOPROBE NO.	**SB-4**
LOCATION:	White Plains NY	JOB NO.	12461
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY: ARCO	DATE STARTED: 12/7/2022	GROUNDWATER TABLE DEPTH:	
INSPECTOR: CC	DATE COMPLETED: 12/7/2022	0 Hr.	24 Hr. Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0				0
				2	SB-4 (1.5-2)	Brown fine SAND	0
			2				0
	42	1		4		FILL: Brown fine SAND, some Silt	0
5			4				0
							0
				7		Brown fine SAND, trace Silt	0
	42	2	7		SB-4 (7-7.5)		0
							0
10							0
							0
	48	3					0
				13		Brown fine SAND	0
			13	13.5		Grey fine SAND, some Silt, little fine Gravel with fragments of wood debris	0
15			13.5				0
	48	4		16		Brown fine SAND, some fine to coarse Gravel	0
						Boring Complete at 16 Feet BGS	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-11

PROJECT NAME Galleria
PROJECT NO. 12859
DATE STARTED 12-08-2022 **COMPLETED** 12-08-2022
DRILLING CONTRACTOR AARCO
SAMPLER Direct Push
EQUIPMENT 6610DT
DRILLING FOREMAN Julio **HELPER**
LOGGED BY S. Grogan **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION White Plains, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER
CASING DIAMETER 2.00 in
CASING DEPTH 9.0 ft
FINAL DEPTH 9.0± ft

GROUNDWATER LEVELS:
AT TIME OF DRILLING
AT END OF DRILLING
AFTER DRILLING

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Fill: Light brown coarse to fine SAND, little Silt		S-1					0.0	
									0.0	
									0.0	
									0.0	
		Fill: Brown coarse to fine SAND, little Silt, trace medium to fine Gravel, trace Brick and Millings							0.0	
	-5		5				SB-11 (5-5.5)		0.0	
		Light brown coarse to fine SAND, some Silt		S-2					0.0	
									0.0	
									0.0	
		Weathered Gneiss black							0.0	
		BOREHOLE COMPLETED AT 9± FEET								
	-10		10							
	-15		15							
	-20		20							
	-25		25							
	-30		30							

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main St.	GEOPROBE NO.	**SB-12**
LOCATION:	White Plains NY	JOB NO.	12461
METHOD:	Directpush	GROUND ELEVATION:	
GEOPROBE BY: ARCO	DATE STARTED:	12/8/2022	GROUNDWATER TABLE DEPTH:
INSPECTOR: CC	DATE COMPLETED:	12/8/2022	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0			0	1		Concrete	0
			1				0
							0
	30	1		4.5		Brown fine SAND	0
5			4.5				0
				6.5		Brown fine SAND, little Gravel, trace Silt	0
			6.5		SB-12 (7-7.5)		0
	36	2		8.5		Brown fine SAND, crushed bedrock/mica, trace Silt	0
			8.5				0
10							0
							0
	42	3		12		Brown fine SAND, little Gravel, trace Silt with orange spotting	0
			12				0
							0
15					SB-12 (15-15.5)		0
	48	4		16		Brown SAND, litte Silt, trace Gravel	0
			16				0
							0
	48	5		19		Tan/grey fine SAND, trace orange spotting	0
20						Boring hit refusal at 19 Feet BGS; Boring complete	
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-13

PROJECT NAME Galleria
PROJECT NO. 12859
DATE STARTED 12-08-2022 **COMPLETED** 12-08-2022
DRILLING CONTRACTOR AARCO
SAMPLER Direct Push
EQUIPMENT 6610DT
DRILLING FOREMAN Julio **HELPER**
LOGGED BY S. Grogan **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION White Plains, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **GROUNDWATER LEVELS:**
CASING DIAMETER 2.00 in ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 12.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Fill: Light brown coarse to fine SAND, little Silt, trace medium to fine Gravel		S-1			SB-13 (2.5-3)		0.0 0.0 0.0	
		Fill: Brown coarse to fine SAND, little medium to fine Gravel, trace Silt, Brick, Wood, 3/8" Stone					SB-13 (4-4.5)		0.0 0.0	
	-5		5						0.0	
		Light brown/gray coarse to fine SAND, little fractured Gneiss, trace Silt		2					0.0 0.0 0.0 0.0	
	-10		10							
		BOREHOLE COMPLETED AT 12± FEET								
	-15		15							
	-20		20							
	-25		25							
	-30		30							

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main Street	GEOPROBE NO.	**SB-14**
LOCATION:	White Plains, NY	JOB NO.	12461
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco Drilling	DATE STARTED:	12/19/22	GROUNDWATER TABLE DEPTH: N/E
INSPECTOR: Tracey Jodexnis	DATE COMPLETED:	12/19/22	0 Hr. | 24 Hr. | Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	48	1	0	0.5		6" Concrete Slab	NO PID
			0.5		SB-14(1.5-2)		
				3		Fill: Brown SILT, trace Gravel, trace Sand	
			3	4		Fill: Brick, trace Sand	
5	48	2	4	5	SB-14(4.5-5)	Fill: Brown SILT, some coarse to fine Gravel, trace Brick, trace Sand	
			5	6		Gray coarse to fine Gravel, trace Sand	
			6				
	48	3					
10							
				11		Tan medium to fine SAND, trace Gravel, trace Silt	
			11	12		Brown SILT, trace Sand	
						End Boring at 12 Feet BGS	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main Street	GEOPROBE NO.	**SB-15**
LOCATION:	White Plains, NY	JOB NO.	12461
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY: Aarco Drilling	DATE STARTED:	12/19/22	GROUNDWATER TABLE DEPTH: N/E
INSPECTOR: Tracey Jodexnis	DATE COMPLETED:	12/19/22	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	48	1	0	0.5		6" Concrete Slab	NO PID
			0.5	1		Fill: Dark gray SILT, some coarse to fine Gravel, trace Sand	
			1				
				4	SB-15(3.5-4)	Fill: Brown SILT, some medium to fine Sand, trace Gravel, trace Brick	
5	48	2	4				
					SB-15(6-6.5)		
				8		Brown SILT, trace Sand, trace Mica	
	48	3	8	9		Brown SILT, trace Sand	
10			9				
				12		Tan medium to fine SAND, trace Silt	
						End Boring at 12 Feet BGS	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-21

PROJECT NAME Galleria
PROJECT NO. 12859
DATE STARTED 02-07-2024 **COMPLETED** 02-07-2024
DRILLING CONTRACTOR ADT/Cascade
SAMPLER
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY C. Barletta **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION White Plains, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **GROUNDWATER LEVELS:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 10.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Concrete							0.0	
		Light brown/yellow fill, coarse to fine SAND, some Gravel, little Silt, trace Clay		S-1		47	SB-21 (1-1.5)		0.0 0.0 0.0 0.0 0.0	
	-5	Concrete	5						0.0	
		Brown coarse to fine SAND and SILT, little Gravel, trace Clay		S-2		44			0.0 0.0	
		Brick							0.0	
		Brown coarse to fine SAND and SILT, little Gravel, trace Clay							0.0	
	-10	BOREHOLE COMPLETED AT 10± FEET	10							
	-15		15							
	-20		20							
	-25		25							
	-30		30							

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-22

PROJECT NAME Galleria
PROJECT NO. 12859
DATE STARTED 02-07-2024 **COMPLETED** 02-07-2024
DRILLING CONTRACTOR ADT/Cascade
SAMPLER
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY C. Barletta **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION White Plains, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **GROUNDWATER LEVELS:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 10.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Concrete							0.0	
		Light brown Brick fill, coarse to fine SAND, some Gravel, little Silt, trace Clay		S-1		45	SB-22 (2-2.5)		0.0 0.0 0.0 0.0 0.0	
	-5	Brick/Concrete	5						0.0	
		Light brown/yellow fill, coarse to fine SAND, and SILT, little Gravel, trace Clay		S-1		50			0.0 0.0 0.0 0.0	
	-10	BOREHOLE COMPLETED AT 10± FEET	10							
	-15		15							
	-20		20							
	-25		25							
	-30		30							

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-23

PROJECT NAME Galleria
PROJECT NO. 12859
DATE STARTED 02-07-2024 **COMPLETED** 02-07-2024
DRILLING CONTRACTOR ADT/Cascade
SAMPLER
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY C. Barletta **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION White Plains, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **GROUNDWATER LEVELS:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 10.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Concrete							0.0	
		Fill: Light brown/yellow coarse to fine SAND, some Gravel, little Silt, trace Clay		S-1		50	SB-23 (3-3.5)		0.0 0.0 0.0	
		Concrete							0.0	
	-5	Light brown coarse to fine SAND and SILT, little Gravel, trace Cla	5	S-2		60			0.0 0.0 0.0 0.0 0.0	
	-10	BOREHOLE COMPLETED AT 10± FEET	10							
	-15		15							
	-20		20							
	-25		25							
	-30		30							

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-24-2024

PROJECT NAME Galleria
PROJECT NO. 12859
DATE STARTED 02-07-2024 **COMPLETED** 02-07-2024
DRILLING CONTRACTOR ADT/Cascade
SAMPLER
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY C. Barletta **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION White Plains, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **GROUNDWATER LEVELS:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 5.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Concrete							0.0	
		Brown fill coarse to fine SAND, some Silt, Gravel, trace Clay		S-1		35	SB-24 (1.5-2)		0.0 0.0 0.0 0.0	
	-5	BOREHOLE COMPLETED AT 5± FEET	5							
	-10		10							
	-15		15							
	-20		20							
	-25		25							
	-30		30							

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-25

PROJECT NAME Galleria
PROJECT NO. 12859
DATE STARTED 02-07-2024 **COMPLETED** 02-07-2024
DRILLING CONTRACTOR ADT/Cascade
SAMPLER
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY C. Barletta **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION White Plains, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **GROUNDWATER LEVELS:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 5.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Concrete							0.0	
		Gray-brown coarse to fine SAND and Gravel, little Silt, trace Clay					SB-25 (1-1.5)		1.4	
				S-1		32			2.3	
									2.2	
									1.4	
	-5	BOREHOLE COMPLETED AT 5± FEET	5							
	-10		10							
	-15		15							
	-20		20							
	-25		25							
	-30		30							

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main Street	GEOPROBE NO.	**SB-30**
LOCATION:	White Plains, NY	JOB NO.	12461
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY:	Aarco Drilling	DATE STARTED:	12/19/22
INSPECTOR:	Tracey Jodexnis	DATE COMPLETED:	12/19/22

GROUNDWATER TABLE DEPTH: N/E — 0 Hr. | | 24 Hr. | Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	48"	1	0	0.5		6" Concrete Slab	NO PID
			0.5	1.5	SB-30(1-1.5)	Fill: Gray coarse to fine SAND, some Gravel, little Silt, trace Brick	
			1.5				
				4		Fill: Brown SILT, trace Glass, trace Sand	
5	48"	2	4		SB-30(4-4.5)		
				8.5		Tan medium to fine Sand, trace Silt, trace Gravel	
	48"	3	8.5	9		Gray SILT, some coarse to fine Gravel	
10			9				
				11		Tan medium to fine Sand, trace Silt	
			11	12		Tan medium to fine Sand, some medium to fine Gravel, trace Mica, trace Silt	
						End Boring at 12 Feet BGS	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main Street	GEOPROBE NO.	**SB-31**
LOCATION:	White Plains, NY	JOB NO.	12461
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY:	Aarco Drilling	DATE STARTED:	01/25/23
INSPECTOR:	Tracey Jodexnis	DATE COMPLETED:	01/25/23

GROUNDWATER TABLE DEPTH: N/E — 0 Hr. | 24 Hr. | Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	36	1	0	0.5		6" Concrete Slab	NO PID
			0.5				
					SB-31 (2-2.5)		
5							
	40	2					
10							
	57	3					
					SB-31 (13-13.5)		
15				15		Fill: Brown SILT, some coarse to fine Gravel, little Brick, trace Sand	
						End Boring at 15 Feet BGS	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main Street	GEOPROBE NO.	**SB-34**
LOCATION:	White Plains, NY	JOB NO.	12461
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY:	Aarco Drilling	DATE STARTED:	01/25/23
INSPECTOR:	Tracey Jodexnis	DATE COMPLETED:	01/25/23

GROUNDWATER TABLE DEPTH: N/E — 0 Hr. — 24 Hr. — Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	59	1	0	0.5		6" Concrete Slab	NO PID
			0.5				
				3		Fill: Brown SILT, some coarse to fine Gravel, little Brick, trace Sand	
			3	3.5	SB-34 (3-3.5)	Fill: Brown SILT, some coarse to fine Gravel, trace Sand (Black Staining)	
5			3.5	5		Fill: Brown SILT, some coarse to fine Gravel, little Brick, trace Sand	
	60	2	5				
				8		Gray SILT, trace Gravel, trace Sand	
			8				
10				10		Gray medium to fine SAND, trace Silt	
	60	3	10				
				14		Gray SILT, trace Sand	
15			14	15	SB-34 (14-14.5)	Gray fine SAND, trace Silt	
						End Boring at 15 Feet BGS	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main Street	GEOPROBE NO.	**SB-39**
LOCATION:	White Plains, NY	JOB NO.	12461
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY:	Aarco Drilling	DATE STARTED:	01/26/23
INSPECTOR:	Tracey Jodexnis	DATE COMPLETED:	01/26/23

GROUNDWATER TABLE DEPTH: N/E — 0 Hr. | 24 Hr. | Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	38	1	0	0.5		6" Concrete Slab	0
			0.5		SB-39 (1-1.5)		3
							0.2
							0.2
5							0.1
	52	2					0
							0
				8		Fill: Brown SILT, little coarse to fine Gravel, trace Brick, trace Sand	0
			8				0
10							0
	58	3					0
					SB-39 (11-11.5)		0
							0
							0
15				15		Fill: Dark tan SILT, litte coarse to fine Gravel, trace Sand, trace Brick	0
						End Boring at 15 Feet BGS	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

3YxTNMvNB0V0N4sF

SESI CONSULTING ENGINEERS

PROJECT NAME:	100 Main Street	GEOPROBE NO.	**SB-40**
LOCATION:	White Plains, NY	JOB NO.	12461
METHOD:	Direct Push	GROUND ELEVATION:	NA
GEOPROBE BY:	Aarco Drilling	DATE STARTED:	01/26/23
INSPECTOR:	Tracey Jodexnis	DATE COMPLETED:	01/26/23

GROUNDWATER TABLE DEPTH: N/E — 0 Hr. | 24 Hr. | Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	36	1	0	0.5		6" Concrete Slab	0
			0.5				0
							0
							0.1
5				5	SB-40 (4.5-5)	Fill: Gray SILT, little coarse to fine Gravel, little Brick, trace Sand	0.2
	58	2	5				0.1
							0
					SB-40 (7-7.5)		0
							0
10							0
	60	3		11		Fill: Brown SILT, little medium to fine Gravel, trace Brick, trace Sand	0
			11	11.5		Tan medium to fine SAND, trace Silt	0
			11.5				0
							0
15				15		Tan SILT, trace Gravel, trace Sand	0
						End Boring at 15 Feet BGS	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-40M

PROJECT NAME Galleria
PROJECT NO. 12859
DATE STARTED 07-01-2023 **COMPLETED** 07-01-2023
DRILLING CONTRACTOR ADT/Cascade
SAMPLER
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY C. Barletta **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION White Plains, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **GROUNDWATER LEVELS:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 5.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Concrete					SB-40 (0.5-1)		0.0	
		Brown/gray fill, coarse to fine SAND, some Silt and Gravel, trace Clay							0.0	
				S-1		54			0.0	
		Gray coarse to fine SAND and Gravel, little Silt, trace Clay							0.0	
	-5		5						0.0	
		BOREHOLE COMPLETED AT 5± FEET								
	-10		10							
	-15		15							
	-20		20							
	-25		25							
	-30		30							

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-38M

PROJECT NAME Galleria
PROJECT NO. 12859
DATE STARTED 07-01-2023 **COMPLETED** 07-01-2023
DRILLING CONTRACTOR ADT/Cascade
SAMPLER
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY C. Barletta **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION White Plains, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **GROUNDWATER LEVELS:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 5.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Concrete					SB-38M (1-1.5)		0.0	
		Light brown coarse to fine SAND, some Gravel, trace Silt/Clay							0.0	
		Light brown/yelllow coarse to fine SAND, some Silt, little Gravel, trace		S-1		48			0.0	
									0.0	
	-5	BOREHOLE COMPLETED AT 5± FEET	5						0.0	
	-10		10							
	-15		15							
	-20		20							
	-25		25							
	-30		30							

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: SB-39M

PROJECT NAME Galleria
PROJECT NO. 12859
DATE STARTED 07-07-2023 **COMPLETED** 07-01-2023
DRILLING CONTRACTOR
SAMPLER
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY **CHECKED BY** C. Malvicini
LATITUDE **LONGITUDE**

PROJECT LOCATION White Plains, New York
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **GROUNDWATER LEVELS:**
CASING DIAMETER ▽ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 5.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data: Type	Sample Data: Rec. (in)	Sample Data: Environmental Soil Sample Name	Sample Data: Blows/6-in Core time/ft	Sample Data: PID (ppm)	Remarks
		Concrete							0.0	
		Brown coarse to fine SAND, some Gravel, trace Silt/Clay		S-1		48	SB-39 (2-2.5)		0.0	
		Light brown/gray coarse to fine SAND, some Silt, trace Clay/Gravel							0.0	
	-5	BOREHOLE COMPLETED AT 5± FEET	5						0.0	
	-10		10							
	-15		15							
	-20		20							
	-25		25							
	-30		30							

Appendix B:

Laboratory Reports

Sample Summary

SESI Consulting Engineers

Job No: JD56769

100 Main Steet, White Plains, NY
Project No: 12461

	Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
	JD56769-1	12/07/22	10:00	CC	12/07/22	SO	Soil	SB-1(3-3.5)
*	JD56769-1A	12/07/22	10:00	CC	12/07/22	SO	Soil	SB-1(3-3.5)
	JD56769-2	12/07/22	11:20	CC	12/07/22	SO	Soil	SB-1(16.5-17)
*	JD56769-2A	12/07/22	11:20	CC	12/07/22	SO	Soil	SB-1(16.5-17)
	JD56769-3	12/07/22	11:50	CC	12/07/22	SO	Soil	SB-2(3.5-4)
*	JD56769-3A	12/07/22	11:50	CC	12/07/22	SO	Soil	SB-2(3.5-4)
	JD56769-4	12/07/22	12:15	CC	12/07/22	SO	Soil	SB-2(13.5-14)
*	JD56769-4A	12/07/22	12:15	CC	12/07/22	SO	Soil	SB-2(13.5-14)
	JD56769-5	12/07/22	13:05	CC	12/07/22	SO	Soil	SB-3(3.5-4)
*	JD56769-5A	12/07/22	13:05	CC	12/07/22	SO	Soil	SB-3(3.5-4)
	JD56769-6	12/07/22	13:35	CC	12/07/22	SO	Soil	SB-3(6-6.5)
*	JD56769-6A	12/07/22	13:35	CC	12/07/22	SO	Soil	SB-3(6-6.5)

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

SESI Consulting Engineers

Job No: JD56769

100 Main Steet, White Plains, NY
Project No: 12461

	Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
	JD56769-7	12/07/22	14:25	CC	12/07/22	SO	Soil	SB-5(7.5-8)
*	JD56769-7A	12/07/22	14:25	CC	12/07/22	SO	Soil	SB-5(7.5-8)
	JD56769-8	12/07/22	14:30	CC	12/07/22	SO	Soil	SB-5(11.5-12)
*	JD56769-8A	12/07/22	14:30	CC	12/07/22	SO	Soil	SB-5(11.5-12)
	JD56769-9	12/07/22	15:00	CC	12/07/22	SO	Soil	SB-4(1.5-2)
*	JD56769-9A	12/07/22	15:00	CC	12/07/22	SO	Soil	SB-4(1.5-2)
	JD56769-10	12/07/22	15:05	CC	12/07/22	SO	Soil	SB-4(7-7.5)
*	JD56769-10A	12/07/22	15:05	CC	12/07/22	SO	Soil	SB-4(7-7.5)
	JD56769-11	12/07/22	15:05	CC	12/07/22	AQ	Trip Blank Soil	TB-20221207

* The following report applies to these samples only (9 day TAT).

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID: SB-1(3-3.5)
Lab Sample ID: JD56769-1A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 94.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9793.D	1	12/16/22 18:09	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.04 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1(3-3.5)		
Lab Sample ID:	JD56769-1A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	89%		20-150%
	13C5-PFPeA	86%		20-150%
	13C5-PFHxA	86%		20-150%
	13C4-PFHpA	85%		20-150%
	13C8-PFOA	82%		20-150%
	13C9-PFNA	88%		20-150%
	13C6-PFDA	99%		20-150%
	13C7-PFUnDA	95%		20-150%
	13C2-PFDoDA	78%		20-150%
	13C2-PFTeDA	61%		20-150%
	13C3-PFBS	79%		20-150%
	13C3-PFHxS	86%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1(3-3.5)		
Lab Sample ID:	JD56769-1A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	80%		20-150%
	13C8-FOSA	80%		20-150%
	d3-MeFOSA	49%		20-150%
	d5-EtFOSA	44%		20-150%
	d3-MeFOSAA	86%		20-150%
	d5-EtFOSAA	86%		20-150%
	d7-MeFOSE	52%		20-150%
	d9-EtFOSE	55%		20-150%
	13C2-4:2FTS	100%		20-150%
	13C2-6:2FTS	99%		20-150%
	13C2-8:2FTS	100%		20-150%
	13C3-HFPO-DA	98%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-1(16.5-17)
Lab Sample ID: JD56769-2A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 92.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9798.D	1	12/16/22 19:19	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.86	0.54	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.86	0.65	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1(16.5-17)		
Lab Sample ID:	JD56769-2A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.86	0.31	ug/kg	
919005-14-4	ADONA	ND	0.86	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.86	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.86	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.22	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.55	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	85%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	89%		20-150%
	13C9-PFNA	91%		20-150%
	13C6-PFDA	83%		20-150%
	13C7-PFUnDA	84%		20-150%
	13C2-PFDoDA	75%		20-150%
	13C2-PFTeDA	57%		20-150%
	13C3-PFBS	81%		20-150%
	13C3-PFHxS	87%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1(16.5-17)		
Lab Sample ID:	JD56769-2A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	88%		20-150%
	13C8-FOSA	88%		20-150%
	d3-MeFOSA	50%		20-150%
	d5-EtFOSA	48%		20-150%
	d3-MeFOSAA	88%		20-150%
	d5-EtFOSAA	87%		20-150%
	d7-MeFOSE	65%		20-150%
	d9-EtFOSE	72%		20-150%
	13C2-4:2FTS	95%		20-150%
	13C2-6:2FTS	95%		20-150%
	13C2-8:2FTS	78%		20-150%
	13C3-HFPO-DA	99%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2(3.5-4)
Lab Sample ID: JD56769-3A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 95.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9799.D	1	12/16/22 19:33	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2(3.5-4)		
Lab Sample ID:	JD56769-3A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	84%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	85%		20-150%
	13C8-PFOA	88%		20-150%
	13C9-PFNA	88%		20-150%
	13C6-PFDA	89%		20-150%
	13C7-PFUnDA	90%		20-150%
	13C2-PFDoDA	73%		20-150%
	13C2-PFTeDA	63%		20-150%
	13C3-PFBS	75%		20-150%
	13C3-PFHxS	87%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2(3.5-4)		
Lab Sample ID:	JD56769-3A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	80%		20-150%
	13C8-FOSA	80%		20-150%
	d3-MeFOSA	38%		20-150%
	d5-EtFOSA	40%		20-150%
	d3-MeFOSAA	85%		20-150%
	d5-EtFOSAA	79%		20-150%
	d7-MeFOSE	60%		20-150%
	d9-EtFOSE	63%		20-150%
	13C2-4:2FTS	87%		20-150%
	13C2-6:2FTS	91%		20-150%
	13C2-8:2FTS	75%		20-150%
	13C3-HFPO-DA	102%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-2(13.5-14)
Lab Sample ID: JD56769-4A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 95.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9800.D	1	12/16/22 19:47	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2(13.5-14)		
Lab Sample ID:	JD56769-4A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	91%		20-150%
	13C5-PFPeA	87%		20-150%
	13C5-PFHxA	89%		20-150%
	13C4-PFHpA	89%		20-150%
	13C8-PFOA	91%		20-150%
	13C9-PFNA	91%		20-150%
	13C6-PFDA	91%		20-150%
	13C7-PFUnDA	90%		20-150%
	13C2-PFDoDA	78%		20-150%
	13C2-PFTeDA	54%		20-150%
	13C3-PFBS	83%		20-150%
	13C3-PFHxS	91%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2(13.5-14)		
Lab Sample ID:	JD56769-4A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	84%		20-150%
	13C8-FOSA	84%		20-150%
	d3-MeFOSA	68%		20-150%
	d5-EtFOSA	69%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	83%		20-150%
	d7-MeFOSE	75%		20-150%
	d9-EtFOSE	78%		20-150%
	13C2-4:2FTS	96%		20-150%
	13C2-6:2FTS	102%		20-150%
	13C2-8:2FTS	91%		20-150%
	13C3-HFPO-DA	94%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3(3.5-4)
Lab Sample ID: JD56769-5A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 93.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9801.D	1	12/16/22 20:01	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.86	0.54	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.86	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3(3.5-4)		
Lab Sample ID:	JD56769-5A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.86	0.31	ug/kg	
919005-14-4	ADONA	ND	0.86	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.86	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.86	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.55	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	89%		20-150%
	13C5-PFPeA	88%		20-150%
	13C5-PFHxA	89%		20-150%
	13C4-PFHpA	90%		20-150%
	13C8-PFOA	82%		20-150%
	13C9-PFNA	89%		20-150%
	13C6-PFDA	84%		20-150%
	13C7-PFUnDA	91%		20-150%
	13C2-PFDoDA	86%		20-150%
	13C2-PFTeDA	81%		20-150%
	13C3-PFBS	78%		20-150%
	13C3-PFHxS	84%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3(3.5-4)		
Lab Sample ID:	JD56769-5A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	95%		20-150%
	13C8-FOSA	101%		20-150%
	d3-MeFOSA	73%		20-150%
	d5-EtFOSA	74%		20-150%
	d3-MeFOSAA	120%		20-150%
	d5-EtFOSAA	122%		20-150%
	d7-MeFOSE	81%		20-150%
	d9-EtFOSE	83%		20-150%
	13C2-4:2FTS	87%		20-150%
	13C2-6:2FTS	86%		20-150%
	13C2-8:2FTS	96%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-3(6-6.5)
Lab Sample ID: JD56769-6A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 92.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9802.D	1	12/16/22 20:15	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	4.95 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.87	0.54	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.44	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.44	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.65	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3(6-6.5)		
Lab Sample ID:	JD56769-6A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	92.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.87	0.31	ug/kg	
919005-14-4	ADONA	ND	0.87	0.37	ug/kg	
377-73-1	PFMPA	ND	0.44	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.27	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.48	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.44	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.22	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.55	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	77%		20-150%
	13C5-PFPeA	75%		20-150%
	13C5-PFHxA	78%		20-150%
	13C4-PFHpA	78%		20-150%
	13C8-PFOA	74%		20-150%
	13C9-PFNA	82%		20-150%
	13C6-PFDA	75%		20-150%
	13C7-PFUnDA	73%		20-150%
	13C2-PFDoDA	64%		20-150%
	13C2-PFTeDA	57%		20-150%
	13C3-PFBS	72%		20-150%
	13C3-PFHxS	74%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3(6-6.5)		
Lab Sample ID:	JD56769-6A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	92.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	76%		20-150%
	13C8-FOSA	70%		20-150%
	d3-MeFOSA	65%		20-150%
	d5-EtFOSA	61%		20-150%
	d3-MeFOSAA	56%		20-150%
	d5-EtFOSAA	58%		20-150%
	d7-MeFOSE	63%		20-150%
	d9-EtFOSE	66%		20-150%
	13C2-4:2FTS	77%		20-150%
	13C2-6:2FTS	72%		20-150%
	13C2-8:2FTS	77%		20-150%
	13C3-HFPO-DA	87%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-5(7.5-8)
Lab Sample ID: JD56769-7A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 96.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9803.D	1	12/16/22 20:29	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.05 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.82	0.51	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.41	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.10	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.16	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.15	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.82	0.41	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.82	0.41	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.82	0.62	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.10	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-5(7.5-8)
Lab Sample ID: JD56769-7A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 96.2

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.16	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.20	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.82	0.30	ug/kg	
919005-14-4	ADONA	ND	0.82	0.35	ug/kg	
377-73-1	PFMPA	ND	0.41	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.41	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.41	0.25	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.82	0.45	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.82	0.41	ug/kg	
113507-82-7	PFEESA	ND	0.41	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.52	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.1	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.1	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	86%		20-150%
	13C5-PFPeA	85%		20-150%
	13C5-PFHxA	86%		20-150%
	13C4-PFHpA	89%		20-150%
	13C8-PFOA	81%		20-150%
	13C9-PFNA	91%		20-150%
	13C6-PFDA	89%		20-150%
	13C7-PFUnDA	89%		20-150%
	13C2-PFDoDA	76%		20-150%
	13C2-PFTeDA	57%		20-150%
	13C3-PFBS	80%		20-150%
	13C3-PFHxS	84%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5(7.5-8)		
Lab Sample ID:	JD56769-7A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	96.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	85%		20-150%
	13C8-FOSA	89%		20-150%
	d3-MeFOSA	54%		20-150%
	d5-EtFOSA	56%		20-150%
	d3-MeFOSAA	92%		20-150%
	d5-EtFOSAA	87%		20-150%
	d7-MeFOSE	70%		20-150%
	d9-EtFOSE	75%		20-150%
	13C2-4:2FTS	91%		20-150%
	13C2-6:2FTS	95%		20-150%
	13C2-8:2FTS	81%		20-150%
	13C3-HFPO-DA	98%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-5(11.5-12)
Lab Sample ID: JD56769-8A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 95.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9804.D	1	12/16/22 20:43	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.05 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.83	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.83	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.83	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.83	0.62	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5(11.5-12)		
Lab Sample ID:	JD56769-8A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.16	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.20	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.83	0.30	ug/kg	
919005-14-4	ADONA	ND	0.83	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.25	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.83	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.83	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	86%		20-150%
	13C5-PFHxA	88%		20-150%
	13C4-PFHpA	84%		20-150%
	13C8-PFOA	87%		20-150%
	13C9-PFNA	81%		20-150%
	13C6-PFDA	84%		20-150%
	13C7-PFUnDA	90%		20-150%
	13C2-PFDoDA	75%		20-150%
	13C2-PFTeDA	64%		20-150%
	13C3-PFBS	86%		20-150%
	13C3-PFHxS	92%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5(11.5-12)		
Lab Sample ID:	JD56769-8A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	90%		20-150%
	13C8-FOSA	74%		20-150%
	d3-MeFOSA	43%		20-150%
	d5-EtFOSA	44%		20-150%
	d3-MeFOSAA	88%		20-150%
	d5-EtFOSAA	96%		20-150%
	d7-MeFOSE	63%		20-150%
	d9-EtFOSE	64%		20-150%
	13C2-4:2FTS	101%		20-150%
	13C2-6:2FTS	95%		20-150%
	13C2-8:2FTS	78%		20-150%
	13C3-HFPO-DA	92%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-4(1.5-2)
Lab Sample ID: JD56769-9A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 94.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9805.D	1	12/16/22 20:57	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.04 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4(1.5-2)		
Lab Sample ID:	JD56769-9A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.5
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	89%		20-150%
	13C5-PFHxA	92%		20-150%
	13C4-PFHpA	87%		20-150%
	13C8-PFOA	82%		20-150%
	13C9-PFNA	84%		20-150%
	13C6-PFDA	84%		20-150%
	13C7-PFUnDA	83%		20-150%
	13C2-PFDoDA	68%		20-150%
	13C2-PFTeDA	58%		20-150%
	13C3-PFBS	89%		20-150%
	13C3-PFHxS	92%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4(1.5-2)		
Lab Sample ID:	JD56769-9A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.5
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	83%		20-150%
	13C8-FOSA	71%		20-150%
	d3-MeFOSA	48%		20-150%
	d5-EtFOSA	52%		20-150%
	d3-MeFOSAA	86%		20-150%
	d5-EtFOSAA	78%		20-150%
	d7-MeFOSE	61%		20-150%
	d9-EtFOSE	67%		20-150%
	13C2-4:2FTS	102%		20-150%
	13C2-6:2FTS	98%		20-150%
	13C2-8:2FTS	98%		20-150%
	13C3-HFPO-DA	92%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-4(7-7.5)
Lab Sample ID: JD56769-10A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/07/22
Date Received: 12/07/22
Percent Solids: 95.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9806.D	1	12/16/22 21:11	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4(7-7.5)		
Lab Sample ID:	JD56769-10A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	89%		20-150%
	13C5-PFPeA	88%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	93%		20-150%
	13C8-PFOA	87%		20-150%
	13C9-PFNA	86%		20-150%
	13C6-PFDA	90%		20-150%
	13C7-PFUnDA	84%		20-150%
	13C2-PFDoDA	76%		20-150%
	13C2-PFTeDA	70%		20-150%
	13C3-PFBS	78%		20-150%
	13C3-PFHxS	85%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4(7-7.5)		
Lab Sample ID:	JD56769-10A	**Date Sampled:**	12/07/22
Matrix:	SO - Soil	**Date Received:**	12/07/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	85%		20-150%
	13C8-FOSA	76%		20-150%
	d3-MeFOSA	49%		20-150%
	d5-EtFOSA	53%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	86%		20-150%
	d7-MeFOSE	65%		20-150%
	d9-EtFOSE	71%		20-150%
	13C2-4:2FTS	93%		20-150%
	13C2-6:2FTS	91%		20-150%
	13C2-8:2FTS	90%		20-150%
	13C3-HFPO-DA	101%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS

SO SLL TB

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

FED-EX Tracking #:
Bottle Order Control #: KR-111722-180
SGS Quote #:
SGS Job #: JD56769

Client / Reporting Information

Company Name: SESI
Street Address: 959 Rt 46E 3rd Floor Suite 300
City / State / Zip: Parsippany NJ
Project Contact / E-mail: Jon Stuart JCS@sesi.org
Phone #: (973) 808 9050
Sampler(s) Name(s) / Phone #: Cayar Chichester (973) 809 5722

Project Information

Project Name: 100 Main St. White Plains, NY
Street: 100 Main St.
City / State: White Plains NY
Project #: 12461
Client Purchase Order #:
Project Manager: John Stuart
Attention:

Billing Information (if different from Report to)

Company Name: Renaissance Galleria Environmental Management LLC
Street Address: Kevin McManus
City / State / Zip:

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	TAL/TCL+30	1,4 Dioxane (Method 1633)	PFAS (Method 1633)	VOCs	LAB USE ONLY
1	SB-1 (3-3.5)		12/07/22	1000	CC	G		Soil	6					6				X	X	X		B11
2	SB-1 (16.5-17)			1120																		SUB
3	SB-2 (3.5-4)			1150																		PB4
4	SB-2 (13.5-14)			1215																		encore
5	SB-3 (3.5-4)			1305																		14 Fb
6	SB-3 (6-6.5)			1335																		49 02
7	SB-5 (7.5-8)			1425																		
8	SB-5 (11.5-12)			1430																		
9	SB-4 (1.5-2)			1500																		
10	SB-4 (7-7.5)			1505																		
11	TB-20221207								2	2										X		

Turn Around Time (Business Days)

Approved By (SGS PM) / Date: RS 3A

- [ ] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [x] Other 4 day

All data available via SGS Engage
* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] MA MCP Criteria ____
- [ ] CT RCP Criteria ____
- [ ] State Forms
- [x] EDD Format NYEDD

3 Day encore

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Billing to Renaissance Galleria environmental mnagement LLC total

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	12/17/22	2	2	12-7-22 1910	2
3		3	4		4
5		5	Custody Seal #	Intact / Not intact / Absent	Therm ID: / See Sample Receipt Summary / On Ice / Cooler Temp. °C

SGS COURIER

SGS COURIER

4-1

EHSA-QAC-0023-05 Rev.Date:8/5/22

SGS Sample Receipt Summary

Job Number: JD56769 **Client:** SESI CONSULTING ENGINEERS **Project:** 100 MAIN STEET, WHITE PLAINS, NY

Date / Time Received: 12/7/2022 7:10:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (4.1);

Cooler Temps (Corrected) °C: Cooler 1: (4.1);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Sample Summary

SESI Consulting Engineers

Job No: JD56856

100 Main Steet, White Plains, NY
Project No: 12461

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies: Organics ND = Not detected above the MDL							
JD56856-1	12/08/22	08:30	CC	12/08/22	SO	Soil	SB-6(1.5-2)
* JD56856-1A	12/08/22	08:30	CC	12/08/22	SO	Soil	SB-6(1.5-2)
JD56856-2	12/08/22	08:35	CC	12/08/22	SO	Soil	SB-6(8-8.5)
* JD56856-2A	12/08/22	08:35	CC	12/08/22	SO	Soil	SB-6(8-8.5)
JD56856-3	12/08/22	09:50	CC	12/08/22	SO	Soil	SB-7(4-4.5)
* JD56856-3A	12/08/22	09:50	CC	12/08/22	SO	Soil	SB-7(4-4.5)
JD56856-4	12/08/22	11:15	CC	12/08/22	SO	Soil	SB-8(5-5.5)
* JD56856-4A	12/08/22	11:15	CC	12/08/22	SO	Soil	SB-8(5-5.5)
JD56856-5	12/08/22	11:20	CC	12/08/22	SO	Soil	SB-8(11.5-12)
* JD56856-5A	12/08/22	11:20	CC	12/08/22	SO	Soil	SB-8(11.5-12)
JD56856-6	12/08/22	12:20	CC	12/08/22	SO	Soil	SB-9(3-3.5)
* JD56856-6A	12/08/22	12:20	CC	12/08/22	SO	Soil	SB-9(3-3.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

SESI Consulting Engineers

Job No: JD56856

100 Main Steet, White Plains, NY
Project No: 12461

	Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
	JD56856-7	12/08/22	12:25	CC	12/08/22	SO	Soil	SB-9(17.5-18)
*	JD56856-7A	12/08/22	12:25	CC	12/08/22	SO	Soil	SB-9(17.5-18)
	JD56856-8	12/08/22	13:10	CC	12/08/22	SO	Soil	SB-10(4-4.5)
*	JD56856-8A	12/08/22	13:10	CC	12/08/22	SO	Soil	SB-10(4-4.5)
	JD56856-9	12/08/22	13:15	CC	12/08/22	SO	Soil	SB-10(8-8.5)
*	JD56856-9A	12/08/22	13:15	CC	12/08/22	SO	Soil	SB-10(8-8.5)
	JD56856-10	12/08/22	14:20	CC	12/08/22	SO	Soil	SB-12(7-7.5)
*	JD56856-10A	12/08/22	14:20	CC	12/08/22	SO	Soil	SB-12(7-7.5)
	JD56856-11	12/08/22	14:25	CC	12/08/22	SO	Soil	SB-12(15-15.5)
*	JD56856-11A	12/08/22	14:25	CC	12/08/22	SO	Soil	SB-12(15-15.5)

* The following report applies to these samples only (9 day TAT).

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID: SB-6(1.5-2)
Lab Sample ID: JD56856-1A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 93.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9807.D	1	12/16/22 21:25	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6(1.5-2)		
Lab Sample ID:	JD56856-1A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	89%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	90%		20-150%
	13C8-PFOA	85%		20-150%
	13C9-PFNA	88%		20-150%
	13C6-PFDA	86%		20-150%
	13C7-PFUnDA	87%		20-150%
	13C2-PFDoDA	82%		20-150%
	13C2-PFTeDA	64%		20-150%
	13C3-PFBS	79%		20-150%
	13C3-PFHxS	84%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6(1.5-2)		
Lab Sample ID:	JD56856-1A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	91%		20-150%
	13C8-FOSA	85%		20-150%
	d3-MeFOSA	57%		20-150%
	d5-EtFOSA	52%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	90%		20-150%
	d7-MeFOSE	74%		20-150%
	d9-EtFOSE	79%		20-150%
	13C2-4:2FTS	99%		20-150%
	13C2-6:2FTS	84%		20-150%
	13C2-8:2FTS	89%		20-150%
	13C3-HFPO-DA	95%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-6(8-8.5)
Lab Sample ID: JD56856-2A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 94.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9810.D	1	12/16/22 22:07	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.05 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6(8-8.5)		
Lab Sample ID:	JD56856-2A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	92%		20-150%
	13C5-PFPeA	88%		20-150%
	13C5-PFHxA	93%		20-150%
	13C4-PFHpA	91%		20-150%
	13C8-PFOA	86%		20-150%
	13C9-PFNA	91%		20-150%
	13C6-PFDA	84%		20-150%
	13C7-PFUnDA	84%		20-150%
	13C2-PFDoDA	84%		20-150%
	13C2-PFTeDA	72%		20-150%
	13C3-PFBS	85%		20-150%
	13C3-PFHxS	92%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6(8-8.5)		
Lab Sample ID:	JD56856-2A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	87%		20-150%
	13C8-FOSA	82%		20-150%
	d3-MeFOSA	48%		20-150%
	d5-EtFOSA	57%		20-150%
	d3-MeFOSAA	86%		20-150%
	d5-EtFOSAA	84%		20-150%
	d7-MeFOSE	65%		20-150%
	d9-EtFOSE	70%		20-150%
	13C2-4:2FTS	100%		20-150%
	13C2-6:2FTS	86%		20-150%
	13C2-8:2FTS	77%		20-150%
	13C3-HFPO-DA	97%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-7(4-4.5)
Lab Sample ID: JD56856-3A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 98.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9811.D	1	12/16/22 22:21	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.82	0.51	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.41	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.20	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.20	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.20	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.20	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.20	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.20	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.20	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.20	0.10	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.20	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.20	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.20	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.20	0.16	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.20	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.20	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.20	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.20	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.20	0.15	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.82	0.41	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.82	0.41	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.82	0.61	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.20	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.20	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.20	0.10	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7(4-4.5)		
Lab Sample ID:	JD56856-3A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	98.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.20	0.16	ug/kg	
2991-50-6	EtFOSAA	ND	0.20	0.20	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.0	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.0	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.82	0.30	ug/kg	
919005-14-4	ADONA	ND	0.82	0.34	ug/kg	
377-73-1	PFMPA	ND	0.41	0.20	ug/kg	
863090-89-5	PFMBA	ND	0.41	0.20	ug/kg	
151772-58-6	NFDHA	ND	0.41	0.25	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.82	0.45	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.82	0.41	ug/kg	
113507-82-7	PFEESA	ND	0.41	0.20	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.52	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.1	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.1	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	82%		20-150%
	13C5-PFPeA	82%		20-150%
	13C5-PFHxA	85%		20-150%
	13C4-PFHpA	81%		20-150%
	13C8-PFOA	81%		20-150%
	13C9-PFNA	81%		20-150%
	13C6-PFDA	78%		20-150%
	13C7-PFUnDA	68%		20-150%
	13C2-PFDoDA	50%		20-150%
	13C2-PFTeDA	46%		20-150%
	13C3-PFBS	77%		20-150%
	13C3-PFHxS	85%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7(4-4.5)		
Lab Sample ID:	JD56856-3A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	98.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	74%		20-150%
	13C8-FOSA	75%		20-150%
	d3-MeFOSA	65%		20-150%
	d5-EtFOSA	56%		20-150%
	d3-MeFOSAA	59%		20-150%
	d5-EtFOSAA	56%		20-150%
	d7-MeFOSE	63%		20-150%
	d9-EtFOSE	69%		20-150%
	13C2-4:2FTS	87%		20-150%
	13C2-6:2FTS	75%		20-150%
	13C2-8:2FTS	65%		20-150%
	13C3-HFPO-DA	100%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-8(5-5.5)
Lab Sample ID: JD56856-4A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 93.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9812.D	1	12/16/22 22:35	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-8(5-5.5)		
Lab Sample ID:	JD56856-4A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	89%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	92%		20-150%
	13C8-PFOA	87%		20-150%
	13C9-PFNA	90%		20-150%
	13C6-PFDA	89%		20-150%
	13C7-PFUnDA	81%		20-150%
	13C2-PFDoDA	76%		20-150%
	13C2-PFTeDA	64%		20-150%
	13C3-PFBS	85%		20-150%
	13C3-PFHxS	85%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-8(5-5.5)		
Lab Sample ID:	JD56856-4A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	92%		20-150%
	13C8-FOSA	84%		20-150%
	d3-MeFOSA	61%		20-150%
	d5-EtFOSA	63%		20-150%
	d3-MeFOSAA	86%		20-150%
	d5-EtFOSAA	93%		20-150%
	d7-MeFOSE	77%		20-150%
	d9-EtFOSE	83%		20-150%
	13C2-4:2FTS	91%		20-150%
	13C2-6:2FTS	98%		20-150%
	13C2-8:2FTS	83%		20-150%
	13C3-HFPO-DA	98%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-8(11.5-12)
Lab Sample ID: JD56856-5A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 92.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9813.D	1	12/16/22 22:49	AFL	12/12/22 11:30	F:OP94482	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	4.95 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.87	0.54	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.44	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.44	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.65	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-8(11.5-12)		
Lab Sample ID:	JD56856-5A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	92.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.87	0.31	ug/kg	
919005-14-4	ADONA	ND	0.87	0.37	ug/kg	
377-73-1	PFMPA	ND	0.44	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.27	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.48	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.44	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.22	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.55	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	91%		20-150%
	13C5-PFPeA	89%		20-150%
	13C5-PFHxA	88%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	84%		20-150%
	13C9-PFNA	88%		20-150%
	13C6-PFDA	83%		20-150%
	13C7-PFUnDA	85%		20-150%
	13C2-PFDoDA	75%		20-150%
	13C2-PFTeDA	61%		20-150%
	13C3-PFBS	88%		20-150%
	13C3-PFHxS	87%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-8(11.5-12)		
Lab Sample ID:	JD56856-5A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	92.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	82%		20-150%
	13C8-FOSA	78%		20-150%
	d3-MeFOSA	52%		20-150%
	d5-EtFOSA	54%		20-150%
	d3-MeFOSAA	83%		20-150%
	d5-EtFOSAA	77%		20-150%
	d7-MeFOSE	65%		20-150%
	d9-EtFOSE	70%		20-150%
	13C2-4:2FTS	93%		20-150%
	13C2-6:2FTS	98%		20-150%
	13C2-8:2FTS	100%		20-150%
	13C3-HFPO-DA	91%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-9(3-3.5)
Lab Sample ID: JD56856-6A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 94.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9828.D	1	12/17/22 02:18	AFL	12/12/22 11:30	F:OP94483	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.15	0.21	0.11	ug/kg	J
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-9(3-3.5)		
Lab Sample ID:	JD56856-6A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	92%		20-150%
	13C5-PFPeA	89%		20-150%
	13C5-PFHxA	86%		20-150%
	13C4-PFHpA	87%		20-150%
	13C8-PFOA	84%		20-150%
	13C9-PFNA	89%		20-150%
	13C6-PFDA	92%		20-150%
	13C7-PFUnDA	96%		20-150%
	13C2-PFDoDA	84%		20-150%
	13C2-PFTeDA	73%		20-150%
	13C3-PFBS	83%		20-150%
	13C3-PFHxS	86%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-9(3-3.5)		
Lab Sample ID:	JD56856-6A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	91%		20-150%
	13C8-FOSA	87%		20-150%
	d3-MeFOSA	60%		20-150%
	d5-EtFOSA	60%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	92%		20-150%
	d7-MeFOSE	74%		20-150%
	d9-EtFOSE	78%		20-150%
	13C2-4:2FTS	95%		20-150%
	13C2-6:2FTS	99%		20-150%
	13C2-8:2FTS	86%		20-150%
	13C3-HFPO-DA	97%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-9(17.5-18)
Lab Sample ID: JD56856-7A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 92.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9831.D	1	12/17/22 03:00	AFL	12/12/22 11:30	F:OP94483	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.87	0.54	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.65	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-9(17.5-18)		
Lab Sample ID:	JD56856-7A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	92.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.87	0.31	ug/kg	
919005-14-4	ADONA	ND	0.87	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.48	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.22	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.55	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	88%		20-150%
	13C5-PFHxA	87%		20-150%
	13C4-PFHpA	89%		20-150%
	13C8-PFOA	83%		20-150%
	13C9-PFNA	86%		20-150%
	13C6-PFDA	86%		20-150%
	13C7-PFUnDA	84%		20-150%
	13C2-PFDoDA	72%		20-150%
	13C2-PFTeDA	62%		20-150%
	13C3-PFBS	90%		20-150%
	13C3-PFHxS	89%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-9(17.5-18)		
Lab Sample ID:	JD56856-7A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	92.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	92%		20-150%
	13C8-FOSA	85%		20-150%
	d3-MeFOSA	67%		20-150%
	d5-EtFOSA	58%		20-150%
	d3-MeFOSAA	94%		20-150%
	d5-EtFOSAA	86%		20-150%
	d7-MeFOSE	65%		20-150%
	d9-EtFOSE	70%		20-150%
	13C2-4:2FTS	105%		20-150%
	13C2-6:2FTS	104%		20-150%
	13C2-8:2FTS	89%		20-150%
	13C3-HFPO-DA	93%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-10(4-4.5)
Lab Sample ID: JD56856-8A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 95.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9832.D	1	12/17/22 03:14	AFL	12/12/22 11:30	F:OP94483	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.83	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.15	0.21	0.10	ug/kg	J
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.83	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.83	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.83	0.62	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-10(4-4.5)		
Lab Sample ID:	JD56856-8A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.5
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.16	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.83	0.30	ug/kg	
919005-14-4	ADONA	ND	0.83	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.25	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.83	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.83	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	87%		20-150%
	13C5-PFHxA	85%		20-150%
	13C4-PFHpA	89%		20-150%
	13C8-PFOA	85%		20-150%
	13C9-PFNA	85%		20-150%
	13C6-PFDA	84%		20-150%
	13C7-PFUnDA	81%		20-150%
	13C2-PFDoDA	73%		20-150%
	13C2-PFTeDA	60%		20-150%
	13C3-PFBS	80%		20-150%
	13C3-PFHxS	84%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-10(4-4.5)		
Lab Sample ID:	JD56856-8A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.5
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	93%		20-150%
	13C8-FOSA	90%		20-150%
	d3-MeFOSA	65%		20-150%
	d5-EtFOSA	67%		20-150%
	d3-MeFOSAA	90%		20-150%
	d5-EtFOSAA	85%		20-150%
	d7-MeFOSE	72%		20-150%
	d9-EtFOSE	77%		20-150%
	13C2-4:2FTS	94%		20-150%
	13C2-6:2FTS	90%		20-150%
	13C2-8:2FTS	83%		20-150%
	13C3-HFPO-DA	93%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-10(8-8.5)
Lab Sample ID: JD56856-9A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 95.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9835.D	1	12/17/22 03:56	AFL	12/12/22 11:30	F:OP94483	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-10(8-8.5)		
Lab Sample ID:	JD56856-9A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	89%		20-150%
	13C5-PFHxA	88%		20-150%
	13C4-PFHpA	87%		20-150%
	13C8-PFOA	84%		20-150%
	13C9-PFNA	89%		20-150%
	13C6-PFDA	88%		20-150%
	13C7-PFUnDA	86%		20-150%
	13C2-PFDoDA	77%		20-150%
	13C2-PFTeDA	70%		20-150%
	13C3-PFBS	87%		20-150%
	13C3-PFHxS	85%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-10(8-8.5)		
Lab Sample ID:	JD56856-9A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	89%		20-150%
	13C8-FOSA	86%		20-150%
	d3-MeFOSA	66%		20-150%
	d5-EtFOSA	62%		20-150%
	d3-MeFOSAA	98%		20-150%
	d5-EtFOSAA	91%		20-150%
	d7-MeFOSE	72%		20-150%
	d9-EtFOSE	76%		20-150%
	13C2-4:2FTS	104%		20-150%
	13C2-6:2FTS	100%		20-150%
	13C2-8:2FTS	84%		20-150%
	13C3-HFPO-DA	90%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-12(7-7.5)
Lab Sample ID: JD56856-10A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 96.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9836.D	1	12/17/22 04:10	AFL	12/12/22 11:30	F:OP94483	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.83	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.83	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.83	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.83	0.62	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.10	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-12(7-7.5)		
Lab Sample ID:	JD56856-10A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	96.4
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.16	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.20	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.83	0.30	ug/kg	
919005-14-4	ADONA	ND	0.83	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.25	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.83	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.83	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	89%		20-150%
	13C5-PFPeA	86%		20-150%
	13C5-PFHxA	88%		20-150%
	13C4-PFHpA	90%		20-150%
	13C8-PFOA	83%		20-150%
	13C9-PFNA	87%		20-150%
	13C6-PFDA	84%		20-150%
	13C7-PFUnDA	89%		20-150%
	13C2-PFDoDA	73%		20-150%
	13C2-PFTeDA	57%		20-150%
	13C3-PFBS	90%		20-150%
	13C3-PFHxS	89%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-12(7-7.5)		
Lab Sample ID:	JD56856-10A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	96.4
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	90%		20-150%
	13C8-FOSA	84%		20-150%
	d3-MeFOSA	40%		20-150%
	d5-EtFOSA	39%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	88%		20-150%
	d7-MeFOSE	46%		20-150%
	d9-EtFOSE	54%		20-150%
	13C2-4:2FTS	109%		20-150%
	13C2-6:2FTS	103%		20-150%
	13C2-8:2FTS	99%		20-150%
	13C3-HFPO-DA	89%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-12(15-15.5)
Lab Sample ID: JD56856-11A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/08/22
Date Received: 12/08/22
Percent Solids: 96.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q9837.D	1	12/17/22 04:24	AFL	12/12/22 11:30	F:OP94483	F:S6Q157
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.83	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.41	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.16	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.15	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.83	0.41	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.83	0.41	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.83	0.62	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.10	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-12(15-15.5)		
Lab Sample ID:	JD56856-11A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	96.3
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.16	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.20	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.83	0.30	ug/kg	
919005-14-4	ADONA	ND	0.83	0.35	ug/kg	
377-73-1	PFMPA	ND	0.41	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.41	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.41	0.25	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.83	0.45	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.83	0.41	ug/kg	
113507-82-7	PFEESA	ND	0.41	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	90%		20-150%
	13C5-PFPeA	87%		20-150%
	13C5-PFHxA	92%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	85%		20-150%
	13C9-PFNA	94%		20-150%
	13C6-PFDA	88%		20-150%
	13C7-PFUnDA	87%		20-150%
	13C2-PFDoDA	80%		20-150%
	13C2-PFTeDA	69%		20-150%
	13C3-PFBS	85%		20-150%
	13C3-PFHxS	90%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-12(15-15.5)		
Lab Sample ID:	JD56856-11A	**Date Sampled:**	12/08/22
Matrix:	SO - Soil	**Date Received:**	12/08/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	96.3
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	87%		20-150%
	13C8-FOSA	83%		20-150%
	d3-MeFOSA	56%		20-150%
	d5-EtFOSA	55%		20-150%
	d3-MeFOSAA	91%		20-150%
	d5-EtFOSAA	93%		20-150%
	d7-MeFOSE	72%		20-150%
	d9-EtFOSE	75%		20-150%
	13C2-4:2FTS	104%		20-150%
	13C2-6:2FTS	100%		20-150%
	13C2-8:2FTS	92%		20-150%
	13C3-HFPO-DA	90%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SO
SLC

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking #:
Bottle Order Control #: KR-111722-180
SGS Quote #:
SGS Job #: JD56856

Client / Reporting Information

Company Name: SES]
Street Address: 959 Rt 46 E 3rd Floor Suite 300
City: Parsippany State: NJ Zip:
Project Contact: Jon Stuart E-mail:
Phone #: (973) 808 9050
Sampler(s) Name(s): Cougar Chidester Phone #: 973 809 5722

Project Information

Project Name: 100 Main St. White Plains NY
Street: 100 Main St.
City: White Plains State: NY
Project #: 12461
Client Purchase Order #:
Project Manager: Jon Stuart
Attention: Kevin McManus

Billing Information (if different from Report to)

Company Name: Renaissance Galleria Environmental Management LLC
Street Address:
City State Zip:

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB-Equipment Blank; RB - Rinse Blank; TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	Number of Bottles: HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
1	SB-6 (1.5-2)		12/08/22	0830	CC	G		SO	6					6				X	D13
2	SB-6 (8-8.5)			0835														X	SUB
3	SB-7 (4-4.5)			0950														X	P34
4	SB-8 (5-5.5)			1115															Encore
5	SB-8 (11.5-12)			1120															1461
6	SB-9 (3-3.5)			1220															4962
7	SB-9 (17.5-18)			1225															
8	SB-10 (4-4.5)			1310															
9	SB-10 (8-8.5)			1315															
10	SB-12 (7-7.5)			1420															
11	SB-12 (15-15.5)			1425															

PAL/Vol+30
1,4 Dioxane
PFAS (Method

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [ ] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [x] Other 4 days

All data available via SGS Engage

* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [x] EDD Format NY EDD

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

*3x 5g Encore

Initial Temperature: A52A
Label Verification:

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	12/09/22 0815	1	2	12/8/22 1951	2
3		3	4		4
5		5	Custody Seal #		

Intact / Not intact / Absent

Therm ID: See Sample Receipt Summary

On Ice: Y

Cooler Temp. °C: 2.1 G-IP

EHSA-QAC-0023-05 Rev.Date:8/5/22

SGS Sample Receipt Summary

Job Number: JD56856 **Client:** SESI CONSULTING ENGINEERS **Project:** 100 MAIN STEET, WHITE PLAINS, NY

Date / Time Received: 12/8/2022 7:51:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.1);

Cooler Temps (Corrected) °C: Cooler 1: (2.1);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SESI Consulting Engineers

100 Main Steet, White Plains, NY

12461

SGS Job Number: JD56955

Sampling Date: 12/09/22



Report to:

SESI Consulting Engineers
959 Route 46E 3rd Floor
Parsippany, NJ 07054
ssg@sesi.org; jcs@sesi.org

ATTN: Steve Gustems

Total number of pages in report: **499**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

David Chastain
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA(68-00408), RI, SC, TX, UT, VA, WV

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SGS North America Inc.

Sample Summary

SESI Consulting Engineers

Job No: JD56955

100 Main Steet, White Plains, NY
Project No: 12461

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies: Organics ND = Not detected above the MDL							
JD56955-1	12/09/22	10:42	SWG	12/09/22	AIR	Soil Vapor Comp.	SV-1
JD56955-2	12/09/22	11:07	SWG	12/09/22	AIR	Soil Vapor Comp.	SV-2
JD56955-3	12/09/22	11:05	SWG	12/09/22	AIR	Indoor Air Comp.	IA-1
JD56955-4	12/09/22	11:30	SWG	12/09/22	AIR	Indoor Air Comp.	IA-2

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	SESI Consulting Engineers	**Job No:**	JD56955
Site:	100 Main Steet, White Plains, NY	**Report Date**	12/21/2022 11:45:08 A

On 12/09/2022, 4 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. A SGS North America Inc. Job Number of JD56955 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Compounds qualified as out of range in the continuing calibration summary report are acceptable as per method requirements when there is a high bias but the sample result is non-detect.

MS Volatiles By Method TO-15

Matrix: AIR **Batch ID:** V3W3087

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD56989-1DUP were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- RPD(s) for Duplicate for Hexane, m,p-Xylene, Methylene chloride, Trichloroethylene, Xylenes (total) are outside control limits. Probable cause due to sample homogeneity.
- V3W3087-BS for Hexachlorobutadiene: High percent recovery and no associated positive reported in the QC batch.
- JD56955-1 for Benzyl Chloride: Associated CCV outside of control limits high, sample was ND.
- JD56955-1 for Hexachlorobutadiene: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD56955-2 for Benzyl Chloride: Associated CCV outside of control limits high, sample was ND.
- JD56955-2 for Hexachlorobutadiene: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD56955-3 for Benzyl Chloride: Associated CCV outside of control limits high, sample was ND.
- JD56955-3 for Hexachlorobutadiene: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- JD56955-4 for Benzyl Chloride: Associated CCV outside of control limits high, sample was ND.
- JD56955-4 for Hexachlorobutadiene: Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

SGS North America Inc. certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS North America Inc. is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by SGS North America Inc indicated via signature on the report cover

Summary of Hits

Job Number: JD56955
Account: SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY
Collected: 12/09/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD56955-1	**SV-1**					
Acetone (2-Propanone)		11.4	0.80	0.58	ppbv	TO-15
Benzene		2.3	0.80	0.25	ppbv	TO-15
Carbon disulfide		1.8	0.80	0.18	ppbv	TO-15
Chloroform		2.3	0.80	0.15	ppbv	TO-15
Chloromethane		0.44 J	0.80	0.36	ppbv	TO-15
Cyclohexane		0.65 J	0.80	0.44	ppbv	TO-15
Dichlorodifluoromethane		20.7	0.80	0.13	ppbv	TO-15
Ethanol		42.6	2.0	1.6	ppbv	TO-15
Ethylbenzene		1.5	0.80	0.24	ppbv	TO-15
Heptane		1.6	0.80	0.37	ppbv	TO-15
Hexane		9.1	0.80	0.45	ppbv	TO-15
Isopropyl Alcohol		3.6	0.80	0.56	ppbv	TO-15
Methylene chloride		6.4	0.80	0.22	ppbv	TO-15
Methyl ethyl ketone		2.1	0.80	0.44	ppbv	TO-15
1,2,4-Trimethylbenzene		0.46 J	0.80	0.35	ppbv	TO-15
Tertiary Butyl Alcohol		0.93	0.80	0.37	ppbv	TO-15
Toluene		3.1	0.80	0.23	ppbv	TO-15
Trichloroethylene		0.19	0.16	0.076	ppbv	TO-15
Trichlorofluoromethane		0.53	0.40	0.14	ppbv	TO-15
m,p-Xylene		4.6	0.80	0.56	ppbv	TO-15
o-Xylene		1.5	0.80	0.31	ppbv	TO-15
Xylenes (total)		6.2	0.80	0.31	ppbv	TO-15
Acetone (2-Propanone)		27.1	1.9	1.4	ug/m3	TO-15
Benzene		7.3	2.6	0.80	ug/m3	TO-15
Carbon disulfide		5.6	2.5	0.56	ug/m3	TO-15
Chloroform		11	3.9	0.73	ug/m3	TO-15
Chloromethane		0.91 J	1.7	0.74	ug/m3	TO-15
Cyclohexane		2.2 J	2.8	1.5	ug/m3	TO-15
Dichlorodifluoromethane		102	4.0	0.64	ug/m3	TO-15
Ethanol		80.3	3.8	3.0	ug/m3	TO-15
Ethylbenzene		6.5	3.5	1.0	ug/m3	TO-15
Heptane		6.6	3.3	1.5	ug/m3	TO-15
Hexane		32	2.8	1.6	ug/m3	TO-15
Isopropyl Alcohol		8.8	2.0	1.4	ug/m3	TO-15
Methylene chloride		22	2.8	0.76	ug/m3	TO-15
Methyl ethyl ketone		6.2	2.4	1.3	ug/m3	TO-15
1,2,4-Trimethylbenzene		2.3 J	3.9	1.7	ug/m3	TO-15
Tertiary Butyl Alcohol		2.8	2.4	1.1	ug/m3	TO-15
Toluene		12	3.0	0.87	ug/m3	TO-15
Trichloroethylene		1.0	0.86	0.41	ug/m3	TO-15
Trichlorofluoromethane		3.0	2.2	0.79	ug/m3	TO-15
m,p-Xylene		20	3.5	2.4	ug/m3	TO-15
o-Xylene		6.5	3.5	1.3	ug/m3	TO-15

Summary of Hits

Job Number: JD56955
Account: SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY
Collected: 12/09/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Xylenes (total)		27	3.5	1.3	ug/m3	TO-15
JD56955-2	**SV-2**					
Acetone (2-Propanone)		33.5	0.80	0.58	ppbv	TO-15
Benzene		0.77 J	0.80	0.25	ppbv	TO-15
Carbon disulfide		12.3	0.80	0.18	ppbv	TO-15
1,1-Dichloroethane		4.9	0.80	0.23	ppbv	TO-15
1,1-Dichloroethylene		1.7	0.16	0.24	ppbv	TO-15
1,4-Dioxane		5.3	0.80	0.47	ppbv	TO-15
Dichlorodifluoromethane		7.8	0.80	0.13	ppbv	TO-15
Ethanol		11.2	2.0	1.6	ppbv	TO-15
Ethylbenzene		0.55 J	0.80	0.24	ppbv	TO-15
Ethyl Acetate		1.1	0.80	0.42	ppbv	TO-15
Heptane		1.8	0.80	0.37	ppbv	TO-15
Hexane		2.8	0.80	0.45	ppbv	TO-15
Isopropyl Alcohol		17.3	0.80	0.56	ppbv	TO-15
Methylene chloride		4.9	0.80	0.22	ppbv	TO-15
Methyl ethyl ketone		3.7	0.80	0.44	ppbv	TO-15
Methyl Isobutyl Ketone		1.1	0.80	0.29	ppbv	TO-15
1,1,1-Trichloroethane		35.7	0.40	0.15	ppbv	TO-15
2,2,4-Trimethylpentane		0.51 J	0.80	0.38	ppbv	TO-15
Tertiary Butyl Alcohol		2.8	0.80	0.37	ppbv	TO-15
Tetrachloroethylene		2.1	0.16	0.056	ppbv	TO-15
Toluene		5.7	0.80	0.23	ppbv	TO-15
m,p-Xylene		1.3	0.80	0.56	ppbv	TO-15
o-Xylene		0.44 J	0.80	0.31	ppbv	TO-15
Xylenes (total)		1.7	0.80	0.31	ppbv	TO-15
Acetone (2-Propanone)		79.6	1.9	1.4	ug/m3	TO-15
Benzene		2.5 J	2.6	0.80	ug/m3	TO-15
Carbon disulfide		38.3	2.5	0.56	ug/m3	TO-15
1,1-Dichloroethane		20	3.2	0.93	ug/m3	TO-15
1,1-Dichloroethylene		6.7	0.63	0.95	ug/m3	TO-15
1,4-Dioxane		19	2.9	1.7	ug/m3	TO-15
Dichlorodifluoromethane		39	4.0	0.64	ug/m3	TO-15
Ethanol		21.1	3.8	3.0	ug/m3	TO-15
Ethylbenzene		2.4 J	3.5	1.0	ug/m3	TO-15
Ethyl Acetate		4.0	2.9	1.5	ug/m3	TO-15
Heptane		7.4	3.3	1.5	ug/m3	TO-15
Hexane		9.9	2.8	1.6	ug/m3	TO-15
Isopropyl Alcohol		42.5	2.0	1.4	ug/m3	TO-15
Methylene chloride		17	2.8	0.76	ug/m3	TO-15
Methyl ethyl ketone		11	2.4	1.3	ug/m3	TO-15
Methyl Isobutyl Ketone		4.5	3.3	1.2	ug/m3	TO-15
1,1,1-Trichloroethane		195	2.2	0.82	ug/m3	TO-15

Summary of Hits

Job Number: JD56955
Account: SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY
Collected: 12/09/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
2,2,4-Trimethylpentane		2.4 J	3.7	1.8	ug/m3	TO-15
Tertiary Butyl Alcohol		8.5	2.4	1.1	ug/m3	TO-15
Tetrachloroethylene		14	1.1	0.38	ug/m3	TO-15
Toluene		21	3.0	0.87	ug/m3	TO-15
m,p-Xylene		5.6	3.5	2.4	ug/m3	TO-15
o-Xylene		1.9 J	3.5	1.3	ug/m3	TO-15
Xylenes (total)		7.4	3.5	1.3	ug/m3	TO-15
JD56955-3	**IA-1**					
Acetone (2-Propanone)		1.5	0.16	0.12	ppbv	TO-15
Benzene		0.37	0.16	0.050	ppbv	TO-15
Chloromethane		0.51	0.16	0.072	ppbv	TO-15
Carbon tetrachloride		0.082	0.032	0.032	ppbv	TO-15
Cyclohexane		0.26	0.16	0.088	ppbv	TO-15
Dichlorodifluoromethane		0.49	0.16	0.026	ppbv	TO-15
Ethanol		6.3	0.40	0.32	ppbv	TO-15
Ethylbenzene		0.32	0.16	0.049	ppbv	TO-15
4-Ethyltoluene		0.087 J	0.16	0.076	ppbv	TO-15
Heptane		0.36	0.16	0.074	ppbv	TO-15
Hexane		0.29	0.16	0.090	ppbv	TO-15
Isopropyl Alcohol		0.29	0.16	0.11	ppbv	TO-15
Methylene chloride		0.18	0.16	0.045	ppbv	TO-15
Methyl ethyl ketone		0.19	0.16	0.088	ppbv	TO-15
Propylene		1.1	0.40	0.11	ppbv	TO-15
1,2,4-Trimethylbenzene		0.26	0.16	0.070	ppbv	TO-15
1,3,5-Trimethylbenzene		0.081 J	0.16	0.064	ppbv	TO-15
2,2,4-Trimethylpentane		0.56	0.16	0.076	ppbv	TO-15
Tetrachloroethylene		0.030 J	0.032	0.011	ppbv	TO-15
Toluene		1.1	0.16	0.046	ppbv	TO-15
Trichlorofluoromethane		0.25	0.080	0.029	ppbv	TO-15
m,p-Xylene		0.88	0.16	0.11	ppbv	TO-15
o-Xylene		0.36	0.16	0.062	ppbv	TO-15
Xylenes (total)		1.2	0.16	0.062	ppbv	TO-15
Acetone (2-Propanone)		3.6	0.38	0.29	ug/m3	TO-15
Benzene		1.2	0.51	0.16	ug/m3	TO-15
Chloromethane		1.1	0.33	0.15	ug/m3	TO-15
Carbon tetrachloride		0.52	0.20	0.20	ug/m3	TO-15
Cyclohexane		0.89	0.55	0.30	ug/m3	TO-15
Dichlorodifluoromethane		2.4	0.79	0.13	ug/m3	TO-15
Ethanol		12	0.75	0.60	ug/m3	TO-15
Ethylbenzene		1.4	0.69	0.21	ug/m3	TO-15
4-Ethyltoluene		0.43 J	0.79	0.37	ug/m3	TO-15
Heptane		1.5	0.66	0.30	ug/m3	TO-15
Hexane		1.0	0.56	0.32	ug/m3	TO-15

Summary of Hits

Job Number: JD56955
Account: SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY
Collected: 12/09/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Isopropyl Alcohol		0.71	0.39	0.27	ug/m3	TO-15
Methylene chloride		0.63	0.56	0.16	ug/m3	TO-15
Methyl ethyl ketone		0.56	0.47	0.26	ug/m3	TO-15
Propylene		1.9	0.69	0.19	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.3	0.79	0.34	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.40 J	0.79	0.31	ug/m3	TO-15
2,2,4-Trimethylpentane		2.6	0.75	0.35	ug/m3	TO-15
Tetrachloroethylene		0.20 J	0.22	0.075	ug/m3	TO-15
Toluene		4.1	0.60	0.17	ug/m3	TO-15
Trichlorofluoromethane		1.4	0.45	0.16	ug/m3	TO-15
m,p-Xylene		3.8	0.69	0.48	ug/m3	TO-15
o-Xylene		1.6	0.69	0.27	ug/m3	TO-15
Xylenes (total)		5.2	0.69	0.27	ug/m3	TO-15
JD56955-4	**IA-2**					
Acetone (2-Propanone)		1.9	0.16	0.12	ppbv	TO-15
Benzene		0.42	0.16	0.050	ppbv	TO-15
Chloromethane		0.49	0.16	0.072	ppbv	TO-15
Carbon tetrachloride		0.083	0.032	0.032	ppbv	TO-15
Cyclohexane		0.12 J	0.16	0.088	ppbv	TO-15
Dichlorodifluoromethane		0.49	0.16	0.026	ppbv	TO-15
Ethanol		7.4	0.40	0.32	ppbv	TO-15
Ethylbenzene		0.18	0.16	0.049	ppbv	TO-15
Heptane		0.12 J	0.16	0.074	ppbv	TO-15
Hexane		0.19	0.16	0.090	ppbv	TO-15
Isopropyl Alcohol		2.1	0.16	0.11	ppbv	TO-15
Methylene chloride		0.20	0.16	0.045	ppbv	TO-15
Methyl ethyl ketone		0.12 J	0.16	0.088	ppbv	TO-15
Propylene		1.5	0.40	0.11	ppbv	TO-15
1,2,4-Trimethylbenzene		0.12 J	0.16	0.070	ppbv	TO-15
2,2,4-Trimethylpentane		0.20	0.16	0.076	ppbv	TO-15
Tetrachloroethylene		0.11	0.032	0.011	ppbv	TO-15
Toluene		0.62	0.16	0.046	ppbv	TO-15
Trichlorofluoromethane		0.26	0.080	0.029	ppbv	TO-15
m,p-Xylene		0.51	0.16	0.11	ppbv	TO-15
o-Xylene		0.19	0.16	0.062	ppbv	TO-15
Xylenes (total)		0.70	0.16	0.062	ppbv	TO-15
Acetone (2-Propanone)		4.5	0.38	0.29	ug/m3	TO-15
Benzene		1.3	0.51	0.16	ug/m3	TO-15
Chloromethane		1.0	0.33	0.15	ug/m3	TO-15
Carbon tetrachloride		0.52	0.20	0.20	ug/m3	TO-15
Cyclohexane		0.41 J	0.55	0.30	ug/m3	TO-15
Dichlorodifluoromethane		2.4	0.79	0.13	ug/m3	TO-15
Ethanol		14	0.75	0.60	ug/m3	TO-15

Summary of Hits

Job Number: JD56955
Account: SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY
Collected: 12/09/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene		0.78	0.69	0.21	ug/m3	TO-15
Heptane		0.49 J	0.66	0.30	ug/m3	TO-15
Hexane		0.67	0.56	0.32	ug/m3	TO-15
Isopropyl Alcohol		5.2	0.39	0.27	ug/m3	TO-15
Methylene chloride		0.69	0.56	0.16	ug/m3	TO-15
Methyl ethyl ketone		0.35 J	0.47	0.26	ug/m3	TO-15
Propylene		2.6	0.69	0.19	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.59 J	0.79	0.34	ug/m3	TO-15
2,2,4-Trimethylpentane		0.93	0.75	0.35	ug/m3	TO-15
Tetrachloroethylene		0.75	0.22	0.075	ug/m3	TO-15
Toluene		2.3	0.60	0.17	ug/m3	TO-15
Trichlorofluoromethane		1.5	0.45	0.16	ug/m3	TO-15
m,p-Xylene		2.2	0.69	0.48	ug/m3	TO-15
o-Xylene		0.83	0.69	0.27	ug/m3	TO-15
Xylenes (total)		3.0	0.69	0.27	ug/m3	TO-15

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID: SV-1
Lab Sample ID: JD56955-1
Matrix: AIR - Soil Vapor Comp. Summa ID: A1907
Method: TO-15
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/09/22
Date Received: 12/09/22
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W78399.D	1	12/14/22 02:04	TCH	n/a	n/a	V3W3087
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	11.4	0.80	0.58	ppbv		27.1	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	2.3	0.80	0.25	ppbv		7.3	2.6	0.80	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride [a]	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	1.8	0.80	0.18	ppbv		5.6	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	2.3	0.80	0.15	ppbv		11	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	0.44	0.80	0.36	ppbv	J	0.91	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	0.65	0.80	0.44	ppbv	J	2.2	2.8	1.5	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.39	ppbv		ND	3.1	3.0	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.47	ppbv		ND	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	20.7	0.80	0.13	ppbv		102	4.0	0.64	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.31	ppbv		ND	0.63	1.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.62	ppbv		ND	0.96	3.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.76	ppbv		ND	2.4	4.6	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-1
Lab Sample ID: JD56955-1
Matrix: AIR - Soil Vapor Comp. Summa ID: A1907
Method: TO-15
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/09/22
Date Received: 12/09/22
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	42.6	2.0	1.6	ppbv		80.3	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	1.5	0.80	0.24	ppbv		6.5	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.42	ppbv		ND	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	1.6	0.80	0.37	ppbv		6.6	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene [b]	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	9.1	0.80	0.45	ppbv		32	2.8	1.6	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	3.6	0.80	0.56	ppbv		8.8	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	6.4	0.80	0.22	ppbv		22	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.1	0.80	0.44	ppbv		6.2	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.47	ppbv		ND	3.4	2.0	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	0.46	0.80	0.35	ppbv	J	2.3	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.38	ppbv		ND	3.7	1.8	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.93	0.80	0.37	ppbv		2.8	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	3.1	0.80	0.23	ppbv		12	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	0.19	0.16	0.076	ppbv		1.0	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.53	0.40	0.14	ppbv		3.0	2.2	0.79	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	4.6	0.80	0.56	ppbv		20	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	1.5	0.80	0.31	ppbv		6.5	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	6.2	0.80	0.31	ppbv		27	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-1		
Lab Sample ID:	JD56955-1	**Date Sampled:**	12/09/22
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1907	**Date Received:**	12/09/22
Method:	TO-15	**Percent Solids:**	n/a
Project:	100 Main Steet, White Plains, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: SV-2
Lab Sample ID: JD56955-2
Matrix: AIR - Soil Vapor Comp. Summa ID: A1528
Method: TO-15
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/09/22
Date Received: 12/09/22
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W78400.D	1	12/14/22 02:45	TCH	n/a	n/a	V3W3087
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	33.5	0.80	0.58	ppbv		79.6	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	0.77	0.80	0.25	ppbv	J	2.5	2.6	0.80	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride [a]	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	12.3	0.80	0.18	ppbv		38.3	2.5	0.56	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.44	ppbv		ND	2.8	1.5	ug/m3
75-34-3	98.96	1,1-Dichloroethane	4.9	0.80	0.23	ppbv		20	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	1.7	0.16	0.24	ppbv		6.7	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.39	ppbv		ND	3.1	3.0	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	5.3	0.80	0.47	ppbv		19	2.9	1.7	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	7.8	0.80	0.13	ppbv		39	4.0	0.64	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.40	0.21	ppbv		ND	3.4	1.8	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.31	ppbv		ND	0.63	1.2	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.16	ppbv		ND	2.4	0.96	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.62	ppbv		ND	0.96	3.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.76	ppbv		ND	2.4	4.6	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-2
Lab Sample ID: JD56955-2
Matrix: AIR - Soil Vapor Comp. Summa ID: A1528
Method: TO-15
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/09/22
Date Received: 12/09/22
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	11.2	2.0	1.6	ppbv		21.1	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	0.55	0.80	0.24	ppbv	J	2.4	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	1.1	0.80	0.42	ppbv		4.0	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	1.8	0.80	0.37	ppbv		7.4	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene [b]	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	2.8	0.80	0.45	ppbv		9.9	2.8	1.6	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	17.3	0.80	0.56	ppbv		42.5	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	4.9	0.80	0.22	ppbv		17	2.8	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.7	0.80	0.44	ppbv		11	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	1.1	0.80	0.29	ppbv		4.5	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.47	ppbv		ND	3.4	2.0	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	35.7	0.40	0.15	ppbv		195	2.2	0.82	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.51	0.80	0.38	ppbv	J	2.4	3.7	1.8	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.8	0.80	0.37	ppbv		8.5	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	2.1	0.16	0.056	ppbv		14	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	5.7	0.80	0.23	ppbv		21	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.14	ppbv		ND	2.2	0.79	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	1.3	0.80	0.56	ppbv		5.6	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	0.44	0.80	0.31	ppbv	J	1.9	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	1.7	0.80	0.31	ppbv		7.4	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-2		
Lab Sample ID:	JD56955-2	**Date Sampled:**	12/09/22
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1528	**Date Received:**	12/09/22
Method:	TO-15	**Percent Solids:**	n/a
Project:	100 Main Steet, White Plains, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: IA-1
Lab Sample ID: JD56955-3
Matrix: AIR - Indoor Air Comp. Summa ID: A1871
Method: TO-15
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/09/22
Date Received: 12/09/22
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W78401.D	1	12/14/22 03:33	TCH	n/a	n/a	V3W3087
Run #2							

	Initial Volume
Run #1	500 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	1.5	0.16	0.12	ppbv		3.6	0.38	0.29	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.16	0.067	ppbv		ND	0.35	0.15	ug/m3
71-43-2	78.11	Benzene	0.37	0.16	0.050	ppbv		1.2	0.51	0.16	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.080	0.024	ppbv		ND	0.54	0.16	ug/m3
75-25-2	252.8	Bromoform	ND	0.032	0.057	ppbv		ND	0.33	0.59	ug/m3
74-83-9	94.94	Bromomethane	ND	0.16	0.055	ppbv		ND	0.62	0.21	ug/m3
593-60-2	106.9	Bromoethene	ND	0.16	0.049	ppbv		ND	0.70	0.21	ug/m3
100-44-7	126	Benzyl Chloride [a]	ND	0.16	0.10	ppbv		ND	0.82	0.52	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.16	0.036	ppbv		ND	0.50	0.11	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.16	0.059	ppbv		ND	0.74	0.27	ug/m3
75-00-3	64.52	Chloroethane	ND	0.16	0.054	ppbv		ND	0.42	0.14	ug/m3
67-66-3	119.4	Chloroform	ND	0.16	0.030	ppbv		ND	0.78	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.51	0.16	0.072	ppbv		1.1	0.33	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.16	0.066	ppbv		ND	0.50	0.21	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.16	0.058	ppbv		ND	0.83	0.30	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.082	0.032	0.032	ppbv		0.52	0.20	0.20	ug/m3
110-82-7	84.16	Cyclohexane	0.26	0.16	0.088	ppbv		0.89	0.55	0.30	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.16	0.046	ppbv		ND	0.65	0.19	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.032	0.047	ppbv		ND	0.13	0.19	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.080	0.078	ppbv		ND	0.61	0.60	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.16	0.056	ppbv		ND	0.65	0.23	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.16	0.050	ppbv		ND	0.74	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.16	0.094	ppbv		ND	0.58	0.34	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.49	0.16	0.026	ppbv		2.4	0.79	0.13	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.080	0.042	ppbv		ND	0.68	0.36	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.16	0.055	ppbv		ND	0.63	0.22	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.032	0.062	ppbv		ND	0.13	0.25	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.16	0.050	ppbv		ND	0.73	0.23	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.080	0.032	ppbv		ND	0.48	0.19	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.032	0.12	ppbv		ND	0.19	0.72	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.080	0.15	ppbv		ND	0.48	0.90	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.16	0.081	ppbv		ND	0.73	0.37	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-1
Lab Sample ID: JD56955-3
Matrix: AIR - Indoor Air Comp. Summa ID: A1871
Method: TO-15
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/09/22
Date Received: 12/09/22
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	6.3	0.40	0.32	ppbv		12	0.75	0.60	ug/m3
100-41-4	106.2	Ethylbenzene	0.32	0.16	0.049	ppbv		1.4	0.69	0.21	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.16	0.083	ppbv		ND	0.58	0.30	ug/m3
622-96-8	120.19	4-Ethyltoluene	0.087	0.16	0.076	ppbv	J	0.43	0.79	0.37	ug/m3
76-13-1	187.4	Freon 113	ND	0.080	0.025	ppbv		ND	0.61	0.19	ug/m3
76-14-2	170.9	Freon 114	ND	0.080	0.040	ppbv		ND	0.56	0.28	ug/m3
142-82-5	100.2	Heptane	0.36	0.16	0.074	ppbv		1.5	0.66	0.30	ug/m3
87-68-3	260.8	Hexachlorobutadiene [b]	ND	0.072	0.050	ppbv		ND	0.77	0.53	ug/m3
110-54-3	86.18	Hexane	0.29	0.16	0.090	ppbv		1.0	0.56	0.32	ug/m3
591-78-6	100	2-Hexanone	ND	0.16	0.12	ppbv		ND	0.65	0.49	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.29	0.16	0.11	ppbv		0.71	0.39	0.27	ug/m3
75-09-2	84.94	Methylene chloride	0.18	0.16	0.045	ppbv		0.63	0.56	0.16	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.19	0.16	0.088	ppbv		0.56	0.47	0.26	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.16	0.058	ppbv		ND	0.66	0.24	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.16	0.064	ppbv		ND	0.58	0.23	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.16	0.056	ppbv		ND	0.66	0.23	ug/m3
115-07-1	42	Propylene	1.1	0.40	0.11	ppbv		1.9	0.69	0.19	ug/m3
100-42-5	104.1	Styrene	ND	0.16	0.094	ppbv		ND	0.68	0.40	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.080	0.030	ppbv		ND	0.44	0.16	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.080	0.038	ppbv		ND	0.55	0.26	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.080	0.030	ppbv		ND	0.44	0.16	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.080	0.097	ppbv		ND	0.59	0.72	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	0.26	0.16	0.070	ppbv		1.3	0.79	0.34	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	0.081	0.16	0.064	ppbv	J	0.40	0.79	0.31	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.56	0.16	0.076	ppbv		2.6	0.75	0.35	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.16	0.074	ppbv		ND	0.49	0.22	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.030	0.032	0.011	ppbv	J	0.20	0.22	0.075	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.16	0.072	ppbv		ND	0.47	0.21	ug/m3
108-88-3	92.14	Toluene	1.1	0.16	0.046	ppbv		4.1	0.60	0.17	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.032	0.015	ppbv		ND	0.17	0.081	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.25	0.080	0.029	ppbv		1.4	0.45	0.16	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.032	0.055	ppbv		ND	0.082	0.14	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.16	0.090	ppbv		ND	0.56	0.32	ug/m3
	106.2	m,p-Xylene	0.88	0.16	0.11	ppbv		3.8	0.69	0.48	ug/m3
95-47-6	106.2	o-Xylene	0.36	0.16	0.062	ppbv		1.6	0.69	0.27	ug/m3
1330-20-7	106.2	Xylenes (total)	1.2	0.16	0.062	ppbv		5.2	0.69	0.27	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA-1		
Lab Sample ID:	JD56955-3	**Date Sampled:**	12/09/22
Matrix:	AIR - Indoor Air Comp. Summa ID: A1871	**Date Received:**	12/09/22
Method:	TO-15	**Percent Solids:**	n/a
Project:	100 Main Steet, White Plains, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: IA-2
Lab Sample ID: JD56955-4
Matrix: AIR - Indoor Air Comp. Summa ID: M150
Method: TO-15
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/09/22
Date Received: 12/09/22
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W78402.D	1	12/14/22 04:21	TCH	n/a	n/a	V3W3087
Run #2							

	Initial Volume
Run #1	500 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	1.9	0.16	0.12	ppbv		4.5	0.38	0.29	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.16	0.067	ppbv		ND	0.35	0.15	ug/m3
71-43-2	78.11	Benzene	0.42	0.16	0.050	ppbv		1.3	0.51	0.16	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.080	0.024	ppbv		ND	0.54	0.16	ug/m3
75-25-2	252.8	Bromoform	ND	0.032	0.057	ppbv		ND	0.33	0.59	ug/m3
74-83-9	94.94	Bromomethane	ND	0.16	0.055	ppbv		ND	0.62	0.21	ug/m3
593-60-2	106.9	Bromoethene	ND	0.16	0.049	ppbv		ND	0.70	0.21	ug/m3
100-44-7	126	Benzyl Chloride [a]	ND	0.16	0.10	ppbv		ND	0.82	0.52	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.16	0.036	ppbv		ND	0.50	0.11	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.16	0.059	ppbv		ND	0.74	0.27	ug/m3
75-00-3	64.52	Chloroethane	ND	0.16	0.054	ppbv		ND	0.42	0.14	ug/m3
67-66-3	119.4	Chloroform	ND	0.16	0.030	ppbv		ND	0.78	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.49	0.16	0.072	ppbv		1.0	0.33	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.16	0.066	ppbv		ND	0.50	0.21	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.16	0.058	ppbv		ND	0.83	0.30	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.083	0.032	0.032	ppbv		0.52	0.20	0.20	ug/m3
110-82-7	84.16	Cyclohexane	0.12	0.16	0.088	ppbv	J	0.41	0.55	0.30	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.16	0.046	ppbv		ND	0.65	0.19	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.032	0.047	ppbv		ND	0.13	0.19	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.080	0.078	ppbv		ND	0.61	0.60	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.16	0.056	ppbv		ND	0.65	0.23	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.16	0.050	ppbv		ND	0.74	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.16	0.094	ppbv		ND	0.58	0.34	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.49	0.16	0.026	ppbv		2.4	0.79	0.13	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.080	0.042	ppbv		ND	0.68	0.36	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.16	0.055	ppbv		ND	0.63	0.22	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.032	0.062	ppbv		ND	0.13	0.25	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.16	0.050	ppbv		ND	0.73	0.23	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.080	0.032	ppbv		ND	0.48	0.19	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.032	0.12	ppbv		ND	0.19	0.72	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.080	0.15	ppbv		ND	0.48	0.90	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.16	0.081	ppbv		ND	0.73	0.37	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA-2
Lab Sample ID: JD56955-4
Matrix: AIR - Indoor Air Comp. Summa ID: M150
Method: TO-15
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/09/22
Date Received: 12/09/22
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	7.4	0.40	0.32	ppbv		14	0.75	0.60	ug/m3
100-41-4	106.2	Ethylbenzene	0.18	0.16	0.049	ppbv		0.78	0.69	0.21	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.16	0.083	ppbv		ND	0.58	0.30	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.16	0.076	ppbv		ND	0.79	0.37	ug/m3
76-13-1	187.4	Freon 113	ND	0.080	0.025	ppbv		ND	0.61	0.19	ug/m3
76-14-2	170.9	Freon 114	ND	0.080	0.040	ppbv		ND	0.56	0.28	ug/m3
142-82-5	100.2	Heptane	0.12	0.16	0.074	ppbv	J	0.49	0.66	0.30	ug/m3
87-68-3	260.8	Hexachlorobutadiene [b]	ND	0.072	0.050	ppbv		ND	0.77	0.53	ug/m3
110-54-3	86.18	Hexane	0.19	0.16	0.090	ppbv		0.67	0.56	0.32	ug/m3
591-78-6	100	2-Hexanone	ND	0.16	0.12	ppbv		ND	0.65	0.49	ug/m3
67-63-0	60.1	Isopropyl Alcohol	2.1	0.16	0.11	ppbv		5.2	0.39	0.27	ug/m3
75-09-2	84.94	Methylene chloride	0.20	0.16	0.045	ppbv		0.69	0.56	0.16	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.12	0.16	0.088	ppbv	J	0.35	0.47	0.26	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.16	0.058	ppbv		ND	0.66	0.24	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.16	0.064	ppbv		ND	0.58	0.23	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.16	0.056	ppbv		ND	0.66	0.23	ug/m3
115-07-1	42	Propylene	1.5	0.40	0.11	ppbv		2.6	0.69	0.19	ug/m3
100-42-5	104.1	Styrene	ND	0.16	0.094	ppbv		ND	0.68	0.40	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.080	0.030	ppbv		ND	0.44	0.16	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.080	0.038	ppbv		ND	0.55	0.26	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.080	0.030	ppbv		ND	0.44	0.16	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.080	0.097	ppbv		ND	0.59	0.72	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	0.12	0.16	0.070	ppbv	J	0.59	0.79	0.34	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.16	0.064	ppbv		ND	0.79	0.31	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.20	0.16	0.076	ppbv		0.93	0.75	0.35	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.16	0.074	ppbv		ND	0.49	0.22	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.11	0.032	0.011	ppbv		0.75	0.22	0.075	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.16	0.072	ppbv		ND	0.47	0.21	ug/m3
108-88-3	92.14	Toluene	0.62	0.16	0.046	ppbv		2.3	0.60	0.17	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.032	0.015	ppbv		ND	0.17	0.081	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.26	0.080	0.029	ppbv		1.5	0.45	0.16	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.032	0.055	ppbv		ND	0.082	0.14	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.16	0.090	ppbv		ND	0.56	0.32	ug/m3
	106.2	m,p-Xylene	0.51	0.16	0.11	ppbv		2.2	0.69	0.48	ug/m3
95-47-6	106.2	o-Xylene	0.19	0.16	0.062	ppbv		0.83	0.69	0.27	ug/m3
1330-20-7	106.2	Xylenes (total)	0.70	0.16	0.062	ppbv		3.0	0.69	0.27	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA-2		
Lab Sample ID:	JD56955-4	**Date Sampled:**	12/09/22
Matrix:	AIR - Indoor Air Comp. Summa ID: M150	**Date Received:**	12/09/22
Method:	TO-15	**Percent Solids:**	n/a
Project:	100 Main Steet, White Plains, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log
- Sample Tracking Chronicle
- 2021 MDL Study - Method: TO-15

SGS

Air

CHAIN OF CUSTODY - AIR

PAGE 1 OF 1

SGS North America Inc. - Dayton
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TEL. 732-329-0200 FAX 732-329-3499
www.sgs.com/ehsusa

FED-EX Tracking #:
Bottle Order Control #: KR-111782-179
SGS Quote #:
SGS Job #: JD56955

Client / Reporting Information

Company Name: SESI Consulting Engineers
Address: 959 Rt 46 NJ
City: Parsippany State: Zip: jcs@sesi.org
Project Contact: Jon Stuart E-mail:
Phone #: 973 808 9050
Sampler(s) Name(s):

Project Information

Project Name: White Plains Mall
Street: 100 Main street NY
City: White Plains State:
Project #: 12461
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit)
Start: 37 Maximum: 44
Stop: 44 Minimum: 33
Atmoshpheric Pressure (inches of Hg)
Start: 30.30 Maximum: 30.30
Stop: 30.26 Minimum: 30.26
Other weather comment:

Requested Analysis

TO-15

Lab Sample #	Field ID / Point of Collection	Air Type: Ind (I) Soil Vap (SV) Amb (A)	Air Type: Res (R) Non-Res (NR)	Sampling Equipment Info: Canister Serial #	Sampling Equipment Info: Canister Size 6L or 1L	Sampling Equipment Info: Flow Controller Serial #	Start Sampling Information: Date	Start: Time (24hr clock)	Start: Canister Pressure ("Hg)	Start: Interior Temp (F)	Start: Sampler Init.	Stop Sampling Information: Date	Stop: Time (24hr clock)	Stop: Canister Pressure ("Hg)	Stop: Interior Temp (F)	Stop: Sampler Init.	TO-15
1	SV-1	SV	R	A1007	1L	FC751	12/9/2022	1037	26.0	38	SW6	12/9/2022	1042	4.5	38	SW6	X
2	SV-2	SV	R	A1528	1L	FC758	"	1102	28.0	54	SW6	"	1107	2.5	54	SW6	X
3	IA-1	I	R	A1871	6L	MC230	"	1035	26.8	38	SW6	"	1105	2.0	38	SW6	X
4	IA-2	I	R	M150	6L	FC533	"	11:00	29.5	54	SW6	"	1130	4.0	54	SW6	X

Turnaround Time (Business days)

- 15 Business Days
- 10 Business Days
- X 5 Business Days
- 3 Business Days *
- 2 Business Days *
- 1 Business Day
- X Other Standard

Approved By:
Date:
* Approval needed for 1-3 Business Day TAT

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1
Comm A
Comm B
Reduced T2
Full T1 X
Other:
DKQP reporting

Comments / Remarks

Billing to Renaissance galleria environmental management LLC
Contact Kevin McManus for billing

Sample inventory is verified upon receipt in the Laboratory

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Laboratory: 1	Date / Time:	Received By: 1	Relinquished By: 2	Date / Time:	Received By: 2
Relinquished by: 3 Shannon Grogan	Date / Time: 12/9/2022 1630	Received By: 3	Relinquished By: 3	Date / Time: 12/9/22 18:28	Received By: 4
Relinquished by: 5	Date / Time:	Received By: 5	Custody Seal #		

http://www.sgs.com/en/terms-and-conditions

SGS COURIER Initial Assessment Final Verification

EHSA-QAC-0022-01-FORM-Dayton-Air COC
Rev.date:1/15/2021

5.1 5

SGS Sample Receipt Summary

Job Number: JD56955 **Client:** SESI CONSULTING ENGINEERS **Project:** 100 MAIN STEET, WHITE PLAINS, NY

Date / Time Received: 12/9/2022 6:28:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☐		☐
2. Cooler temp verification:	N/A		
3. Cooler media:	N/A		
4. No. Coolers:	N/A		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Summa Canister and Flow Controller Log

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY
Received: 12/09/22

SUMMA CANISTERS

Shipping							Receiving					
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A1907	1.4	29.4	11/17/22	ML	CP11938	6W27003.D	JD56955-1	12/12/22	DG	7.5			1
A1528	1.4	29.4	11/17/22	ML	CP11938	6W27003.D	JD56955-2	12/12/22	DG	4.5			1
A1871	6	29.4	11/17/22	ML	CP11947	6W26980.D	JD56955-3	12/12/22	DG	0			1
M150	6	29.4	11/17/22	ML	CP11920	6W26859.D	JD56955-4	12/12/22	DG	2.5			1

FLOW CONTROLLERS / OTHER

Shipping					Receiving				
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	Flow RPD	Equipment Type
FC533	11/17/22	ML	166	.5	12/13/22	DG	168	1.2	Flow Controller
FC751	11/17/22	ML	188	.0833	12/13/22	DG	192	2.1	Flow Controller
FC758	11/17/22	ML	189	.0833	12/13/22	DG	188	0.5	Flow Controller
MC230	11/17/22	ML	168	.5	12/13/22	DG	170	1.2	Flow Controller

SGS Bottle Order(s):
KR-111722-179

Prep Date	Room Temp(F)	Bar Pres "Hg
11/17/22	70	29.92

Internal Sample Tracking Chronicle

SESI Consulting Engineers

Job No: JD56955

100 Main Steet, White Plains, NY
Project No: 12461

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD56955-1 SV-1	Collected: 09-DEC-22 10:42 By: SWG		Received: 09-DEC-22 By: JR			
JD56955-1	TO-15	14-DEC-22 02:04	TCH			VTO15NYSVLL
JD56955-2 SV-2	Collected: 09-DEC-22 11:07 By: SWG		Received: 09-DEC-22 By: JR			
JD56955-2	TO-15	14-DEC-22 02:45	TCH			VTO15NYSVLL
JD56955-3 IA-1	Collected: 09-DEC-22 11:05 By: SWG		Received: 09-DEC-22 By: JR			
JD56955-3	TO-15	14-DEC-22 03:33	TCH			VTO15NYLL
JD56955-4 IA-2	Collected: 09-DEC-22 11:30 By: SWG		Received: 09-DEC-22 By: JR			
JD56955-4	TO-15	14-DEC-22 04:21	TCH			VTO15NYLL

SGS North America Inc.-Dayton laboratory
TO-15 FINAL MDL for 2020-2021

METHOD	RI	LOGINNUM	SPEC_MAT	SAMPLENUM	CLIENTID	MEASUREDATE	INSTRUME	PARM_STO	PARM_SYN	FINAL MDL	RDLVALUE	COMMENT	UNITS
TO-15		JD18443D	STYA	JD18443D-4D	MDLV : 0.04 PPBV 2W	12/30/21 4:00	GCMS2W	120-82-1	1,2,4-Trichlorobenzene	0.121	0.2	2W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-4D	MDLV : 0.04 PPBV 2W	12/30/21 4:00	GCMS2W	541-73-1	m-Dichlorobenzene	0.04	0.2	2W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-4D	MDLV : 0.04 PPBV 2W	12/30/21 4:00	GCMS2W	91-20-3	Naphthalene	0.127	0.2	2W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-4D	MDLV : 0.04 PPBV 2W	12/30/21 4:00	GCMS2W	127-18-4	Tetrachloroethylene	0.014	0.04	2W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-4D	MDLV : 0.04 PPBV 2W	12/30/21 4:00	GCMS2W	79-01-6	Trichloroethylene	0.019	0.04	2W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	630-20-6	1,1,1,2-Tetrachloroethane	0.042	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	71-55-6	1,1,1-Trichloroethane	0.037	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	79-34-5	1,1,2,2-Tetrachloroethane	0.048	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	79-00-5	1,1,2-Trichloroethane	0.038	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	75-34-3	1,1-Dichloroethane	0.057	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	75-35-4	1,1-Dichloroethylene	0.059	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	96-18-4	1,2,3-Trichloropropane	0.05	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	526-73-8	1,2,3-Trimethylbenzene	0.099	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	95-63-6	1,2,4-Trimethylbenzene	0.087	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	106-93-4	1,2-Dibromoethane (EDB)	0.097	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	107-06-2	1,2-Dichloroethane	0.07	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	78-87-5	1,2-Dichloropropane	0.062	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	108-67-8	1,3,5-Trimethylbenzene	0.062	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	106-99-0	1,3-Butadiene	0.084	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	142-28-9	1,3-Dichloropropane	0.057	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	123-91-1	1,4-Dioxane	0.117	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	540-84-1	2,2,4-Trimethylpentane	0.095	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	565-59-3	2,3-Dimethylpentane	0.089	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	108-08-7	2,4-Dimethylpentane	0.104	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	95-49-8	2-Chlorotoluene	0.072	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	591-78-6	2-Hexanone	0.145	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	107-05-1	3-Chloropropene	0.083	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	622-96-8	4-Ethyltoluene	0.095	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	67-64-1	Acetone (2-Propanone)	0.145	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	75-05-8	Acetonitrile	0.171	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	107-02-8	Acrolein	0.0883	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	107-13-1	Acrylonitrile	0.091	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	71-43-2	Benzene	0.062	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	100-44-7	Benzyl Chloride	0.125	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	108-86-1	Bromobenzene	0.154	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	75-27-4	Bromodichloromethane	0.03	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	593-60-2	Bromoethene	0.061	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	75-25-2	Bromoform	0.071	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	74-83-9	Bromomethane	0.069	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	75-15-0	Carbon disulfide	0.045	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	56-23-5	Carbon tetrachloride	0.04	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	108-90-7	Chlorobenzene	0.074	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	75-45-6	Chlorodifluoromethane	0.106	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	75-00-3	Chloroethane	0.068	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	67-66-3	Chloroform	0.037	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	74-87-3	Chloromethane	0.09	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	79-38-9	Chlorotrifluoroethene	0.024	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	156-59-2	cis-1,2-Dichloroethylene	0.077	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	10061-01-5	cis-1,3-Dichloropropene	0.062	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	110-82-7	Cyclohexane	0.11	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	124-48-1	Dibromochloromethane	0.052	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	74-95-3	Dibromomethane	0.053	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	75-71-8	Dichlorodifluoromethane	0.032	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	75-43-4	Dichlorofluoromethane	0.066	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	108-20-3	Di-isopropyl ether	0.082	0.2	5W Q-4	I ppbv
TO-15		JD18443D	STYA	JD18443D-2F	MDLV : 0.2 PPBV 5W	12/30/21 5:36	GCMS5W	64-17-5	Ethanol	0.394	0.5	5W Q-4	I ppbv

TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	141-78-6	Ethyl Acetate	0.104	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	140-88-5	Ethyl Acrylate	0.105	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	100-41-4	Ethylbenzene	0.061	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	76-13-1	Freon 113	0.031	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	76-14-2	Freon 114	0.05	0.2	5W	Q-4	I	ppbv
TO-15	JD18443B	STYA	JD18443B-1F	MDLV : 0.2	PPBV	3W	4/27/21	5:01	GCMS3W	76-15-3	Freon 115	0.0077	0.2	3W	Q-2	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	306-83-2	Freon 123	0.083	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	354-23-4	Freon 123A	0.068	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	75-68-3	Freon 142B	0.07	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	75-37-6	Freon 152A	0.06	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	142-82-5	Heptane	0.092	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	87-68-3	Hexachlorobutadiene	0.062	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	67-72-1	Hexachloroethane	0.082	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	110-54-3	Hexane	0.112	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	74-88-4	Iodomethane	0.037	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	67-63-0	Isopropyl Alcohol	0.187	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	98-82-8	Isopropylbenzene	0.064	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	M,P-XYLEN	m,p-Xylene	0.139	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	78-93-3	Methyl ethyl ketone	0.11	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	108-10-1	Methyl Isobutyl Ketone	0.073	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	1634-04-4	Methyl Tert Butyl Ether	0.08	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	75-09-2	Methylene chloride	0.056	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	80-62-6	Methylmethacrylate	0.07	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	106-97-8	n-Butane	0.106	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	104-51-8	n-Butylbenzene	0.106	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	111-84-2	Nonane	0.1	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	103-65-1	n-Propylbenzene	0.091	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	111-65-9	Octane	0.12	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	95-50-1	o-Dichlorobenzene	0.154	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	95-47-6	o-Xylene	0.077	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	106-46-7	p-Dichlorobenzene	0.191	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	109-66-0	Pentane	0.138	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	99-87-6	p-Isopropyltoluene	0.08	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	115-07-1	Propylene	0.142	0.5	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	135-98-8	sec-Butylbenzene	0.081	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	100-42-5	Styrene	0.118	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	98-06-6	tert-Butylbenzene	0.083	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	75-65-0	Tertiary Butyl Alcohol	0.093	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	109-99-9	Tetrahydrofuran	0.09	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	108-88-3	Toluene	0.057	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	156-60-5	trans-1,2-Dichloroethylene	0.069	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	10061-02-6	trans-1,3-Dichloropropene	0.101	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	75-69-4	Trichlorofluoromethane	0.036	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	TVHC AS EC	TVHC As Equiv Pentane	0.136	10	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	108-05-4	Vinyl Acetate	0.112	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-2F	MDLV : 0.2	PPBV	5W	12/30/21	5:36	GCMS5W	75-01-4	Vinyl chloride	0.069	0.2	5W	Q-4	I	ppbv
TO-15	JD18443D	STYA	JD18443D-4E	MDLV : 0.1	PPBV	2W	12/30/21	4:35	GCMS2W	67-63-0	Isopropyl Alcohol	0.141	0.2	2W	Q-4	I	ppbv

MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Initial Calibration RT/ISTD Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries
- Run Sequence Reports

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3087-MB	3W78385.D	1	12/13/22	TCH	n/a	n/a	V3W3087

The QC reported here applies to the following samples: **Method:** TO-15

JD56955-1, JD56955-2, JD56955-3, JD56955-4

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.062	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.11	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.097	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.032	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.077	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.040	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.15	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.19	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3087-MB	3W78385.D	1	12/13/22	TCH	n/a	n/a	V3W3087

The QC reported here applies to the following samples: **Method:** TO-15

JD56955-1, JD56955-2, JD56955-3, JD56955-4

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.092	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.056	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.12	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.037	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.095	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.036	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3087-MB	3W78385.D	1	12/13/22	TCH	n/a	n/a	V3W3087

The QC reported here applies to the following samples: **Method:** TO-15

JD56955-1, JD56955-2, JD56955-3, JD56955-4

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	100%	65-128%

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1137-MB	6W26830.D	1	11/03/22	TCH	n/a	n/a	V6W1137

The QC reported here applies to the following samples: **Method:** TO-15

V6W1137-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.062	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.11	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.097	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.032	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.077	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.040	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.15	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.19	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1137-MB	6W26830.D	1	11/03/22	TCH	n/a	n/a	V6W1137

The QC reported here applies to the following samples: **Method:** TO-15

V6W1137-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.092	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.056	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.12	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.037	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.095	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.036	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1137-MB	6W26830.D	1	11/03/22	TCH	n/a	n/a	V6W1137

The QC reported here applies to the following samples: **Method:** TO-15

V6W1137-SCC

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	98%	65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
124-38-9	Carbon dioxide	1.66	6.3	ppbv	JN
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1141-MB	6W26949.D	1	11/07/22	TCH	n/a	n/a	V6W1141

The QC reported here applies to the following samples: **Method:** TO-15

V6W1141-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.062	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.11	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.097	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.032	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.077	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.040	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.15	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.19	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1141-MB	6W26949.D	1	11/07/22	TCH	n/a	n/a	V6W1141

The QC reported here applies to the following samples: **Method:** TO-15

V6W1141-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.092	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.056	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.12	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.037	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.095	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.036	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1141-MB	6W26949.D	1	11/07/22	TCH	n/a	n/a	V6W1141

The QC reported here applies to the following samples: **Method:** TO-15

V6W1141-SCC

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	100%	65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
124-38-9	Carbon dioxide	1.65	3.2	ppbv	JN
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1142-MB	6W26995.D	1	11/08/22	TCH	n/a	n/a	V6W1142

The QC reported here applies to the following samples: **Method:** TO-15

V6W1142-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.062	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.11	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.097	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.032	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.077	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.040	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.15	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.19	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1142-MB	6W26995.D	1	11/08/22	TCH	n/a	n/a	V6W1142

The QC reported here applies to the following samples: **Method:** TO-15

V6W1142-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.092	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.056	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.12	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.037	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.095	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.036	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1142-MB	6W26995.D	1	11/08/22	TCH	n/a	n/a	V6W1142

The QC reported here applies to the following samples: **Method:** TO-15

V6W1142-SCC

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	106%	65-128%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3087-BS	3W78382.D	1	12/13/22	TCH	n/a	n/a	V3W3087
V3W3087-BSD	3W78383.D	1	12/13/22	TCH	n/a	n/a	V3W3087

The QC reported here applies to the following samples: **Method:** TO-15

JD56955-1, JD56955-2, JD56955-3, JD56955-4

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10	7.4	74	8.0	80	8	70-130/30
106-99-0	1,3-Butadiene	10	8.2	82	8.5	85	4	70-130/30
71-43-2	Benzene	10	9.9	99	10	100	1	70-130/30
75-27-4	Bromodichloromethane	10	10.6	106	10.8	108	2	70-130/30
75-25-2	Bromoform	10	10.6	106	10.6	106	0	70-130/30
74-83-9	Bromomethane	10	8.9	89	9.0	90	1	70-130/30
593-60-2	Bromoethene	10	9.2	92	9.5	95	3	70-130/30
100-44-7	Benzyl Chloride	10	13.0	130	13.0	130	0	70-130/30
75-15-0	Carbon disulfide	10	10.8	108	10.8	108	0	70-130/30
108-90-7	Chlorobenzene	10	9.2	92	9.3	93	1	70-130/30
75-00-3	Chloroethane	10	9.6	96	9.9	99	3	70-130/30
67-66-3	Chloroform	10	11.2	112	11.4	114	2	70-130/30
74-87-3	Chloromethane	10	8.7	87	9.2	92	6	70-130/30
107-05-1	3-Chloropropene	10	11.0	110	11.0	110	0	70-130/30
95-49-8	2-Chlorotoluene	10	9.4	94	9.4	94	0	70-130/30
56-23-5	Carbon tetrachloride	10	11.7	117	12.0	120	3	70-130/30
110-82-7	Cyclohexane	10	9.4	94	9.3	93	1	70-130/30
75-34-3	1,1-Dichloroethane	10	10.8	108	11.0	110	2	70-130/30
75-35-4	1,1-Dichloroethylene	10	10.4	104	10.3	103	1	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	10	9.8	98	9.9	99	1	70-130/30
107-06-2	1,2-Dichloroethane	10	11.7	117	12.1	121	3	70-130/30
78-87-5	1,2-Dichloropropane	10	9.3	93	9.6	96	3	70-130/30
123-91-1	1,4-Dioxane	10	10.6	106	10.7	107	1	70-130/30
75-71-8	Dichlorodifluoromethane	10	11.0	110	11.2	112	2	70-130/30
124-48-1	Dibromochloromethane	10	9.9	99	9.9	99	0	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	10.7	107	10.9	109	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	10.9	109	10.7	107	2	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	10.5	105	10.8	108	3	70-130/30
541-73-1	m-Dichlorobenzene	10	10.0	100	10.1	101	1	70-130/30
95-50-1	o-Dichlorobenzene	10	10	100	10.0	100	0	70-130/30
106-46-7	p-Dichlorobenzene	10	10.2	102	10.2	102	0	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	11.1	111	11.5	115	4	70-130/30
64-17-5	Ethanol	10	8.2	82	8.5	85	4	70-130/30
100-41-4	Ethylbenzene	10	9.3	93	9.2	92	1	70-130/30
141-78-6	Ethyl Acetate	10	10.7	107	10.6	106	1	70-130/30
622-96-8	4-Ethyltoluene	10	10.1	101	10.3	103	2	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3087-BS	3W78382.D	1	12/13/22	TCH	n/a	n/a	V3W3087
V3W3087-BSD	3W78383.D	1	12/13/22	TCH	n/a	n/a	V3W3087

The QC reported here applies to the following samples: **Method:** TO-15

JD56955-1, JD56955-2, JD56955-3, JD56955-4

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	10.5	105	10.5	105	0	70-130/30
76-14-2	Freon 114	10	9.5	95	9.8	98	3	70-130/30
142-82-5	Heptane	10	9.1	91	9.3	93	2	70-130/30
87-68-3	Hexachlorobutadiene	10	13.1	131* [a]	13.4	134* [a]	2	70-130/30
110-54-3	Hexane	10	10.2	102	10.3	103	1	70-130/30
591-78-6	2-Hexanone	10	11.0	110	11.2	112	2	70-130/30
67-63-0	Isopropyl Alcohol	10	9.6	96	9.8	98	2	70-130/30
75-09-2	Methylene chloride	10	9.8	98	9.8	98	0	70-130/30
78-93-3	Methyl ethyl ketone	10	11.2	112	11.3	113	1	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	10.3	103	10.6	106	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	11.3	113	11.5	115	2	70-130/30
80-62-6	Methylmethacrylate	10	10.4	104	10.7	107	3	70-130/30
115-07-1	Propylene	10	9.3	93	9.4	94	1	70-130/30
100-42-5	Styrene	10	10.1	101	10.1	101	0	70-130/30
71-55-6	1,1,1-Trichloroethane	10	11.5	115	11.8	118	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	9.3	93	9.4	94	1	70-130/30
79-00-5	1,1,2-Trichloroethane	10	9.8	98	10.2	102	4	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	12.6	126	12.9	129	2	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10.2	102	10.3	103	1	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	10.1	101	10.3	103	2	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.8	98	9.9	99	1	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	11.3	113	11.4	114	1	70-130/30
127-18-4	Tetrachloroethylene	10	9.2	92	9.3	93	1	70-130/30
109-99-9	Tetrahydrofuran	10	11.4	114	11.4	114	0	70-130/30
108-88-3	Toluene	10	9.4	94	9.8	98	4	70-130/30
79-01-6	Trichloroethylene	10	9.8	98	9.9	99	1	70-130/30
75-69-4	Trichlorofluoromethane	10	11.0	110	11.3	113	3	70-130/30
75-01-4	Vinyl chloride	10	8.9	89	9.3	93	4	70-130/30
108-05-4	Vinyl Acetate	10	11.1	111	11.2	112	1	70-130/30
	m,p-Xylene	20	18.0	90	17.7	89	2	70-130/30
95-47-6	o-Xylene	10	8.9	89	8.9	89	0	70-130/30
1330-20-7	Xylenes (total)	30	26.8	89	26.6	89	1	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3087-BS	3W78382.D	1	12/13/22	TCH	n/a	n/a	V3W3087
V3W3087-BSD	3W78383.D	1	12/13/22	TCH	n/a	n/a	V3W3087

The QC reported here applies to the following samples: **Method:** TO-15

JD56955-1, JD56955-2, JD56955-3, JD56955-4

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	101%	101%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1137-BS	6W26824.D	1	11/03/22	TCH	n/a	n/a	V6W1137
V6W1137-BSD	6W26825.D	1	11/03/22	TCH	n/a	n/a	V6W1137

The QC reported here applies to the following samples: **Method:** TO-15

V6W1137-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10	10.2	102	10.3	103	1	70-130/30
106-99-0	1,3-Butadiene	10	10.2	102	10.5	105	3	70-130/30
71-43-2	Benzene	10	9.4	94	9.4	94	0	70-130/30
75-27-4	Bromodichloromethane	10	9.0	90	9.3	93	3	70-130/30
75-25-2	Bromoform	10	9.2	92	9.5	95	3	70-130/30
74-83-9	Bromomethane	10	11.1	111	11.1	111	0	70-130/30
593-60-2	Bromoethene	10	11.0	110	11.0	110	0	70-130/30
100-44-7	Benzyl Chloride	10	11.3	113	11.8	118	4	70-130/30
75-15-0	Carbon disulfide	10	9.9	99	10	100	1	70-130/30
108-90-7	Chlorobenzene	10	9.4	94	9.9	99	5	70-130/30
75-00-3	Chloroethane	10	11.2	112	11.3	113	1	70-130/30
67-66-3	Chloroform	10	9.4	94	9.5	95	1	70-130/30
74-87-3	Chloromethane	10	9.7	97	9.7	97	0	70-130/30
107-05-1	3-Chloropropene	10	10.2	102	10.3	103	1	70-130/30
95-49-8	2-Chlorotoluene	10	10.2	102	10.6	106	4	70-130/30
56-23-5	Carbon tetrachloride	10	8.9	89	9.1	91	2	70-130/30
110-82-7	Cyclohexane	10	9.8	98	10	100	2	70-130/30
75-34-3	1,1-Dichloroethane	10	9.7	97	9.8	98	1	70-130/30
75-35-4	1,1-Dichloroethylene	10	10.0	100	10.2	102	2	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	10	8.9	89	9.2	92	3	70-130/30
107-06-2	1,2-Dichloroethane	10	9.0	90	9.1	91	1	70-130/30
78-87-5	1,2-Dichloropropane	10	9.7	97	10	100	3	70-130/30
123-91-1	1,4-Dioxane	10	11.9	119	12.3	123	3	70-130/30
75-71-8	Dichlorodifluoromethane	10	11.9	119	12.0	120	1	70-130/30
124-48-1	Dibromochloromethane	10	8.6	86	8.8	88	2	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	9.8	98	10	100	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.5	95	9.7	97	2	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	8.6	86	8.8	88	2	70-130/30
541-73-1	m-Dichlorobenzene	10	10.5	105	10.8	108	3	70-130/30
95-50-1	o-Dichlorobenzene	10	10.5	105	10.9	109	4	70-130/30
106-46-7	p-Dichlorobenzene	10	10.6	106	10.9	109	3	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	8.6	86	9.0	90	5	70-130/30
64-17-5	Ethanol	10	9.5	95	9.8	98	3	70-130/30
100-41-4	Ethylbenzene	10	8.6	86	8.9	89	3	70-130/30
141-78-6	Ethyl Acetate	10	10.1	101	10.4	104	3	70-130/30
622-96-8	4-Ethyltoluene	10	10.8	108	11.3	113	5	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1137-BS	6W26824.D	1	11/03/22	TCH	n/a	n/a	V6W1137
V6W1137-BSD	6W26825.D	1	11/03/22	TCH	n/a	n/a	V6W1137

The QC reported here applies to the following samples: **Method:** TO-15

V6W1137-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	9.6	96	9.7	97	1	70-130/30
76-14-2	Freon 114	10	10.1	101	10.3	103	2	70-130/30
142-82-5	Heptane	10	8.1	81	8.3	83	2	70-130/30
87-68-3	Hexachlorobutadiene	10	10.5	105	11.0	110	5	70-130/30
110-54-3	Hexane	10	9.4	94	9.6	96	2	70-130/30
591-78-6	2-Hexanone	10	12.1	121	12.6	126	4	70-130/30
67-63-0	Isopropyl Alcohol	10	9.2	92	9.5	95	3	70-130/30
75-09-2	Methylene chloride	10	9.3	93	9.5	95	2	70-130/30
78-93-3	Methyl ethyl ketone	10	10.3	103	10.4	104	1	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	10.3	103	10.8	108	5	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	8.2	82	8.4	84	2	70-130/30
80-62-6	Methylmethacrylate	10	9.3	93	9.6	96	3	70-130/30
115-07-1	Propylene	10	7.7	77	7.9	79	3	70-130/30
100-42-5	Styrene	10	10.4	104	10.8	108	4	70-130/30
71-55-6	1,1,1-Trichloroethane	10	8.7	87	8.9	89	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	10	100	10.3	103	3	70-130/30
79-00-5	1,1,2-Trichloroethane	10	8.7	87	9.0	90	3	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	11.6	116	12.0	120	3	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10.8	108	11.1	111	3	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	10.6	106	11.0	110	4	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.9	99	10.2	102	3	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	8.8	88	9.1	91	3	70-130/30
127-18-4	Tetrachloroethylene	10	9.1	91	9.3	93	2	70-130/30
109-99-9	Tetrahydrofuran	10	10.5	105	10.6	106	1	70-130/30
108-88-3	Toluene	10	8.2	82	8.4	84	2	70-130/30
79-01-6	Trichloroethylene	10	9.4	94	9.6	96	2	70-130/30
75-69-4	Trichlorofluoromethane	10	9.9	99	10.0	100	1	70-130/30
75-01-4	Vinyl chloride	10	10.3	103	10.5	105	2	70-130/30
108-05-4	Vinyl Acetate	10	10.5	105	10.8	108	3	70-130/30
	m,p-Xylene	20	17.8	89	18.3	92	3	70-130/30
95-47-6	o-Xylene	10	9.0	90	9.4	94	4	70-130/30
1330-20-7	Xylenes (total)	30	26.7	89	27.7	92	4	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1137-BS	6W26824.D	1	11/03/22	TCH	n/a	n/a	V6W1137
V6W1137-BSD	6W26825.D	1	11/03/22	TCH	n/a	n/a	V6W1137

The QC reported here applies to the following samples: **Method:** TO-15

V6W1137-SCC

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	101%	102%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1141-BS	6W26946.D	1	11/07/22	TCH	n/a	n/a	V6W1141
V6W1141-BSD	6W26947.D	1	11/07/22	TCH	n/a	n/a	V6W1141

The QC reported here applies to the following samples: **Method:** TO-15

V6W1141-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10	9.8	98	9.4	94	4	70-130/30
106-99-0	1,3-Butadiene	10	10.1	101	9.9	99	2	70-130/30
71-43-2	Benzene	10	8.9	89	8.7	87	2	70-130/30
75-27-4	Bromodichloromethane	10	8.6	86	8.4	84	2	70-130/30
75-25-2	Bromoform	10	9.8	98	9.4	94	4	70-130/30
74-83-9	Bromomethane	10	10.4	104	10.1	101	3	70-130/30
593-60-2	Bromoethene	10	10.5	105	10.2	102	3	70-130/30
100-44-7	Benzyl Chloride	10	10.5	105	10.2	102	3	70-130/30
75-15-0	Carbon disulfide	10	9.5	95	9.1	91	4	70-130/30
108-90-7	Chlorobenzene	10	9.4	94	9.0	90	4	70-130/30
75-00-3	Chloroethane	10	10.8	108	10.3	103	5	70-130/30
67-66-3	Chloroform	10	9.2	92	8.9	89	3	70-130/30
74-87-3	Chloromethane	10	9.4	94	9.1	91	3	70-130/30
107-05-1	3-Chloropropene	10	10.1	101	9.6	96	5	70-130/30
95-49-8	2-Chlorotoluene	10	9.9	99	9.6	96	3	70-130/30
56-23-5	Carbon tetrachloride	10	9.0	90	8.6	86	5	70-130/30
110-82-7	Cyclohexane	10	9.2	92	8.7	87	6	70-130/30
75-34-3	1,1-Dichloroethane	10	9.2	92	9.0	90	2	70-130/30
75-35-4	1,1-Dichloroethylene	10	9.5	95	9.2	92	3	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	10	9.5	95	9.1	91	4	70-130/30
107-06-2	1,2-Dichloroethane	10	8.7	87	8.4	84	4	70-130/30
78-87-5	1,2-Dichloropropane	10	9.0	90	8.5	85	6	70-130/30
123-91-1	1,4-Dioxane	10	10.8	108	10.3	103	5	70-130/30
75-71-8	Dichlorodifluoromethane	10	9.2	92	8.8	88	4	70-130/30
124-48-1	Dibromochloromethane	10	9.1	91	8.7	87	4	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	9.4	94	9.0	90	4	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.3	93	8.9	89	4	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	9.3	93	9.0	90	3	70-130/30
541-73-1	m-Dichlorobenzene	10	10.0	100	9.6	96	4	70-130/30
95-50-1	o-Dichlorobenzene	10	9.9	99	9.5	95	4	70-130/30
106-46-7	p-Dichlorobenzene	10	10.0	100	9.7	97	3	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	9.4	94	9.0	90	4	70-130/30
64-17-5	Ethanol	10	9.8	98	9.6	96	2	70-130/30
100-41-4	Ethylbenzene	10	8.3	83	8.0	80	4	70-130/30
141-78-6	Ethyl Acetate	10	9.4	94	9.1	91	3	70-130/30
622-96-8	4-Ethyltoluene	10	10.4	104	10.3	103	1	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1141-BS	6W26946.D	1	11/07/22	TCH	n/a	n/a	V6W1141
V6W1141-BSD	6W26947.D	1	11/07/22	TCH	n/a	n/a	V6W1141

The QC reported here applies to the following samples: **Method:** TO-15

V6W1141-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	9.7	97	9.4	94	3	70-130/30
76-14-2	Freon 114	10	9.4	94	9.1	91	3	70-130/30
142-82-5	Heptane	10	9.3	93	8.9	89	4	70-130/30
87-68-3	Hexachlorobutadiene	10	11.0	110	10.6	106	4	70-130/30
110-54-3	Hexane	10	9.0	90	8.7	87	3	70-130/30
591-78-6	2-Hexanone	10	12.6	126	12.2	122	3	70-130/30
67-63-0	Isopropyl Alcohol	10	9.5	95	9.2	92	3	70-130/30
75-09-2	Methylene chloride	10	9.2	92	8.9	89	3	70-130/30
78-93-3	Methyl ethyl ketone	10	9.8	98	9.4	94	4	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	11.0	110	10.7	107	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	8.0	80	7.7	77	4	70-130/30
80-62-6	Methylmethacrylate	10	9.6	96	9.5	95	1	70-130/30
115-07-1	Propylene	10	8.9	89	8.7	87	2	70-130/30
100-42-5	Styrene	10	10.2	102	9.8	98	4	70-130/30
71-55-6	1,1,1-Trichloroethane	10	8.8	88	8.5	85	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	9.8	98	9.4	94	4	70-130/30
79-00-5	1,1,2-Trichloroethane	10	9.4	94	9.0	90	4	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	11.2	112	10.5	105	6	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10.5	105	10.2	102	3	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	10.5	105	10.0	100	5	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.0	90	8.7	87	3	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	8.7	87	8.5	85	2	70-130/30
127-18-4	Tetrachloroethylene	10	9.9	99	9.6	96	3	70-130/30
109-99-9	Tetrahydrofuran	10	9.8	98	9.5	95	3	70-130/30
108-88-3	Toluene	10	8.5	85	8.1	81	5	70-130/30
79-01-6	Trichloroethylene	10	8.7	87	8.4	84	4	70-130/30
75-69-4	Trichlorofluoromethane	10	10	100	9.7	97	3	70-130/30
75-01-4	Vinyl chloride	10	9.6	96	9.4	94	2	70-130/30
108-05-4	Vinyl Acetate	10	10.1	101	9.8	98	3	70-130/30
	m,p-Xylene	20	17.4	87	16.7	84	4	70-130/30
95-47-6	o-Xylene	10	8.8	88	8.5	85	3	70-130/30
1330-20-7	Xylenes (total)	30	26.2	87	25.2	84	4	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1141-BS	6W26946.D	1	11/07/22	TCH	n/a	n/a	V6W1141
V6W1141-BSD	6W26947.D	1	11/07/22	TCH	n/a	n/a	V6W1141

The QC reported here applies to the following samples: **Method:** TO-15

V6W1141-SCC

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	103%	104%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1142-BS	6W26991.D	1	11/08/22	TCH	n/a	n/a	V6W1142
V6W1142-BSD	6W26992.D	1	11/08/22	TCH	n/a	n/a	V6W1142

The QC reported here applies to the following samples: **Method:** TO-15

V6W1142-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10	14.8	148* [a]	14.4	144* [a]	3	70-130/30
106-99-0	1,3-Butadiene	10	14.8	148* [a]	14.2	142* [a]	4	70-130/30
71-43-2	Benzene	10	11.7	117	11.2	112	4	70-130/30
75-27-4	Bromodichloromethane	10	11.7	117	11.4	114	3	70-130/30
75-25-2	Bromoform	10	11.3	113	10.9	109	4	70-130/30
74-83-9	Bromomethane	10	14.0	140* [a]	13.3	133* [a]	5	70-130/30
593-60-2	Bromoethene	10	12.8	128	12.1	121	6	70-130/30
100-44-7	Benzyl Chloride	10	13.5	135* [a]	13.2	132* [a]	2	70-130/30
75-15-0	Carbon disulfide	10	12.7	127	12.2	122	4	70-130/30
108-90-7	Chlorobenzene	10	11.1	111	10.8	108	3	70-130/30
75-00-3	Chloroethane	10	15.1	151* [a]	14.4	144* [a]	5	70-130/30
67-66-3	Chloroform	10	12.1	121	11.6	116	4	70-130/30
74-87-3	Chloromethane	10	14.4	144* [a]	13.8	138* [a]	4	70-130/30
107-05-1	3-Chloropropene	10	13.4	134* [a]	12.8	128	5	70-130/30
95-49-8	2-Chlorotoluene	10	12.7	127	12.4	124	2	70-130/30
56-23-5	Carbon tetrachloride	10	10.9	109	10.3	103	6	70-130/30
110-82-7	Cyclohexane	10	12.2	122	11.7	117	4	70-130/30
75-34-3	1,1-Dichloroethane	10	12.9	129	12.3	123	5	70-130/30
75-35-4	1,1-Dichloroethylene	10	12.5	125	11.8	118	6	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	10	9.7	97	9.5	95	2	70-130/30
107-06-2	1,2-Dichloroethane	10	12.3	123	12.0	120	2	70-130/30
78-87-5	1,2-Dichloropropane	10	12.9	129	12.6	126	2	70-130/30
123-91-1	1,4-Dioxane	10	14.4	144* [a]	12.4	124	15	70-130/30
75-71-8	Dichlorodifluoromethane	10	13.1	131* [a]	11.8	118	10	70-130/30
124-48-1	Dibromochloromethane	10	9.3	93	9.1	91	2	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	11.8	118	11.4	114	3	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	11.7	117	11.2	112	4	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	10.4	104	10.2	102	2	70-130/30
541-73-1	m-Dichlorobenzene	10	12.3	123	11.9	119	3	70-130/30
95-50-1	o-Dichlorobenzene	10	12.3	123	11.9	119	3	70-130/30
106-46-7	p-Dichlorobenzene	10	12.2	122	12.0	120	2	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	10.4	104	10.4	104	0	70-130/30
64-17-5	Ethanol	10	14.5	145* [a]	14.1	141* [a]	3	70-130/30
100-41-4	Ethylbenzene	10	10.7	107	10.4	104	3	70-130/30
141-78-6	Ethyl Acetate	10	13.1	131* [a]	12.8	128	2	70-130/30
622-96-8	4-Ethyltoluene	10	13.0	130	12.6	126	3	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1142-BS	6W26991.D	1	11/08/22	TCH	n/a	n/a	V6W1142
V6W1142-BSD	6W26992.D	1	11/08/22	TCH	n/a	n/a	V6W1142

The QC reported here applies to the following samples: **Method:** TO-15

V6W1142-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	11.2	112	10.8	108	4	70-130/30
76-14-2	Freon 114	10	13.2	132* [a]	12.6	126	5	70-130/30
142-82-5	Heptane	10	10.9	109	10.5	105	4	70-130/30
87-68-3	Hexachlorobutadiene	10	14.1	141* [a]	13.5	135* [a]	4	70-130/30
110-54-3	Hexane	10	13.0	130	12.4	124	5	70-130/30
591-78-6	2-Hexanone	10	14.1	141* [a]	13.7	137* [a]	3	70-130/30
67-63-0	Isopropyl Alcohol	10	14.1	141* [a]	13.7	137* [a]	3	70-130/30
75-09-2	Methylene chloride	10	12.1	121	11.6	116	4	70-130/30
78-93-3	Methyl ethyl ketone	10	13.0	130	12.5	125	4	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	12.9	129	12.6	126	2	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	10.1	101	9.8	98	3	70-130/30
80-62-6	Methylmethacrylate	10	13.1	131* [a]	10.8	108	19	70-130/30
115-07-1	Propylene	10	11.0	110	10.7	107	3	70-130/30
100-42-5	Styrene	10	11.9	119	11.7	117	2	70-130/30
71-55-6	1,1,1-Trichloroethane	10	11.4	114	11.0	110	4	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	12.8	128	12.5	125	2	70-130/30
79-00-5	1,1,2-Trichloroethane	10	10.5	105	10.3	103	2	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	14.1	141* [a]	13.7	137* [a]	3	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	13.0	130	12.7	127	2	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	12.7	127	12.4	124	2	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	13.4	134* [a]	10.4	104	25	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	11.6	116	11.4	114	2	70-130/30
127-18-4	Tetrachloroethylene	10	10.1	101	10	100	1	70-130/30
109-99-9	Tetrahydrofuran	10	13.3	133* [a]	12.7	127	5	70-130/30
108-88-3	Toluene	10	9.4	94	9.2	92	2	70-130/30
79-01-6	Trichloroethylene	10	11.4	114	10.8	108	5	70-130/30
75-69-4	Trichlorofluoromethane	10	12.2	122	11.7	117	4	70-130/30
75-01-4	Vinyl chloride	10	14.5	145* [a]	13.9	139* [a]	4	70-130/30
108-05-4	Vinyl Acetate	10	13.1	131* [a]	12.6	126	4	70-130/30
	m,p-Xylene	20	22.1	111	21.5	108	3	70-130/30
95-47-6	o-Xylene	10	11.3	113	11.0	110	3	70-130/30
1330-20-7	Xylenes (total)	30	33.4	111	32.4	108	3	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1142-BS	6W26991.D	1	11/08/22	TCH	n/a	n/a	V6W1142
V6W1142-BSD	6W26992.D	1	11/08/22	TCH	n/a	n/a	V6W1142

The QC reported here applies to the following samples: **Method:** TO-15

V6W1142-SCC

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	110%	111%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD56989-1DUP	3W78387.D	1	12/13/22	TCH	n/a	n/a	V3W3087
JD56989-1	3W78386.D	1	12/13/22	TCH	n/a	n/a	V3W3087

The QC reported here applies to the following samples: **Method:** TO-15

JD56955-1, JD56955-2, JD56955-3, JD56955-4

CAS No.	Compound	JD56989-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
67-64-1	Acetone (2-Propanone)	5.1		4.0		24	25
106-99-0	1,3-Butadiene	ND		ND		nc	25
71-43-2	Benzene	0.38	J	0.44	J	15	25
75-27-4	Bromodichloromethane	ND		ND		nc	25
75-25-2	Bromoform	ND		ND		nc	25
74-83-9	Bromomethane	ND		ND		nc	25
593-60-2	Bromoethene	ND		ND		nc	25
100-44-7	Benzyl Chloride	ND		ND		nc	25
75-15-0	Carbon disulfide	1.4		1.3		7	25
108-90-7	Chlorobenzene	ND		ND		nc	25
75-00-3	Chloroethane	ND		ND		nc	25
67-66-3	Chloroform	ND		ND		nc	25
74-87-3	Chloromethane	ND		ND		nc	25
107-05-1	3-Chloropropene	ND		ND		nc	25
95-49-8	2-Chlorotoluene	ND		ND		nc	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
110-82-7	Cyclohexane	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
106-93-4	1,2-Dibromoethane (EDB)	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
78-87-5	1,2-Dichloropropane	ND		ND		nc	25
123-91-1	1,4-Dioxane	ND		ND		nc	25
75-71-8	Dichlorodifluoromethane	3.3		3.2		3	25
124-48-1	Dibromochloromethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	25
541-73-1	m-Dichlorobenzene	ND		ND		nc	25
95-50-1	o-Dichlorobenzene	ND		ND		nc	25
106-46-7	p-Dichlorobenzene	ND		ND		nc	25
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	25
64-17-5	Ethanol	11.8		13.1		10	25
100-41-4	Ethylbenzene	ND		ND		nc	25
141-78-6	Ethyl Acetate	ND		ND		nc	25
622-96-8	4-Ethyltoluene	ND		ND		nc	25

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD56989-1DUP	3W78387.D	1	12/13/22	TCH	n/a	n/a	V3W3087
JD56989-1	3W78386.D	1	12/13/22	TCH	n/a	n/a	V3W3087

The QC reported here applies to the following samples: **Method:** TO-15

JD56955-1, JD56955-2, JD56955-3, JD56955-4

CAS No.	Compound	JD56989-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
76-13-1	Freon 113	ND		ND		nc	25
76-14-2	Freon 114	ND		ND		nc	25
142-82-5	Heptane	ND		ND		nc	25
87-68-3	Hexachlorobutadiene	ND		ND		nc	25
110-54-3	Hexane	3.5		8.7		85* [a]	25
591-78-6	2-Hexanone	ND		ND		nc	25
67-63-0	Isopropyl Alcohol	ND		ND		nc	25
75-09-2	Methylene chloride	11.0		20.6		61* [a]	25
78-93-3	Methyl ethyl ketone	ND		ND		nc	25
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	25
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	25
80-62-6	Methylmethacrylate	ND		ND		nc	25
115-07-1	Propylene	ND		ND		nc	25
100-42-5	Styrene	0.69	J	0.60	J	14	25
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	25
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	25
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	25
540-84-1	2,2,4-Trimethylpentane	ND		ND		nc	25
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	25
127-18-4	Tetrachloroethylene	ND		ND		nc	25
109-99-9	Tetrahydrofuran	0.81		0.78	J	4	25
108-88-3	Toluene	2.1		2.0		5	25
79-01-6	Trichloroethylene	0.74		0.52		35* [a]	25
75-69-4	Trichlorofluoromethane	0.49	J	0.48	J	2	25
75-01-4	Vinyl chloride	ND		ND		nc	25
108-05-4	Vinyl Acetate	ND		ND		nc	25
	m,p-Xylene	ND		0.62	J	200* [a]	25
95-47-6	o-Xylene	ND		ND		nc	25
1330-20-7	Xylenes (total)	ND		0.62	J	200* [a]	25

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD56989-1DUP	3W78387.D	1	12/13/22	TCH	n/a	n/a	V3W3087
JD56989-1	3W78386.D	1	12/13/22	TCH	n/a	n/a	V3W3087

The QC reported here applies to the following samples: **Method:** TO-15

JD56955-1, JD56955-2, JD56955-3, JD56955-4

CAS No.	Surrogate Recoveries	DUP	JD56989-1	Limits
460-00-4	4-Bromofluorobenzene	101%	104%	65-128%

(a) Outside control limits.

* = Outside of Control Limits.

Summa Cleaning Certification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1137-SCC	6W26859.D	1	11/04/22	TCH	n/a	n/a	V6W1137

The QC reported here (Summa A067) applies to the following samples: **Method:** TO-15

Batch CP11920 cleaned 10/26/22: JD56955-4(M150)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.062	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.11	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.097	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.032	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.077	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.040	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.15	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.19	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1137-SCC	6W26859.D	1	11/04/22	TCH	n/a	n/a	V6W1137

The QC reported here (Summa A067) applies to the following samples: **Method:** TO-15

Batch CP11920 cleaned 10/26/22: JD56955-4(M150)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.092	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.056	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.12	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.037	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.095	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.036	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Summa Cleaning Certification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1137-SCC	6W26859.D	1	11/04/22	TCH	n/a	n/a	V6W1137

The QC reported here (Summa A067) applies to the following samples: **Method:** TO-15

Batch CP11920 cleaned 10/26/22: JD56955-4(M150)

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	98%	65-128%

Summa Cleaning Certification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1141-SCC	6W26974.D	1	11/08/22	TCH	n/a	n/a	V6W1141

The QC reported here (Summa A1749) applies to the following samples: **Method:** TO-15

Batch CP11947 cleaned 11/04/22: JD56955-3(A1871)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.062	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.11	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.097	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.032	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.077	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.040	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.15	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.19	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1141-SCC	6W26974.D	1	11/08/22	TCH	n/a	n/a	V6W1141

The QC reported here (Summa A1749) applies to the following samples: **Method:** TO-15

Batch CP11947 cleaned 11/04/22: JD56955-3(A1871)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.092	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.056	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.12	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.037	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.095	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.036	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Summa Cleaning Certification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1141-SCC	6W26974.D	1	11/08/22	TCH	n/a	n/a	V6W1141

The QC reported here (Summa A1749) applies to the following samples: **Method:** TO-15

Batch CP11947 cleaned 11/04/22: JD56955-3(A1871)

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	98%	65-128%

Summa Cleaning Certification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1142-SCC	6W27001.D	1	11/08/22	TCH	n/a	n/a	V6W1142

The QC reported here (Summa A1906) applies to the following samples: **Method:** TO-15

Batch CP11938 cleaned 11/03/22: JD56955-1(A1907), JD56955-2(A1528)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.062	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.11	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.097	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.032	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.077	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.040	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.15	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.19	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1142-SCC	6W27001.D	1	11/08/22	TCH	n/a	n/a	V6W1142

The QC reported here (Summa A1906) applies to the following samples: **Method:** TO-15

Batch CP11938 cleaned 11/03/22: JD56955-1(A1907), JD56955-2(A1528)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.092	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.056	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.12	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.037	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.095	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.036	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Summa Cleaning Certification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1142-SCC	6W27001.D	1	11/08/22	TCH	n/a	n/a	V6W1142

The QC reported here (Summa A1906) applies to the following samples: **Method:** TO-15

Batch CP11938 cleaned 11/03/22: JD56955-1(A1907), JD56955-2(A1528)

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	106%	65-128%

Instrument Performance Check (BFB)

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V3W3055-BFB
Lab File ID: 3W77566.D
Instrument ID: GCMS3W
Injection Date: 11/03/22
Injection Time: 02:37

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	29547	21.0		Pass
75	30.0 - 66.0% of mass 95	73547	52.3		Pass
95	Base peak, 100% relative abundance	140547	100.0		Pass
96	5.0 - 9.0% of mass 95	9241	6.58		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	124965	88.9		Pass
175	4.0 - 9.01% of mass 174	10222	7.27	(8.18) [a]	Pass
176	93.0 - 101.0% of mass 174	121805	86.7	(97.5) [a]	Pass
177	5.0 - 9.0% of mass 176	8004	5.69	(6.57) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W3055-IC3055	3W77567.D	11/03/22	03:16	00:39	Initial cal 0.04
V3W3055-IC3055	3W77568.D	11/03/22	03:54	01:17	Initial cal 0.1
V3W3055-IC3055	3W77569.D	11/03/22	04:34	01:57	Initial cal 0.2
V3W3055-IC3055	3W77571.D	11/03/22	05:54	03:17	Initial cal 0.5
V3W3055-IC3055	3W77572.D	11/03/22	06:33	03:56	Initial cal 5
V3W3055-ICC3055	3W77573.D	11/03/22	07:12	04:35	Initial cal 10
V3W3055-IC3055	3W77574.D	11/03/22	07:54	05:17	Initial cal 20
V3W3055-IC3055	3W77575.D	11/03/22	08:38	06:01	Initial cal 40
V3W3055-IC3055	3W77576.D	11/03/22	09:25	06:48	Initial cal 50

Instrument Performance Check (BFB)

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V3W3055-BFB
Lab File ID: 3W77583.D
Instrument ID: GCMS3W
Injection Date: 11/06/22
Injection Time: 15:04

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	44243	25.1		Pass
75	30.0 - 66.0% of mass 95	96336	54.7		Pass
95	Base peak, 100% relative abundance	176213	100.0		Pass
96	5.0 - 9.0% of mass 95	11902	6.75		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	163328	92.7		Pass
175	4.0 - 9.01% of mass 174	13564	7.70	(8.30) [a]	Pass
176	93.0 - 101.0% of mass 174	156501	88.8	(95.8) [a]	Pass
177	5.0 - 9.0% of mass 176	10917	6.20	(6.98) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W3055-ICV3055	3W77585.D	11/06/22	16:46	01:42	Initial cal verification 10
V3W3056-CC3055	3W77586.D	11/06/22	21:11	06:07	Continuing cal 10
V3W3056-BS	3W77587.D	11/06/22	21:50	06:46	Blank Spike
V3W3056-BSD	3W77588.D	11/06/22	22:32	07:28	Blank Spike Duplicate
V3W3056-MB	3W77590.D	11/06/22	23:56	08:52	Method Blank
V3W3056-SCC	3W77591.D	11/07/22	00:41	09:37	Summa Cleaning Certification
V3W3056-SCC	3W77592.D	11/07/22	01:26	10:22	Summa Cleaning Certification
V3W3056-SCC	3W77594.D	11/07/22	02:56	11:52	Summa Cleaning Certification
V3W3056-SCC	3W77595.D	11/07/22	03:41	12:37	Summa Cleaning Certification
V3W3056-SCC	3W77596.D	11/07/22	04:26	13:22	Summa Cleaning Certification
V3W3056-SCC	3W77597.D	11/07/22	05:10	14:06	Summa Cleaning Certification
V3W3056-SCC	3W77598.D	11/07/22	05:56	14:52	Summa Cleaning Certification
V3W3056-SCC	3W77599.D	11/07/22	06:40	15:36	Summa Cleaning Certification
V3W3056-SCC	3W77600.D	11/07/22	07:26	16:22	Summa Cleaning Certification
V3W3056-SCC	3W77601.D	11/07/22	08:10	17:06	Summa Cleaning Certification
V3W3056-SCC	3W77602.D	11/07/22	08:55	17:51	Summa Cleaning Certification
V3W3056-SCC	3W77605.D	11/07/22	11:10	20:06	Summa Cleaning Certification
V3W3056-SCC	3W77606.D	11/07/22	11:55	20:51	Summa Cleaning Certification
V3W3056-SCC	3W77607.D	11/07/22	12:40	21:36	Summa Cleaning Certification
V3W3056-SCC	3W77608.D	11/07/22	13:24	22:20	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V3W3087-BFB
Lab File ID: 3W78379.D
Instrument ID: GCMS3W
Injection Date: 12/13/22
Injection Time: 09:59

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	38216	19.6		Pass
75	30.0 - 66.0% of mass 95	104341	53.6		Pass
95	Base peak, 100% relative abundance	194709	100.0		Pass
96	5.0 - 9.0% of mass 95	12728	6.54		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	172267	88.5		Pass
175	4.0 - 9.01% of mass 174	14296	7.34	(8.30) [a]	Pass
176	93.0 - 101.0% of mass 174	164736	84.6	(95.6) [a]	Pass
177	5.0 - 9.0% of mass 176	11426	5.87	(6.94) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W3087-CC3055	3W78381.D	12/13/22	12:01	02:02	Continuing cal 10
V3W3087-BS	3W78382.D	12/13/22	12:42	02:43	Blank Spike
V3W3087-BSD	3W78383.D	12/13/22	13:22	03:23	Blank Spike Duplicate
V3W3087-MB	3W78385.D	12/13/22	15:03	05:04	Method Blank
JD56989-1	3W78386.D	12/13/22	17:16	07:17	(used for QC only; not part of job JD56955)
JD56989-1DUP	3W78387.D	12/13/22	17:56	07:57	Duplicate
ZZZZZZ	3W78388.D	12/13/22	18:35	08:36	(unrelated sample)
ZZZZZZ	3W78389.D	12/13/22	19:14	09:15	(unrelated sample)
ZZZZZZ	3W78390.D	12/13/22	20:03	10:04	(unrelated sample)
ZZZZZZ	3W78391.D	12/13/22	20:42	10:43	(unrelated sample)
ZZZZZZ	3W78392.D	12/13/22	21:23	11:24	(unrelated sample)
ZZZZZZ	3W78393.D	12/13/22	22:03	12:04	(unrelated sample)
ZZZZZZ	3W78394.D	12/13/22	22:42	12:43	(unrelated sample)
ZZZZZZ	3W78395.D	12/13/22	23:22	13:23	(unrelated sample)
ZZZZZZ	3W78396.D	12/14/22	00:02	14:03	(unrelated sample)
ZZZZZZ	3W78397.D	12/14/22	00:41	14:42	(unrelated sample)
ZZZZZZ	3W78398.D	12/14/22	01:22	15:23	(unrelated sample)
JD56955-1	3W78399.D	12/14/22	02:04	16:05	SV-1
JD56955-2	3W78400.D	12/14/22	02:45	16:46	SV-2
JD56955-3	3W78401.D	12/14/22	03:33	17:34	IA-1
JD56955-4	3W78402.D	12/14/22	04:21	18:22	IA-2

Instrument Performance Check (BFB)

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1125-BFB
Lab File ID: 6W26446.D
Instrument ID: GCMS6W
Injection Date: 10/19/22
Injection Time: 17:44

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	11894	25.6		Pass
75	30.0 - 66.0% of mass 95	23544	50.6		Pass
95	Base peak, 100% relative abundance	46541	100.0		Pass
96	5.0 - 9.0% of mass 95	3244	6.97		Pass
173	Less than 2.0% of mass 174	352	0.76	(0.98) [a]	Pass
174	50.0 - 120.0% of mass 95	35928	77.2		Pass
175	4.0 - 9.01% of mass 174	2432	5.23	(6.77) [a]	Pass
176	93.0 - 101.0% of mass 174	34165	73.4	(95.1) [a]	Pass
177	5.0 - 9.0% of mass 176	2442	5.25	(7.15) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V6W1125-IC1125	6W26448.D	10/19/22	19:10	01:26	Initial cal 0.04
V6W1125-IC1125	6W26449.D	10/19/22	19:43	01:59	Initial cal 0.1
V6W1125-IC1125	6W26450.D	10/19/22	20:15	02:31	Initial cal 0.2
V6W1125-IC1125	6W26451.D	10/19/22	20:47	03:03	Initial cal 0.5
V6W1125-IC1125	6W26453.D	10/19/22	21:52	04:08	Initial cal 5
V6W1125-ICC1125	6W26454.D	10/19/22	22:25	04:41	Initial cal 10
V6W1125-IC1125	6W26455.D	10/19/22	22:57	05:13	Initial cal 20
V6W1125-IC1125	6W26456.D	10/19/22	23:29	05:45	Initial cal 40
V6W1125-IC1125	6W26457.D	10/20/22	00:03	06:19	Initial cal 50
V6W1125-ICV1125	6W26462.D	10/20/22	09:08	15:24	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1137-BFB
Lab File ID: 6W26822.D
Instrument ID: GCMS6W
Injection Date: 11/03/22
Injection Time: 09:04

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	9728	24.4		Pass
75	30.0 - 66.0% of mass 95	20293	50.9		Pass
95	Base peak, 100% relative abundance	39835	100.0		Pass
96	5.0 - 9.0% of mass 95	2732	6.86		Pass
173	Less than 2.0% of mass 174	369	0.93	(1.16) [a]	Pass
174	50.0 - 120.0% of mass 95	31795	79.8		Pass
175	4.0 - 9.01% of mass 174	2169	5.44	(6.82) [a]	Pass
176	93.0 - 101.0% of mass 174	31512	79.1	(99.1) [a]	Pass
177	5.0 - 9.0% of mass 176	2021	5.07	(6.41) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V6W1137-CC1125	6W26823.D	11/03/22	09:36	00:32	Continuing cal 10
V6W1137-BS	6W26824.D	11/03/22	10:14	01:10	Blank Spike
V6W1137-BSD	6W26825.D	11/03/22	10:45	01:41	Blank Spike Duplicate
V6W1137-MB	6W26830.D	11/03/22	14:39	05:35	Method Blank
ZZZZZZ	6W26831.D	11/03/22	15:48	06:44	(unrelated sample)
ZZZZZZ	6W26832.D	11/03/22	16:21	07:17	(unrelated sample)
JD53652-1	6W26833.D	11/03/22	16:53	07:49	(used for QC only; not part of job JD56955)
JD53652-1DUP	6W26834.D	11/03/22	17:26	08:22	Duplicate
ZZZZZZ	6W26835.D	11/03/22	17:59	08:55	(unrelated sample)
ZZZZZZ	6W26836.D	11/03/22	18:31	09:27	(unrelated sample)
ZZZZZZ	6W26837.D	11/03/22	19:03	09:59	(unrelated sample)
ZZZZZZ	6W26838.D	11/03/22	19:35	10:31	(unrelated sample)
ZZZZZZ	6W26839.D	11/03/22	20:07	11:03	(unrelated sample)
ZZZZZZ	6W26840.D	11/03/22	20:40	11:36	(unrelated sample)
ZZZZZZ	6W26841.D	11/03/22	21:12	12:08	(unrelated sample)
ZZZZZZ	6W26842.D	11/03/22	21:46	12:42	(unrelated sample)
ZZZZZZ	6W26843.D	11/03/22	22:19	13:15	(unrelated sample)
ZZZZZZ	6W26844.D	11/03/22	22:51	13:47	(unrelated sample)
ZZZZZZ	6W26846.D	11/03/22	23:58	14:54	(unrelated sample)
ZZZZZZ	6W26847.D	11/04/22	00:31	15:27	(unrelated sample)
ZZZZZZ	6W26848.D	11/04/22	01:04	16:00	(unrelated sample)
ZZZZZZ	6W26849.D	11/04/22	01:37	16:33	(unrelated sample)
V6W1137-SCC	6W26852.D	11/04/22	03:16	18:12	Summa Cleaning Certification
V6W1137-SCC	6W26853.D	11/04/22	03:48	18:44	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample:	V6W1137-BFB	**Injection Date:**	11/03/22
Lab File ID:	6W26822.D	**Injection Time:**	09:04
Instrument ID:	GCMS6W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V6W1137-SCC	6W26854.D	11/04/22	04:20	19:16	Summa Cleaning Certification
V6W1137-SCC	6W26855.D	11/04/22	04:53	19:49	Summa Cleaning Certification
V6W1137-SCC	6W26856.D	11/04/22	05:25	20:21	Summa Cleaning Certification
V6W1137-SCC	6W26859.D	11/04/22	07:04	22:00	Summa Cleaning Certification
V6W1137-SCC	6W26860.D	11/04/22	07:37	22:33	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1141-BFB
Lab File ID: 6W26944.D
Instrument ID: GCMS6W
Injection Date: 11/07/22
Injection Time: 07:38

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	7992	24.5		Pass
75	30.0 - 66.0% of mass 95	16955	52.0		Pass
95	Base peak, 100% relative abundance	32624	100.0		Pass
96	5.0 - 9.0% of mass 95	1954	5.99		Pass
173	Less than 2.0% of mass 174	210	0.64	(0.78) [a]	Pass
174	50.0 - 120.0% of mass 95	26923	82.5		Pass
175	4.0 - 9.01% of mass 174	1824	5.59	(6.77) [a]	Pass
176	93.0 - 101.0% of mass 174	25112	77.0	(93.3) [a]	Pass
177	5.0 - 9.0% of mass 176	1556	4.77	(6.20) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V6W1141-CC1125	6W26945.D	11/07/22	08:11	00:33	Continuing cal 10
V6W1141-BS	6W26946.D	11/07/22	08:52	01:14	Blank Spike
V6W1141-BSD	6W26947.D	11/07/22	09:25	01:47	Blank Spike Duplicate
V6W1141-MB	6W26949.D	11/07/22	10:43	03:05	Method Blank
V6W1141-SCC	6W26950.D	11/07/22	11:38	04:00	Summa Cleaning Certification
V6W1141-SCC	6W26951.D	11/07/22	12:11	04:33	Summa Cleaning Certification
V6W1141-SCC	6W26952.D	11/07/22	12:43	05:05	Summa Cleaning Certification
ZZZZZZ	6W26953.D	11/07/22	13:21	05:43	(unrelated sample)
ZZZZZZ	6W26955.D	11/07/22	14:46	07:08	(unrelated sample)
ZZZZZZ	6W26956.D	11/07/22	15:18	07:40	(unrelated sample)
ZZZZZZ	6W26957.D	11/07/22	15:52	08:14	(unrelated sample)
JD54490-11	6W26958.D	11/07/22	16:25	08:47	(used for QC only; not part of job JD56955)
JD54490-11DUP	6W26959.D	11/07/22	16:58	09:20	Duplicate
ZZZZZZ	6W26960.D	11/07/22	17:31	09:53	(unrelated sample)
ZZZZZZ	6W26961.D	11/07/22	18:03	10:25	(unrelated sample)
ZZZZZZ	6W26962.D	11/07/22	18:36	10:58	(unrelated sample)
ZZZZZZ	6W26963.D	11/07/22	19:08	11:30	(unrelated sample)
ZZZZZZ	6W26964.D	11/07/22	19:40	12:02	(unrelated sample)
ZZZZZZ	6W26965.D	11/07/22	20:13	12:35	(unrelated sample)
ZZZZZZ	6W26969.D	11/07/22	22:23	14:45	(unrelated sample)
V6W1141-SCC	6W26971.D	11/07/22	23:45	16:07	Summa Cleaning Certification
V6W1141-SCC	6W26972.D	11/08/22	00:17	16:39	Summa Cleaning Certification
V6W1141-SCC	6W26973.D	11/08/22	00:50	17:12	Summa Cleaning Certification
V6W1141-SCC	6W26974.D	11/08/22	01:22	17:44	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample:	V6W1141-BFB	**Injection Date:**	11/07/22
Lab File ID:	6W26944.D	**Injection Time:**	07:38
Instrument ID:	GCMS6W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V6W1141-SCC	6W26976.D	11/08/22	02:26	18:48	Summa Cleaning Certification
V6W1141-SCC	6W26977.D	11/08/22	02:59	19:21	Summa Cleaning Certification
V6W1141-SCC	6W26978.D	11/08/22	03:32	19:54	Summa Cleaning Certification
V6W1141-SCC	6W26979.D	11/08/22	04:05	20:27	Summa Cleaning Certification
V6W1141-SCC	6W26980.D	11/08/22	04:38	21:00	Summa Cleaning Certification
V6W1141-SCC	6W26981.D	11/08/22	05:10	21:32	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1142-BFB
Lab File ID: 6W26988.D
Instrument ID: GCMS6W
Injection Date: 11/08/22
Injection Time: 11:50

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	10078	26.6		Pass
75	30.0 - 66.0% of mass 95	20464	54.0		Pass
95	Base peak, 100% relative abundance	37915	100.0		Pass
96	5.0 - 9.0% of mass 95	2397	6.32		Pass
173	Less than 2.0% of mass 174	238	0.63	(0.80) [a]	Pass
174	50.0 - 120.0% of mass 95	29728	78.4		Pass
175	4.0 - 9.01% of mass 174	2169	5.72	(7.30) [a]	Pass
176	93.0 - 101.0% of mass 174	29152	76.9	(98.1) [a]	Pass
177	5.0 - 9.0% of mass 176	1948	5.14	(6.68) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V6W1142-CC1125	6W26990.D	11/08/22	13:46	01:56	Continuing cal 10
V6W1142-BS	6W26991.D	11/08/22	14:43	02:53	Blank Spike
V6W1142-BSD	6W26992.D	11/08/22	15:14	03:24	Blank Spike Duplicate
V6W1142-MB	6W26995.D	11/08/22	17:27	05:37	Method Blank
V6W1142-SCC	6W26997.D	11/08/22	19:33	07:43	Summa Cleaning Certification
V6W1142-SCC	6W26998.D	11/08/22	20:05	08:15	Summa Cleaning Certification
V6W1142-SCC	6W26999.D	11/08/22	20:37	08:47	Summa Cleaning Certification
V6W1142-SCC	6W27000.D	11/08/22	21:11	09:21	Summa Cleaning Certification
V6W1142-SCC	6W27001.D	11/08/22	21:44	09:54	Summa Cleaning Certification
V6W1142-SCC	6W27002.D	11/08/22	22:17	10:27	Summa Cleaning Certification
V6W1142-SCC	6W27003.D	11/08/22	22:50	11:00	Summa Cleaning Certification
V6W1142-SCC	6W27004.D	11/08/22	23:22	11:32	Summa Cleaning Certification
V6W1142-SCC	6W27005.D	11/08/22	23:55	12:05	Summa Cleaning Certification
V6W1142-SCC	6W27006.D	11/09/22	00:29	12:39	Summa Cleaning Certification
V6W1142-SCC	6W27008.D	11/09/22	01:34	13:44	Summa Cleaning Certification
V6W1142-SCC	6W27009.D	11/09/22	02:07	14:17	Summa Cleaning Certification
V6W1142-SCC	6W27010.D	11/09/22	02:40	14:50	Summa Cleaning Certification
V6W1142-SCC	6W27011.D	11/09/22	03:12	15:22	Summa Cleaning Certification
V6W1142-SCC	6W27013.D	11/09/22	04:20	16:30	Summa Cleaning Certification
V6W1142-SCC	6W27014.D	11/09/22	04:52	17:02	Summa Cleaning Certification
V6W1142-SCC	6W27015.D	11/09/22	05:25	17:35	Summa Cleaning Certification
V6W1142-SCC	6W27016.D	11/09/22	05:58	18:08	Summa Cleaning Certification
V6W1142-SCC	6W27017.D	11/09/22	06:31	18:41	Summa Cleaning Certification
V6W1142-SCC	6W27018.D	11/09/22	07:03	19:13	Summa Cleaning Certification

Instrument Performance Check (BFB)

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample:	V6W1142-BFB	**Injection Date:**	11/08/22
Lab File ID:	6W26988.D	**Injection Time:**	11:50
Instrument ID:	GCMS6W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V6W1142-SCC	6W27021.D	11/09/22	08:43	20:53	Summa Cleaning Certification

Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Check Std:	V3W3087-CC3055	**Injection Date:**	12/13/22
Lab File ID:	3W78381.D	**Injection Time:**	12:01
Instrument ID:	GCMS3W	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	121914	8.01	636595	9.72	349471	13.97
Upper Limit [a]	170680	8.34	891233	10.05	489259	14.30
Lower Limit [b]	73148	7.68	381957	9.39	209683	13.64

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V3W3087-BS	114839	8.01	611275	9.72	347990	13.97
V3W3087-BSD	108085	8.01	580236	9.72	337975	13.97
V3W3087-MB	108137	8.00	553169	9.71	283021	13.97
JD56989-1	112809	8.02	549210	9.72	267260	13.97
JD56989-1DUP	106843	8.01	535704	9.72	271835	13.97
ZZZZZZ	102327	8.02	492507	9.72	243812	13.97
ZZZZZZ	94081	8.01	481327	9.72	256658	13.97
ZZZZZZ	102228	8.01	517312	9.72	251874	13.97
ZZZZZZ	102205	8.01	517904	9.72	252346	13.97
ZZZZZZ	100723	8.01	492029	9.72	251669	13.97
ZZZZZZ	96977	8.01	484532	9.72	236944	13.97
ZZZZZZ	95345	8.02	470445	9.72	227209	13.97
ZZZZZZ	92410	8.01	443806	9.72	223620	13.97
ZZZZZZ	99208	8.01	507259	9.72	260252	13.97
ZZZZZZ	100665	8.01	501703	9.72	242306	13.97
ZZZZZZ	95307	8.02	467000	9.72	226307	13.97
JD56955-1	90692	8.01	449963	9.72	221201	13.97
JD56955-2	88459	8.01	439987	9.72	233263	13.97
JD56955-3	91679	8.01	454745	9.72	221973	13.97
JD56955-4	94081	8.01	465854	9.72	225004	13.97

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = + 40% of check standard area; Retention time + 0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Check Std:	V6W1137-CC1125	**Injection Date:**	11/03/22
Lab File ID:	6W26823.D	**Injection Time:**	09:36
Instrument ID:	GCMS6W	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	45375	3.34	225669	4.73	185640	10.59
Upper Limit [a]	63525	3.67	315937	5.06	259896	10.92
Lower Limit [b]	27225	3.01	135401	4.40	111384	10.26

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V6W1137-BS	45781	3.34	229465	4.73	188055	10.58
V6W1137-BSD	46044	3.34	228615	4.73	186065	10.59
V6W1137-MB	44863	3.34	225395	4.73	177281	10.58
ZZZZZZ	46311	3.34	233915	4.73	184536	10.58
ZZZZZZ	46321	3.34	231889	4.74	185520	10.59
JD53652-1	46064	3.34	230866	4.74	185266	10.59
JD53652-1DUP	45425	3.34	228554	4.74	185306	10.59
ZZZZZZ	45471	3.34	226890	4.74	186201	10.58
ZZZZZZ	45636	3.34	230801	4.74	187292	10.59
ZZZZZZ	44404	3.34	226103	4.73	182708	10.59
ZZZZZZ	44973	3.34	228366	4.73	185054	10.58
ZZZZZZ	46218	3.34	233544	4.73	185806	10.58
ZZZZZZ	45831	3.34	227794	4.74	182134	10.59
ZZZZZZ	44814	3.34	228657	4.74	182102	10.59
ZZZZZZ	44877	3.34	225821	4.74	180115	10.59
ZZZZZZ	46528	3.34	232549	4.74	184554	10.59
ZZZZZZ	46845	3.34	233978	4.74	186850	10.59
ZZZZZZ	45733	3.34	231862	4.73	185363	10.59
ZZZZZZ	45629	3.34	231303	4.74	184161	10.59
ZZZZZZ	46093	3.34	233234	4.74	188550	10.59
ZZZZZZ	45709	3.34	229580	4.73	185671	10.59
V6W1137-SCC	45404	3.34	229315	4.74	183331	10.59
V6W1137-SCC	44537	3.34	226134	4.73	179728	10.59
V6W1137-SCC	44548	3.34	226227	4.73	180042	10.59
V6W1137-SCC	44511	3.34	224346	4.73	177193	10.59
V6W1137-SCC	44942	3.34	223311	4.74	177299	10.59
V6W1137-SCC	45108	3.34	227705	4.73	180276	10.59
V6W1137-SCC	45255	3.34	225281	4.73	179524	10.58

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = + 40% of check standard area; Retention time + 0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Check Std:	V6W1141-CC1125	**Injection Date:**	11/07/22
Lab File ID:	6W26945.D	**Injection Time:**	08:11
Instrument ID:	GCMS6W	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	31540	3.34	158405	4.73	138452	10.58
Upper Limit [a]	44156	3.67	221767	5.06	193833	10.91
Lower Limit [b]	18924	3.01	95043	4.40	83071	10.25

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V6W1141-BS	31311	3.34	158699	4.73	138996	10.58
V6W1141-BSD	31191	3.34	159885	4.73	139851	10.59
V6W1141-MB	30854	3.34	156725	4.73	134741	10.59
V6W1141-SCC	31409	3.34	159834	4.73	136457	10.58
V6W1141-SCC	32503	3.34	167238	4.73	139900	10.59
V6W1141-SCC	32984	3.34	170788	4.74	143486	10.59
ZZZZZZ	33050	3.34	166370	4.73	141607	10.58
ZZZZZZ	32998	3.34	170338	4.74	143497	10.59
ZZZZZZ	32055	3.34	163572	4.73	140711	10.58
ZZZZZZ	31902	3.34	164110	4.73	141895	10.58
JD54490-11	32689	3.34	166370	4.74	142667	10.58
JD54490-11DUP	34677	3.34	175277	4.74	151088	10.59
ZZZZZZ	34997	3.34	175387	4.73	152336	10.59
ZZZZZZ	34200	3.34	172361	4.73	147564	10.59
ZZZZZZ	33400	3.34	169888	4.74	146783	10.59
ZZZZZZ	32662	3.34	167246	4.73	141966	10.59
ZZZZZZ	33486	3.34	170240	4.73	147191	10.59
ZZZZZZ	34154	3.34	173131	4.74	148575	10.59
ZZZZZZ	32872	3.34	172360	4.73	146186	10.59
V6W1141-SCC	32111	3.34	164653	4.73	139225	10.59
V6W1141-SCC	32387	3.34	163760	4.73	138676	10.58
V6W1141-SCC	31770	3.34	163899	4.73	138105	10.59
V6W1141-SCC	31794	3.34	163225	4.73	134677	10.58
V6W1141-SCC	32399	3.34	166324	4.74	137717	10.59
V6W1141-SCC	31515	3.34	160387	4.73	133259	10.59
V6W1141-SCC	31802	3.34	163538	4.73	135552	10.59
V6W1141-SCC	32333	3.34	165272	4.74	136138	10.59
V6W1141-SCC	32492	3.34	164652	4.74	137391	10.59
V6W1141-SCC	31982	3.34	163421	4.73	136738	10.59

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = + 40% of check standard area; Retention time + 0.33 minutes.

Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Check Std:	V6W1141-CC1125	**Injection Date:**	11/07/22
Lab File ID:	6W26945.D	**Injection Time:**	08:11
Instrument ID:	GCMS6W	**Method:**	TO-15

Lab	IS 1		IS 2		IS 3	
Sample ID	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**

(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Check Std: V6W1142-CC1125 **Injection Date:** 11/08/22
Lab File ID: 6W26990.D **Injection Time:** 13:46
Instrument ID: GCMS6W **Method:** TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	42449	3.34	214251	4.73	161482	10.58
Upper Limit [a]	59429	3.67	299951	5.06	226075	10.91
Lower Limit [b]	25469	3.01	128551	4.40	96889	10.25

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V6W1142-BS	42763	3.34	215690	4.73	162892	10.58
V6W1142-BSD	45121	3.34	225399	4.73	172398	10.59
V6W1142-MB	42962	3.34	188822	4.73	158207	10.58
V6W1142-SCC	42731	3.34	187943	4.73	159540	10.58
V6W1142-SCC	42961	3.34	189202	4.73	162059	10.59
V6W1142-SCC	40805	3.34	189643	4.73	160466	10.58
V6W1142-SCC	42475	3.34	216265	4.73	161249	10.58
V6W1142-SCC	41850	3.34	191150	4.73	160454	10.59
V6W1142-SCC	40175	3.34	192421	4.73	164222	10.58
V6W1142-SCC	39498	3.34	193634	4.74	164517	10.59
V6W1142-SCC	42607	3.34	219656	4.74	163382	10.59
V6W1142-SCC	42175	3.34	214235	4.74	158670	10.59
V6W1142-SCC	43256	3.34	215401	4.73	159383	10.58
V6W1142-SCC	43287	3.34	219160	4.73	160693	10.58
V6W1142-SCC	41930	3.34	216027	4.74	158731	10.59
V6W1142-SCC	42530	3.34	191126	4.74	160248	10.59
V6W1142-SCC	43355	3.34	193088	4.73	164292	10.58
V6W1142-SCC	44694	3.34	201645	4.74	170864	10.59
V6W1142-SCC	42048	3.34	195097	4.73	165386	10.59
V6W1142-SCC	41214	3.34	197596	4.74	165940	10.59
V6W1142-SCC	41794	3.34	197038	4.73	170407	10.58
V6W1142-SCC	41501	3.34	198464	4.74	168677	10.59
V6W1142-SCC	41414	3.34	197098	4.73	166339	10.59
V6W1142-SCC	43605	3.34	193857	4.74	166439	10.59

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = + 40% of check standard area; Retention time + 0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Tetrachloroethylene	13.38	14.04	0.953	ok	0.953	0.893-1.013
Trichloroethylene	10.45	9.78	1.069	ok	1.068	1.008-1.128

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.07	ok	8.08	7.75-8.41	103899	ok	106944	64166-149722
1,4-Difluorobenzene	9.78	ok	9.79	9.46-10.12	519946	ok	536690	322014-751366
Chlorobenzene-D5	14.04	ok	14.04	13.71-14.37	259722	ok	305298	183179-427417

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	5.63	8.07	0.698	ok	0.696	0.636-0.756
Acrolein	5.51	8.07	0.683	ok	0.683	0.623-0.743
Acrylonitrile	5.96	8.07	0.739	ok	0.738	0.678-0.798
Acetonitrile	5.43	8.07	0.673	ok	0.671	0.611-0.731
1,3-Butadiene	4.83	8.07	0.599	ok	0.599	0.539-0.659
Benzene	9.48	9.78	0.969	ok	0.969	0.909-1.029
Bromobenzene	15.95	14.04	1.136	ok	1.136	1.076-1.196
Bromodichloromethane	10.42	9.78	1.065	ok	1.065	1.005-1.125
Bromoform	14.77	14.04	1.052	ok	1.052	0.992-1.112
Bromomethane	5.04	8.07	0.625	ok	0.625	0.565-0.685
Bromoethene	5.43	8.07	0.673	ok	0.673	0.613-0.733
n-Butane	4.88	8.07	0.605	ok	0.604	0.544-0.664
Benzyl Chloride	17.33	14.04	1.234	ok	1.234	1.174-1.294
n-Butylbenzene	18.15	14.04	1.293	ok	1.292	1.232-1.352
sec-Butylbenzene	17.47	14.04	1.244	ok	1.244	1.184-1.304
tert-Butylbenzene	17.15	14.04	1.222	ok	1.222	1.162-1.282
Carbon disulfide	6.59	8.07	0.817	ok	0.816	0.756-0.876
Chlorobenzene	14.09	14.04	1.004	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.37	8.07	0.542	ok	0.541	0.481-0.601
Chloroethane	5.18	8.07	0.642	ok	0.640	0.580-0.700
Chlorotrifluoroethene	4.40	8.07	0.545	ok	0.545	0.485-0.605
Chloroform	8.18	8.07	1.014	ok	1.013	0.953-1.073
Chloromethane	4.59	8.07	0.569	ok	0.567	0.507-0.627
3-Chloropropene	6.41	8.07	0.794	ok	0.794	0.734-0.854
2-Chlorotoluene	16.40	14.04	1.168	ok	1.167	1.107-1.227
Carbon tetrachloride	9.62	8.07	1.192	ok	1.191	1.131-1.251
Cyclohexane	9.73	9.78	0.995	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.23	8.07	0.896	ok	0.895	0.835-0.955
1,1-Dichloroethylene	6.24	8.07	0.773	ok	0.771	0.711-0.831
1,2-Dibromoethane (EDB)	12.92	14.04	0.920	ok	0.920	0.860-0.980
1,2-Dichloroethane	8.84	8.07	1.095	ok	1.094	1.034-1.154
1,2-Dichloropropane	10.24	9.78	1.047	ok	1.046	0.986-1.106
1,3-Dichloropropane	12.26	9.78	1.254	ok	1.253	1.193-1.313
1,4-Dioxane	10.51	9.78	1.075	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.45	8.07	0.551	ok	0.551	0.491-0.611
Dichlorofluoromethane	5.23	8.07	0.648	ok	0.647	0.587-0.707
Dibromochloromethane	12.67	14.04	0.902	ok	0.902	0.842-0.962
Dibromomethane	10.21	9.78	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	7.07	8.07	0.876	ok	0.874	0.814-0.934

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	7.92	8.07	0.981	ok	0.982	0.922-1.042
cis-1,3-Dichloropropene	11.27	9.78	1.152	ok	1.152	1.092-1.212
m-Dichlorobenzene	17.34	14.04	1.235	ok	1.235	1.175-1.295
o-Dichlorobenzene	17.81	14.04	1.269	ok	1.269	1.209-1.329
p-Dichlorobenzene	17.42	14.04	1.241	ok	1.241	1.181-1.301
trans-1,3-Dichloropropene	11.78	9.78	1.204	ok	1.204	1.144-1.264
Di-Isopropyl ether	8.09	8.07	1.002	ok	1.001	0.941-1.061
2,3-Dimethylpentane	9.92	9.78	1.014	ok	1.015	0.955-1.075
2,4-Dimethylpentane	8.86	8.07	1.098	ok	1.097	1.037-1.157
Ethanol	5.25	8.07	0.651	ok	0.649	0.589-0.709
Ethylbenzene	14.48	14.04	1.031	ok	1.031	0.971-1.091
Ethyl Acetate	8.11	8.07	1.005	ok	1.003	0.943-1.063
Ethyl Acrylate	10.22	9.78	1.045	ok	1.044	0.984-1.104
4-Ethyltoluene	16.60	14.04	1.182	ok	1.182	1.122-1.242
Freon 113	6.51	8.07	0.807	ok	0.806	0.746-0.866
Freon 114	4.65	8.07	0.576	ok	0.576	0.516-0.636
Freon 115	4.24	8.07	0.525	ok	0.526	0.466-0.586
Freon 123	5.52	8.07	0.684	ok	0.684	0.624-0.744
Freon 123A	5.57	8.07	0.690	ok	0.689	0.629-0.749
Freon 142B	4.56	8.07	0.565	ok	0.564	0.504-0.624
Freon 152A	4.34	8.07	0.538	ok	0.537	0.477-0.597
Heptane	10.71	9.78	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.33	14.04	1.448	ok	1.448	1.388-1.508
Hexachloroethane	18.59	14.04	1.324	ok	1.324	1.264-1.384
Hexane	8.09	8.07	1.002	ok	1.002	0.942-1.062
2-Hexanone	12.51	14.04	0.891	ok	0.890	0.830-0.950
Iodomethane	6.18	8.07	0.766	ok	0.766	0.706-0.826
Isopropylbenzene	15.84	14.04	1.128	ok	1.128	1.068-1.188
Isopropyl Alcohol	5.79	8.07	0.717	ok	0.716	0.656-0.776
p-Isopropyltoluene	17.66	14.04	1.258	ok	1.258	1.198-1.318
Methylene chloride	6.32	8.07	0.783	ok	0.782	0.722-0.842
Methyl ethyl ketone	7.58	8.07	0.939	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.32	9.78	1.157	ok	1.156	1.096-1.216
Methyl Tert Butyl Ether	7.28	8.07	0.902	ok	0.901	0.841-0.961
Methylmethacrylate	10.63	9.78	1.087	ok	1.086	1.026-1.146
Naphthalene	19.92	14.04	1.419	ok	1.419	1.359-1.479
Nonane	15.41	14.04	1.098	ok	1.098	1.038-1.158
Octane	13.21	14.04	0.941	ok	0.941	0.881-1.001
Pentane	6.00	8.07	0.743	ok	0.743	0.683-0.803

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
n-Propylbenzene	16.43	14.04	1.170	ok	1.170	1.110-1.230
Propylene	4.41	8.07	0.546	ok	0.544	0.484-0.604
Styrene	15.06	14.04	1.073	ok	1.073	1.013-1.133
1,1,1-Trichloroethane	9.07	8.07	1.124	ok	1.123	1.063-1.183
1,1,1,2-Tetrachloroethane	14.07	14.04	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	15.17	14.04	1.080	ok	1.081	1.021-1.141
1,1,2-Trichloroethane	11.96	9.78	1.223	ok	1.222	1.162-1.282
1,2,4-Trichlorobenzene	19.80	14.04	1.410	ok	1.410	1.350-1.470
1,2,3-Trichloropropane	15.33	14.04	1.092	ok	1.091	1.031-1.151
1,2,3-Trimethylbenzene	17.66	14.04	1.258	ok	1.258	1.198-1.318
1,2,4-Trimethylbenzene	17.16	14.04	1.222	ok	1.222	1.162-1.282
1,3,5-Trimethylbenzene	16.69	14.04	1.189	ok	1.188	1.128-1.248
2,2,4-Trimethylpentane	10.47	9.78	1.071	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.26	8.07	0.776	ok	0.774	0.714-0.834
Tetrachloroethylene	13.38	14.04	0.953	ok	0.953	0.893-1.013
Tetrahydrofuran	8.60	8.07	1.066	ok	1.061	1.001-1.121
Toluene	12.23	9.78	1.251	ok	1.250	1.190-1.310
Trichloroethylene	10.46	9.78	1.070	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.74	8.07	0.711	ok	0.711	0.651-0.771
Vinyl chloride	4.74	8.07	0.587	ok	0.587	0.527-0.647
Vinyl Acetate	7.33	8.07	0.908	ok	0.908	0.848-0.968
m,p-Xylene	14.67	14.04	1.045	ok	1.045	0.985-1.105
o-Xylene	15.18	14.04	1.081	ok	1.081	1.021-1.141
TVHC As Equiv Pentane	6.00	14.04	0.427	ok	0.427	0.367-0.487

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.07	ok	8.08	7.75-8.41	104498	ok	106944	64166-149722
1,4-Difluorobenzene	9.78	ok	9.79	9.46-10.12	526227	ok	536690	322014-751366
Chlorobenzene-D5	14.04	ok	14.04	13.71-14.37	262909	ok	305298	183179-427417

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	5.63	8.07	0.698	ok	0.696	0.636-0.756
Acrolein	5.51	8.07	0.683	ok	0.683	0.623-0.743
Acrylonitrile	5.96	8.07	0.739	ok	0.738	0.678-0.798
Acetonitrile	5.43	8.07	0.673	ok	0.671	0.611-0.731
1,3-Butadiene	4.84	8.07	0.600	ok	0.599	0.539-0.659
Benzene	9.48	9.78	0.969	ok	0.969	0.909-1.029
Bromobenzene	15.95	14.04	1.136	ok	1.136	1.076-1.196
Bromodichloromethane	10.42	9.78	1.065	ok	1.065	1.005-1.125
Bromoform	14.77	14.04	1.052	ok	1.052	0.992-1.112
Bromomethane	5.04	8.07	0.625	ok	0.625	0.565-0.685
Bromoethene	5.43	8.07	0.673	ok	0.673	0.613-0.733
n-Butane	4.87	8.07	0.603	ok	0.604	0.544-0.664
Benzyl Chloride	17.32	14.04	1.234	ok	1.234	1.174-1.294
n-Butylbenzene	18.15	14.04	1.293	ok	1.292	1.232-1.352
sec-Butylbenzene	17.47	14.04	1.244	ok	1.244	1.184-1.304
tert-Butylbenzene	17.15	14.04	1.222	ok	1.222	1.162-1.282
Carbon disulfide	6.58	8.07	0.815	ok	0.816	0.756-0.876
Chlorobenzene	14.08	14.04	1.003	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.37	8.07	0.542	ok	0.541	0.481-0.601
Chloroethane	5.17	8.07	0.641	ok	0.640	0.580-0.700
Chlorotrifluoroethene	4.40	8.07	0.545	ok	0.545	0.485-0.605
Chloroform	8.18	8.07	1.014	ok	1.013	0.953-1.073
Chloromethane	4.57	8.07	0.566	ok	0.567	0.507-0.627
3-Chloropropene	6.41	8.07	0.794	ok	0.794	0.734-0.854
2-Chlorotoluene	16.39	14.04	1.167	ok	1.167	1.107-1.227
Carbon tetrachloride	9.62	8.07	1.192	ok	1.191	1.131-1.251
Cyclohexane	9.73	9.78	0.995	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.23	8.07	0.896	ok	0.895	0.835-0.955
1,1-Dichloroethylene	6.22	8.07	0.771	ok	0.771	0.711-0.831
1,2-Dibromoethane (EDB)	12.92	14.04	0.920	ok	0.920	0.860-0.980
1,2-Dichloroethane	8.83	8.07	1.094	ok	1.094	1.034-1.154
1,2-Dichloropropane	10.23	9.78	1.046	ok	1.046	0.986-1.106
1,3-Dichloropropane	12.26	9.78	1.254	ok	1.253	1.193-1.313
1,4-Dioxane	10.50	9.78	1.074	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.45	8.07	0.551	ok	0.551	0.491-0.611
Dichlorofluoromethane	5.23	8.07	0.648	ok	0.647	0.587-0.707
Dibromochloromethane	12.67	14.04	0.902	ok	0.902	0.842-0.962
Dibromomethane	10.21	9.78	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	7.07	8.07	0.876	ok	0.874	0.814-0.934

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	7.93	8.07	0.983	ok	0.982	0.922-1.042
cis-1,3-Dichloropropene	11.27	9.78	1.152	ok	1.152	1.092-1.212
m-Dichlorobenzene	17.34	14.04	1.235	ok	1.235	1.175-1.295
o-Dichlorobenzene	17.81	14.04	1.269	ok	1.269	1.209-1.329
p-Dichlorobenzene	17.42	14.04	1.241	ok	1.241	1.181-1.301
trans-1,3-Dichloropropene	11.78	9.78	1.204	ok	1.204	1.144-1.264
Di-Isopropyl ether	8.09	8.07	1.002	ok	1.001	0.941-1.061
2,3-Dimethylpentane	9.94	9.78	1.016	ok	1.015	0.955-1.075
2,4-Dimethylpentane	8.86	8.07	1.098	ok	1.097	1.037-1.157
Ethanol	5.25	8.07	0.651	ok	0.649	0.589-0.709
Ethylbenzene	14.48	14.04	1.031	ok	1.031	0.971-1.091
Ethyl Acetate	8.10	8.07	1.004	ok	1.003	0.943-1.063
Ethyl Acrylate	10.22	9.78	1.045	ok	1.044	0.984-1.104
4-Ethyltoluene	16.60	14.04	1.182	ok	1.182	1.122-1.242
Freon 113	6.51	8.07	0.807	ok	0.806	0.746-0.866
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Freon 115	4.25	8.07	0.527	ok	0.526	0.466-0.586
Freon 123	5.52	8.07	0.684	ok	0.684	0.624-0.744
Freon 123A	5.57	8.07	0.690	ok	0.689	0.629-0.749
Freon 142B	4.56	8.07	0.565	ok	0.564	0.504-0.624
Freon 152A	4.33	8.07	0.537	ok	0.537	0.477-0.597
Heptane	10.71	9.78	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.33	14.04	1.448	ok	1.448	1.388-1.508
Hexachloroethane	18.59	14.04	1.324	ok	1.324	1.264-1.384
Hexane	8.09	8.07	1.002	ok	1.002	0.942-1.062
2-Hexanone	12.50	14.04	0.890	ok	0.890	0.830-0.950
Iodomethane	6.18	8.07	0.766	ok	0.766	0.706-0.826
Isopropylbenzene	15.84	14.04	1.128	ok	1.128	1.068-1.188
Isopropyl Alcohol	5.80	8.07	0.719	ok	0.716	0.656-0.776
p-Isopropyltoluene	17.66	14.04	1.258	ok	1.258	1.198-1.318
Methylene chloride	6.32	8.07	0.783	ok	0.782	0.722-0.842
Methyl ethyl ketone	7.57	8.07	0.938	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.33	9.78	1.158	ok	1.156	1.096-1.216
Methyl Tert Butyl Ether	7.29	8.07	0.903	ok	0.901	0.841-0.961
Methylmethacrylate	10.63	9.78	1.087	ok	1.086	1.026-1.146
Naphthalene	19.92	14.04	1.419	ok	1.419	1.359-1.479
Nonane	15.41	14.04	1.098	ok	1.098	1.038-1.158
Octane	13.21	14.04	0.941	ok	0.941	0.881-1.001
Pentane	6.00	8.07	0.743	ok	0.743	0.683-0.803

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
n-Propylbenzene	16.43	14.04	1.170	ok	1.170	1.110-1.230
Propylene	4.39	8.07	0.544	ok	0.544	0.484-0.604
Styrene	15.06	14.04	1.073	ok	1.073	1.013-1.133
1,1,1-Trichloroethane	9.07	8.07	1.124	ok	1.123	1.063-1.183
1,1,1,2-Tetrachloroethane	14.07	14.04	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	15.18	14.04	1.081	ok	1.081	1.021-1.141
1,1,2-Trichloroethane	11.96	9.78	1.223	ok	1.222	1.162-1.282
1,2,4-Trichlorobenzene	19.80	14.04	1.410	ok	1.410	1.350-1.470
1,2,3-Trichloropropane	15.33	14.04	1.092	ok	1.091	1.031-1.151
1,2,3-Trimethylbenzene	17.66	14.04	1.258	ok	1.258	1.198-1.318
1,2,4-Trimethylbenzene	17.16	14.04	1.222	ok	1.222	1.162-1.282
1,3,5-Trimethylbenzene	16.69	14.04	1.189	ok	1.188	1.128-1.248
2,2,4-Trimethylpentane	10.47	9.78	1.071	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.27	8.07	0.777	ok	0.774	0.714-0.834
Tetrachloroethylene	13.38	14.04	0.953	ok	0.953	0.893-1.013
Tetrahydrofuran	8.59	8.07	1.064	ok	1.061	1.001-1.121
Toluene	12.23	9.78	1.251	ok	1.250	1.190-1.310
Trichloroethylene	10.45	9.78	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.74	8.07	0.711	ok	0.711	0.651-0.771
Vinyl chloride	4.74	8.07	0.587	ok	0.587	0.527-0.647
Vinyl Acetate	7.34	8.07	0.910	ok	0.908	0.848-0.968
m,p-Xylene	14.67	14.04	1.045	ok	1.045	0.985-1.105
o-Xylene	15.19	14.04	1.082	ok	1.081	1.021-1.141
TVHC As Equiv Pentane	6.01	14.04	0.428	ok	0.427	0.367-0.487

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.07	ok	8.08	7.75-8.41	105681	ok	106944	64166-149722
1,4-Difluorobenzene	9.78	ok	9.79	9.46-10.12	528467	ok	536690	322014-751366
Chlorobenzene-D5	14.04	ok	14.04	13.71-14.37	263945	ok	305298	183179-427417

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	5.62	8.07	0.696	ok	0.696	0.636-0.756
Acrolein	5.52	8.07	0.684	ok	0.683	0.623-0.743
Acrylonitrile	5.96	8.07	0.739	ok	0.738	0.678-0.798
Acetonitrile	5.41	8.07	0.670	ok	0.671	0.611-0.731
1,3-Butadiene	4.84	8.07	0.600	ok	0.599	0.539-0.659
Benzene	9.48	9.78	0.969	ok	0.969	0.909-1.029
Bromobenzene	15.95	14.04	1.136	ok	1.136	1.076-1.196
Bromodichloromethane	10.42	9.78	1.065	ok	1.065	1.005-1.125
Bromoform	14.77	14.04	1.052	ok	1.052	0.992-1.112
Bromomethane	5.05	8.07	0.626	ok	0.625	0.565-0.685
Bromoethene	5.43	8.07	0.673	ok	0.673	0.613-0.733
n-Butane	4.87	8.07	0.603	ok	0.604	0.544-0.664
Benzyl Chloride	17.32	14.04	1.234	ok	1.234	1.174-1.294
n-Butylbenzene	18.15	14.04	1.293	ok	1.292	1.232-1.352
sec-Butylbenzene	17.47	14.04	1.244	ok	1.244	1.184-1.304
tert-Butylbenzene	17.15	14.04	1.222	ok	1.222	1.162-1.282
Carbon disulfide	6.59	8.07	0.817	ok	0.816	0.756-0.876
Chlorobenzene	14.09	14.04	1.004	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.37	8.07	0.542	ok	0.541	0.481-0.601
Chloroethane	5.17	8.07	0.641	ok	0.640	0.580-0.700
Chlorotrifluoroethene	4.40	8.07	0.545	ok	0.545	0.485-0.605
Chloroform	8.18	8.07	1.014	ok	1.013	0.953-1.073
Chloromethane	4.58	8.07	0.568	ok	0.567	0.507-0.627
3-Chloropropene	6.41	8.07	0.794	ok	0.794	0.734-0.854
2-Chlorotoluene	16.39	14.04	1.167	ok	1.167	1.107-1.227
Carbon tetrachloride	9.62	8.07	1.192	ok	1.191	1.131-1.251
Cyclohexane	9.73	9.78	0.995	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.23	8.07	0.896	ok	0.895	0.835-0.955
1,1-Dichloroethylene	6.23	8.07	0.772	ok	0.771	0.711-0.831
1,2-Dibromoethane (EDB)	12.92	14.04	0.920	ok	0.920	0.860-0.980
1,2-Dichloroethane	8.83	8.07	1.094	ok	1.094	1.034-1.154
1,2-Dichloropropane	10.23	9.78	1.046	ok	1.046	0.986-1.106
1,3-Dichloropropane	12.26	9.78	1.254	ok	1.253	1.193-1.313
1,4-Dioxane	10.48	9.78	1.072	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.45	8.07	0.551	ok	0.551	0.491-0.611
Dichlorofluoromethane	5.23	8.07	0.648	ok	0.647	0.587-0.707
Dibromochloromethane	12.67	14.04	0.902	ok	0.902	0.842-0.962
Dibromomethane	10.21	9.78	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	7.06	8.07	0.875	ok	0.874	0.814-0.934

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	7.93	8.07	0.983	ok	0.982	0.922-1.042
cis-1,3-Dichloropropene	11.27	9.78	1.152	ok	1.152	1.092-1.212
m-Dichlorobenzene	17.34	14.04	1.235	ok	1.235	1.175-1.295
o-Dichlorobenzene	17.81	14.04	1.269	ok	1.269	1.209-1.329
p-Dichlorobenzene	17.42	14.04	1.241	ok	1.241	1.181-1.301
trans-1,3-Dichloropropene	11.78	9.78	1.204	ok	1.204	1.144-1.264
Di-Isopropyl ether	8.09	8.07	1.002	ok	1.001	0.941-1.061
2,3-Dimethylpentane	9.93	9.78	1.015	ok	1.015	0.955-1.075
2,4-Dimethylpentane	8.86	8.07	1.098	ok	1.097	1.037-1.157
Ethanol	5.25	8.07	0.651	ok	0.649	0.589-0.709
Ethylbenzene	14.48	14.04	1.031	ok	1.031	0.971-1.091
Ethyl Acetate	8.10	8.07	1.004	ok	1.003	0.943-1.063
Ethyl Acrylate	10.21	9.78	1.044	ok	1.044	0.984-1.104
4-Ethyltoluene	16.60	14.04	1.182	ok	1.182	1.122-1.242
Freon 113	6.51	8.07	0.807	ok	0.806	0.746-0.866
Freon 114	4.64	8.07	0.575	ok	0.576	0.516-0.636
Freon 123	5.52	8.07	0.684	ok	0.684	0.624-0.744
Freon 123A	5.56	8.07	0.689	ok	0.689	0.629-0.749
Freon 142B	4.55	8.07	0.564	ok	0.564	0.504-0.624
Freon 152A	4.33	8.07	0.537	ok	0.537	0.477-0.597
Heptane	10.71	9.78	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.33	14.04	1.448	ok	1.448	1.388-1.508
Hexachloroethane	18.59	14.04	1.324	ok	1.324	1.264-1.384
Hexane	8.09	8.07	1.002	ok	1.002	0.942-1.062
2-Hexanone	12.50	14.04	0.890	ok	0.890	0.830-0.950
Iodomethane	6.19	8.07	0.767	ok	0.766	0.706-0.826
Isopropylbenzene	15.84	14.04	1.128	ok	1.128	1.068-1.188
Isopropyl Alcohol	5.78	8.07	0.716	ok	0.716	0.656-0.776
p-Isopropyltoluene	17.66	14.04	1.258	ok	1.258	1.198-1.318
Methylene chloride	6.32	8.07	0.783	ok	0.782	0.722-0.842
Methyl ethyl ketone	7.56	8.07	0.937	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.32	9.78	1.157	ok	1.156	1.096-1.216
Methyl Tert Butyl Ether	7.28	8.07	0.902	ok	0.901	0.841-0.961
Methylmethacrylate	10.63	9.78	1.087	ok	1.086	1.026-1.146
Naphthalene	19.93	14.04	1.420	ok	1.419	1.359-1.479
Nonane	15.41	14.04	1.098	ok	1.098	1.038-1.158
Octane	13.21	14.04	0.941	ok	0.941	0.881-1.001
Pentane	6.00	8.07	0.743	ok	0.743	0.683-0.803
n-Propylbenzene	16.43	14.04	1.170	ok	1.170	1.110-1.230

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	4.39	8.07	0.544	ok	0.544	0.484-0.604
Styrene	15.06	14.04	1.073	ok	1.073	1.013-1.133
1,1,1-Trichloroethane	9.06	8.07	1.123	ok	1.123	1.063-1.183
1,1,1,2-Tetrachloroethane	14.07	14.04	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	15.18	14.04	1.081	ok	1.081	1.021-1.141
1,1,2-Trichloroethane	11.96	9.78	1.223	ok	1.222	1.162-1.282
1,2,4-Trichlorobenzene	19.80	14.04	1.410	ok	1.410	1.350-1.470
1,2,3-Trichloropropane	15.32	14.04	1.091	ok	1.091	1.031-1.151
1,2,3-Trimethylbenzene	17.66	14.04	1.258	ok	1.258	1.198-1.318
1,2,4-Trimethylbenzene	17.16	14.04	1.222	ok	1.222	1.162-1.282
1,3,5-Trimethylbenzene	16.69	14.04	1.189	ok	1.188	1.128-1.248
2,2,4-Trimethylpentane	10.47	9.78	1.071	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.25	8.07	0.774	ok	0.774	0.714-0.834
Tetrachloroethylene	13.38	14.04	0.953	ok	0.953	0.893-1.013
Tetrahydrofuran	8.58	8.07	1.063	ok	1.061	1.001-1.121
Toluene	12.23	9.78	1.251	ok	1.250	1.190-1.310
Trichloroethylene	10.45	9.78	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.74	8.07	0.711	ok	0.711	0.651-0.771
Vinyl chloride	4.74	8.07	0.587	ok	0.587	0.527-0.647
Vinyl Acetate	7.33	8.07	0.908	ok	0.908	0.848-0.968
m,p-Xylene	14.67	14.04	1.045	ok	1.045	0.985-1.105
o-Xylene	15.18	14.04	1.081	ok	1.081	1.021-1.141
TVHC As Equiv Pentane	6.00	14.04	0.427	ok	0.427	0.367-0.487

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.07	ok	8.08	7.75-8.41	104940	ok	106944	64166-149722
1,4-Difluorobenzene	9.78	ok	9.79	9.46-10.12	529502	ok	536690	322014-751366
Chlorobenzene-D5	14.04	ok	14.04	13.71-14.37	261020	ok	305298	183179-427417

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	Reporting this level
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	5.62	8.07	0.696	ok	0.696	0.636-0.756
Acrolein	5.51	8.07	0.683	ok	0.683	0.623-0.743
Acrylonitrile	5.96	8.07	0.739	ok	0.738	0.678-0.798
Acetonitrile	5.42	8.07	0.672	ok	0.671	0.611-0.731
1,3-Butadiene	4.84	8.07	0.600	ok	0.599	0.539-0.659
Benzene	9.48	9.78	0.969	ok	0.969	0.909-1.029
Bromobenzene	15.95	14.04	1.136	ok	1.136	1.076-1.196
Bromodichloromethane	10.42	9.78	1.065	ok	1.065	1.005-1.125
Bromoform	14.77	14.04	1.052	ok	1.052	0.992-1.112
Bromomethane	5.05	8.07	0.626	ok	0.625	0.565-0.685
Bromoethene	5.44	8.07	0.674	ok	0.673	0.613-0.733
n-Butane	4.88	8.07	0.605	ok	0.604	0.544-0.664
Benzyl Chloride	17.32	14.04	1.234	ok	1.234	1.174-1.294
n-Butylbenzene	18.15	14.04	1.293	ok	1.292	1.232-1.352
sec-Butylbenzene	17.47	14.04	1.244	ok	1.244	1.184-1.304
tert-Butylbenzene	17.16	14.04	1.222	ok	1.222	1.162-1.282
Carbon disulfide	6.59	8.07	0.817	ok	0.816	0.756-0.876
Chlorobenzene	14.09	14.04	1.004	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.37	8.07	0.542	ok	0.541	0.481-0.601
Chloroethane	5.17	8.07	0.641	ok	0.640	0.580-0.700
Chlorotrifluoroethene	4.40	8.07	0.545	ok	0.545	0.485-0.605
Chloroform	8.18	8.07	1.014	ok	1.013	0.953-1.073
Chloromethane	4.58	8.07	0.568	ok	0.567	0.507-0.627
3-Chloropropene	6.41	8.07	0.794	ok	0.794	0.734-0.854
2-Chlorotoluene	16.39	14.04	1.167	ok	1.167	1.107-1.227
Carbon tetrachloride	9.62	8.07	1.192	ok	1.191	1.131-1.251
Cyclohexane	9.73	9.78	0.995	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.23	8.07	0.896	ok	0.895	0.835-0.955
1,1-Dichloroethylene	6.23	8.07	0.772	ok	0.771	0.711-0.831
1,2-Dibromoethane (EDB)	12.92	14.04	0.920	ok	0.920	0.860-0.980
1,2-Dichloroethane	8.83	8.07	1.094	ok	1.094	1.034-1.154
1,2-Dichloropropane	10.23	9.78	1.046	ok	1.046	0.986-1.106
1,3-Dichloropropane	12.26	9.78	1.254	ok	1.253	1.193-1.313
1,4-Dioxane	10.46	9.78	1.070	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.45	8.07	0.551	ok	0.551	0.491-0.611
Dichlorofluoromethane	5.23	8.07	0.648	ok	0.647	0.587-0.707
Dibromochloromethane	12.67	14.04	0.902	ok	0.902	0.842-0.962
Dibromomethane	10.21	9.78	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	7.06	8.07	0.875	ok	0.874	0.814-0.934

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	Reporting this level
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	7.93	8.07	0.983	ok	0.982	0.922-1.042
cis-1,3-Dichloropropene	11.27	9.78	1.152	ok	1.152	1.092-1.212
m-Dichlorobenzene	17.34	14.04	1.235	ok	1.235	1.175-1.295
o-Dichlorobenzene	17.81	14.04	1.269	ok	1.269	1.209-1.329
p-Dichlorobenzene	17.42	14.04	1.241	ok	1.241	1.181-1.301
trans-1,3-Dichloropropene	11.78	9.78	1.204	ok	1.204	1.144-1.264
Di-Isopropyl ether	8.08	8.07	1.001	ok	1.001	0.941-1.061
2,3-Dimethylpentane	9.93	9.78	1.015	ok	1.015	0.955-1.075
2,4-Dimethylpentane	8.86	8.07	1.098	ok	1.097	1.037-1.157
Ethanol	5.24	8.07	0.649	ok	0.649	0.589-0.709
Ethylbenzene	14.48	14.04	1.031	ok	1.031	0.971-1.091
Ethyl Acetate	8.10	8.07	1.004	ok	1.003	0.943-1.063
Ethyl Acrylate	10.21	9.78	1.044	ok	1.044	0.984-1.104
4-Ethyltoluene	16.60	14.04	1.182	ok	1.182	1.122-1.242
Freon 113	6.51	8.07	0.807	ok	0.806	0.746-0.866
Freon 114	4.65	8.07	0.576	ok	0.576	0.516-0.636
Freon 123	5.52	8.07	0.684	ok	0.684	0.624-0.744
Freon 123A	5.57	8.07	0.690	ok	0.689	0.629-0.749
Freon 142B	4.56	8.07	0.565	ok	0.564	0.504-0.624
Freon 152A	4.34	8.07	0.538	ok	0.537	0.477-0.597
Heptane	10.71	9.78	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.33	14.04	1.448	ok	1.448	1.388-1.508
Hexachloroethane	18.59	14.04	1.324	ok	1.324	1.264-1.384
Hexane	8.09	8.07	1.002	ok	1.002	0.942-1.062
2-Hexanone	12.49	14.04	0.890	ok	0.890	0.830-0.950
Iodomethane	6.19	8.07	0.767	ok	0.766	0.706-0.826
Isopropylbenzene	15.84	14.04	1.128	ok	1.128	1.068-1.188
Isopropyl Alcohol	5.78	8.07	0.716	ok	0.716	0.656-0.776
p-Isopropyltoluene	17.66	14.04	1.258	ok	1.258	1.198-1.318
Methylene chloride	6.32	8.07	0.783	ok	0.782	0.722-0.842
Methyl ethyl ketone	7.56	8.07	0.937	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.30	9.78	1.155	ok	1.156	1.096-1.216
Methyl Tert Butyl Ether	7.27	8.07	0.901	ok	0.901	0.841-0.961
Methylmethacrylate	10.62	9.78	1.086	ok	1.086	1.026-1.146
Naphthalene	19.92	14.04	1.419	ok	1.419	1.359-1.479
Nonane	15.41	14.04	1.098	ok	1.098	1.038-1.158
Octane	13.21	14.04	0.941	ok	0.941	0.881-1.001
Pentane	6.00	8.07	0.743	ok	0.743	0.683-0.803
n-Propylbenzene	16.43	14.04	1.170	ok	1.170	1.110-1.230

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	Reporting this level
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	4.39	8.07	0.544	ok	0.544	0.484-0.604
Styrene	15.06	14.04	1.073	ok	1.073	1.013-1.133
1,1,1-Trichloroethane	9.07	8.07	1.124	ok	1.123	1.063-1.183
1,1,1,2-Tetrachloroethane	14.07	14.04	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	15.18	14.04	1.081	ok	1.081	1.021-1.141
1,1,2-Trichloroethane	11.96	9.78	1.223	ok	1.222	1.162-1.282
1,2,4-Trichlorobenzene	19.80	14.04	1.410	ok	1.410	1.350-1.470
1,2,3-Trichloropropane	15.32	14.04	1.091	ok	1.091	1.031-1.151
1,2,3-Trimethylbenzene	17.66	14.04	1.258	ok	1.258	1.198-1.318
1,2,4-Trimethylbenzene	17.16	14.04	1.222	ok	1.222	1.162-1.282
1,3,5-Trimethylbenzene	16.69	14.04	1.189	ok	1.188	1.128-1.248
2,2,4-Trimethylpentane	10.47	9.78	1.071	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.24	8.07	0.773	ok	0.774	0.714-0.834
Tetrachloroethylene	13.38	14.04	0.953	ok	0.953	0.893-1.013
Tetrahydrofuran	8.56	8.07	1.061	ok	1.061	1.001-1.121
Toluene	12.23	9.78	1.251	ok	1.250	1.190-1.310
Trichloroethylene	10.45	9.78	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.74	8.07	0.711	ok	0.711	0.651-0.771
Vinyl chloride	4.74	8.07	0.587	ok	0.587	0.527-0.647
Vinyl Acetate	7.33	8.07	0.908	ok	0.908	0.848-0.968
m,p-Xylene	14.67	14.04	1.045	ok	1.045	0.985-1.105
o-Xylene	15.18	14.04	1.081	ok	1.081	1.021-1.141
TVHC As Equiv Pentane	6.00	14.04	0.427	ok	0.427	0.367-0.487

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.07	ok	8.08	7.75-8.41	103222	ok	106944	64166-149722
1,4-Difluorobenzene	9.78	ok	9.79	9.46-10.12	512750	ok	536690	322014-751366
Chlorobenzene-D5	14.04	ok	14.04	13.71-14.37	271676	ok	305298	183179-427417

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	5.62	8.08	0.696	ok	0.696	0.636-0.756
Acrolein	5.51	8.08	0.682	ok	0.683	0.623-0.743
Acrylonitrile	5.96	8.08	0.738	ok	0.738	0.678-0.798
Acetonitrile	5.42	8.08	0.671	ok	0.671	0.611-0.731
1,3-Butadiene	4.84	8.08	0.599	ok	0.599	0.539-0.659
Benzene	9.48	9.78	0.969	ok	0.969	0.909-1.029
Bromobenzene	15.95	14.04	1.136	ok	1.136	1.076-1.196
Bromodichloromethane	10.42	9.78	1.065	ok	1.065	1.005-1.125
Bromoform	14.77	14.04	1.052	ok	1.052	0.992-1.112
Bromomethane	5.05	8.08	0.625	ok	0.625	0.565-0.685
Bromoethene	5.43	8.08	0.672	ok	0.673	0.613-0.733
n-Butane	4.88	8.08	0.604	ok	0.604	0.544-0.664
Benzyl Chloride	17.32	14.04	1.234	ok	1.234	1.174-1.294
n-Butylbenzene	18.15	14.04	1.293	ok	1.292	1.232-1.352
sec-Butylbenzene	17.47	14.04	1.244	ok	1.244	1.184-1.304
tert-Butylbenzene	17.16	14.04	1.222	ok	1.222	1.162-1.282
Carbon disulfide	6.59	8.08	0.816	ok	0.816	0.756-0.876
Chlorobenzene	14.09	14.04	1.004	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.37	8.08	0.541	ok	0.541	0.481-0.601
Chloroethane	5.17	8.08	0.640	ok	0.640	0.580-0.700
Chlorotrifluoroethene	4.41	8.08	0.546	ok	0.545	0.485-0.605
Chloroform	8.18	8.08	1.012	ok	1.013	0.953-1.073
Chloromethane	4.58	8.08	0.567	ok	0.567	0.507-0.627
3-Chloropropene	6.41	8.08	0.793	ok	0.794	0.734-0.854
2-Chlorotoluene	16.39	14.04	1.167	ok	1.167	1.107-1.227
Carbon tetrachloride	9.62	8.08	1.191	ok	1.191	1.131-1.251
Cyclohexane	9.73	9.78	0.995	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.23	8.08	0.895	ok	0.895	0.835-0.955
1,1-Dichloroethylene	6.23	8.08	0.771	ok	0.771	0.711-0.831
1,2-Dibromoethane (EDB)	12.92	14.04	0.920	ok	0.920	0.860-0.980
1,2-Dichloroethane	8.83	8.08	1.093	ok	1.094	1.034-1.154
1,2-Dichloropropane	10.23	9.78	1.046	ok	1.046	0.986-1.106
1,3-Dichloropropane	12.26	9.78	1.254	ok	1.253	1.193-1.313
1,4-Dioxane	10.46	9.78	1.070	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.45	8.08	0.551	ok	0.551	0.491-0.611
Dichlorofluoromethane	5.23	8.08	0.647	ok	0.647	0.587-0.707
Dibromochloromethane	12.67	14.04	0.902	ok	0.902	0.842-0.962
Dibromomethane	10.21	9.78	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	7.06	8.08	0.874	ok	0.874	0.814-0.934

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	7.93	8.08	0.981	ok	0.982	0.922-1.042
cis-1,3-Dichloropropene	11.27	9.78	1.152	ok	1.152	1.092-1.212
m-Dichlorobenzene	17.34	14.04	1.235	ok	1.235	1.175-1.295
o-Dichlorobenzene	17.81	14.04	1.269	ok	1.269	1.209-1.329
p-Dichlorobenzene	17.42	14.04	1.241	ok	1.241	1.181-1.301
trans-1,3-Dichloropropene	11.78	9.78	1.204	ok	1.204	1.144-1.264
Di-Isopropyl ether	8.08	8.08	1.000	ok	1.001	0.941-1.061
2,3-Dimethylpentane	9.93	9.78	1.015	ok	1.015	0.955-1.075
2,4-Dimethylpentane	8.86	8.08	1.097	ok	1.097	1.037-1.157
Ethanol	5.24	8.08	0.649	ok	0.649	0.589-0.709
Ethylbenzene	14.48	14.04	1.031	ok	1.031	0.971-1.091
Ethyl Acetate	8.10	8.08	1.002	ok	1.003	0.943-1.063
Ethyl Acrylate	10.21	9.78	1.044	ok	1.044	0.984-1.104
4-Ethyltoluene	16.60	14.04	1.182	ok	1.182	1.122-1.242
Freon 113	6.51	8.08	0.806	ok	0.806	0.746-0.866
Freon 114	4.65	8.08	0.575	ok	0.576	0.516-0.636
Freon 123	5.52	8.08	0.683	ok	0.684	0.624-0.744
Freon 123A	5.57	8.08	0.689	ok	0.689	0.629-0.749
Freon 142B	4.56	8.08	0.564	ok	0.564	0.504-0.624
Freon 152A	4.34	8.08	0.537	ok	0.537	0.477-0.597
Heptane	10.71	9.78	1.095	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.33	14.04	1.448	ok	1.448	1.388-1.508
Hexachloroethane	18.59	14.04	1.324	ok	1.324	1.264-1.384
Hexane	8.09	8.08	1.001	ok	1.002	0.942-1.062
2-Hexanone	12.49	14.04	0.890	ok	0.890	0.830-0.950
Iodomethane	6.19	8.08	0.766	ok	0.766	0.706-0.826
Isopropylbenzene	15.84	14.04	1.128	ok	1.128	1.068-1.188
Isopropyl Alcohol	5.78	8.08	0.715	ok	0.716	0.656-0.776
p-Isopropyltoluene	17.66	14.04	1.258	ok	1.258	1.198-1.318
Methylene chloride	6.32	8.08	0.782	ok	0.782	0.722-0.842
Methyl ethyl ketone	7.56	8.08	0.936	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.30	9.78	1.155	ok	1.156	1.096-1.216
Methyl Tert Butyl Ether	7.27	8.08	0.900	ok	0.901	0.841-0.961
Methylmethacrylate	10.62	9.78	1.086	ok	1.086	1.026-1.146
Naphthalene	19.92	14.04	1.419	ok	1.419	1.359-1.479
Nonane	15.41	14.04	1.098	ok	1.098	1.038-1.158
Octane	13.21	14.04	0.941	ok	0.941	0.881-1.001
Pentane	6.00	8.08	0.743	ok	0.743	0.683-0.803
n-Propylbenzene	16.43	14.04	1.170	ok	1.170	1.110-1.230

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	4.40	8.08	0.545	ok	0.544	0.484-0.604
Styrene	15.06	14.04	1.073	ok	1.073	1.013-1.133
1,1,1-Trichloroethane	9.07	8.08	1.123	ok	1.123	1.063-1.183
1,1,1,2-Tetrachloroethane	14.07	14.04	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	15.18	14.04	1.081	ok	1.081	1.021-1.141
1,1,2-Trichloroethane	11.96	9.78	1.223	ok	1.222	1.162-1.282
1,2,4-Trichlorobenzene	19.80	14.04	1.410	ok	1.410	1.350-1.470
1,2,3-Trichloropropane	15.32	14.04	1.091	ok	1.091	1.031-1.151
1,2,3-Trimethylbenzene	17.66	14.04	1.258	ok	1.258	1.198-1.318
1,2,4-Trimethylbenzene	17.16	14.04	1.222	ok	1.222	1.162-1.282
1,3,5-Trimethylbenzene	16.69	14.04	1.189	ok	1.188	1.128-1.248
2,2,4-Trimethylpentane	10.47	9.78	1.071	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.24	8.08	0.772	ok	0.774	0.714-0.834
Tetrachloroethylene	13.38	14.04	0.953	ok	0.953	0.893-1.013
Tetrahydrofuran	8.55	8.08	1.058	ok	1.061	1.001-1.121
Toluene	12.23	9.78	1.251	ok	1.250	1.190-1.310
Trichloroethylene	10.45	9.78	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.74	8.08	0.710	ok	0.711	0.651-0.771
Vinyl chloride	4.74	8.08	0.587	ok	0.587	0.527-0.647
Vinyl Acetate	7.33	8.08	0.907	ok	0.908	0.848-0.968
m,p-Xylene	14.67	14.04	1.045	ok	1.045	0.985-1.105
o-Xylene	15.19	14.04	1.082	ok	1.081	1.021-1.141
TVHC As Equiv Pentane	6.00	14.04	0.427	ok	0.427	0.367-0.487

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.08	ok	8.08	7.75-8.41	107600	ok	106944	64166-149722
1,4-Difluorobenzene	9.78	ok	9.79	9.46-10.12	529742	ok	536690	322014-751366
Chlorobenzene-D5	14.04	ok	14.04	13.71-14.37	292330	ok	305298	183179-427417

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	5.61	8.08	0.694	ok	0.696	0.636-0.756
Acrolein	5.51	8.08	0.682	ok	0.683	0.623-0.743
Acrylonitrile	5.96	8.08	0.738	ok	0.738	0.678-0.798
Acetonitrile	5.41	8.08	0.670	ok	0.671	0.611-0.731
1,3-Butadiene	4.84	8.08	0.599	ok	0.599	0.539-0.659
Benzene	9.48	9.79	0.968	ok	0.969	0.909-1.029
Bromobenzene	15.95	14.05	1.135	ok	1.136	1.076-1.196
Bromodichloromethane	10.42	9.79	1.064	ok	1.065	1.005-1.125
Bromoform	14.77	14.05	1.051	ok	1.052	0.992-1.112
Bromomethane	5.05	8.08	0.625	ok	0.625	0.565-0.685
Bromoethene	5.43	8.08	0.672	ok	0.673	0.613-0.733
n-Butane	4.88	8.08	0.604	ok	0.604	0.544-0.664
Benzyl Chloride	17.33	14.05	1.233	ok	1.234	1.174-1.294
n-Butylbenzene	18.15	14.05	1.292	ok	1.292	1.232-1.352
sec-Butylbenzene	17.47	14.05	1.243	ok	1.244	1.184-1.304
tert-Butylbenzene	17.16	14.05	1.221	ok	1.222	1.162-1.282
Carbon disulfide	6.59	8.08	0.816	ok	0.816	0.756-0.876
Chlorobenzene	14.09	14.05	1.003	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.37	8.08	0.541	ok	0.541	0.481-0.601
Chloroethane	5.17	8.08	0.640	ok	0.640	0.580-0.700
Chlorotrifluoroethene	4.40	8.08	0.545	ok	0.545	0.485-0.605
Chloroform	8.19	8.08	1.014	ok	1.013	0.953-1.073
Chloromethane	4.58	8.08	0.567	ok	0.567	0.507-0.627
3-Chloropropene	6.41	8.08	0.793	ok	0.794	0.734-0.854
2-Chlorotoluene	16.39	14.05	1.167	ok	1.167	1.107-1.227
Carbon tetrachloride	9.62	8.08	1.191	ok	1.191	1.131-1.251
Cyclohexane	9.73	9.79	0.994	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.23	8.08	0.895	ok	0.895	0.835-0.955
1,1-Dichloroethylene	6.23	8.08	0.771	ok	0.771	0.711-0.831
1,2-Dibromoethane (EDB)	12.92	14.05	0.920	ok	0.920	0.860-0.980
1,2-Dichloroethane	8.84	8.08	1.094	ok	1.094	1.034-1.154
1,2-Dichloropropane	10.24	9.79	1.046	ok	1.046	0.986-1.106
1,3-Dichloropropane	12.27	9.79	1.253	ok	1.253	1.193-1.313
1,4-Dioxane	10.46	9.79	1.068	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.45	8.08	0.551	ok	0.551	0.491-0.611
Dichlorofluoromethane	5.23	8.08	0.647	ok	0.647	0.587-0.707
Dibromochloromethane	12.67	14.05	0.902	ok	0.902	0.842-0.962
Dibromomethane	10.22	9.79	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	7.06	8.08	0.874	ok	0.874	0.814-0.934

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	7.93	8.08	0.981	ok	0.982	0.922-1.042
cis-1,3-Dichloropropene	11.27	9.79	1.151	ok	1.152	1.092-1.212
m-Dichlorobenzene	17.34	14.05	1.234	ok	1.235	1.175-1.295
o-Dichlorobenzene	17.82	14.05	1.268	ok	1.269	1.209-1.329
p-Dichlorobenzene	17.42	14.05	1.240	ok	1.241	1.181-1.301
trans-1,3-Dichloropropene	11.78	9.79	1.203	ok	1.204	1.144-1.264
Di-Isopropyl ether	8.08	8.08	1.000	ok	1.001	0.941-1.061
2,3-Dimethylpentane	9.94	9.79	1.015	ok	1.015	0.955-1.075
2,4-Dimethylpentane	8.86	8.08	1.097	ok	1.097	1.037-1.157
Ethanol	5.24	8.08	0.649	ok	0.649	0.589-0.709
Ethylbenzene	14.49	14.05	1.031	ok	1.031	0.971-1.091
Ethyl Acetate	8.10	8.08	1.002	ok	1.003	0.943-1.063
Ethyl Acrylate	10.21	9.79	1.043	ok	1.044	0.984-1.104
4-Ethyltoluene	16.60	14.05	1.181	ok	1.182	1.122-1.242
Freon 113	6.51	8.08	0.806	ok	0.806	0.746-0.866
Freon 114	4.65	8.08	0.575	ok	0.576	0.516-0.636
Freon 123	5.52	8.08	0.683	ok	0.684	0.624-0.744
Freon 123A	5.57	8.08	0.689	ok	0.689	0.629-0.749
Freon 142B	4.56	8.08	0.564	ok	0.564	0.504-0.624
Freon 152A	4.34	8.08	0.537	ok	0.537	0.477-0.597
Heptane	10.71	9.79	1.094	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.33	14.05	1.447	ok	1.448	1.388-1.508
Hexachloroethane	18.59	14.05	1.323	ok	1.324	1.264-1.384
Hexane	8.09	8.08	1.001	ok	1.002	0.942-1.062
2-Hexanone	12.49	14.05	0.889	ok	0.890	0.830-0.950
Iodomethane	6.19	8.08	0.766	ok	0.766	0.706-0.826
Isopropylbenzene	15.84	14.05	1.127	ok	1.128	1.068-1.188
Isopropyl Alcohol	5.79	8.08	0.717	ok	0.716	0.656-0.776
p-Isopropyltoluene	17.66	14.05	1.257	ok	1.258	1.198-1.318
Methylene chloride	6.32	8.08	0.782	ok	0.782	0.722-0.842
Methyl ethyl ketone	7.56	8.08	0.936	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.30	9.79	1.154	ok	1.156	1.096-1.216
Methyl Tert Butyl Ether	7.27	8.08	0.900	ok	0.901	0.841-0.961
Methylmethacrylate	10.63	9.79	1.086	ok	1.086	1.026-1.146
Naphthalene	19.93	14.05	1.419	ok	1.419	1.359-1.479
Nonane	15.42	14.05	1.098	ok	1.098	1.038-1.158
Octane	13.21	14.05	0.940	ok	0.941	0.881-1.001
Pentane	6.00	8.08	0.743	ok	0.743	0.683-0.803
n-Propylbenzene	16.43	14.05	1.169	ok	1.170	1.110-1.230

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	4.40	8.08	0.545	ok	0.544	0.484-0.604
Styrene	15.07	14.05	1.073	ok	1.073	1.013-1.133
1,1,1-Trichloroethane	9.07	8.08	1.123	ok	1.123	1.063-1.183
1,1,1,2-Tetrachloroethane	14.07	14.05	1.001	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	15.18	14.05	1.080	ok	1.081	1.021-1.141
1,1,2-Trichloroethane	11.96	9.79	1.222	ok	1.222	1.162-1.282
1,2,4-Trichlorobenzene	19.80	14.05	1.409	ok	1.410	1.350-1.470
1,2,3-Trichloropropane	15.33	14.05	1.091	ok	1.091	1.031-1.151
1,2,3-Trimethylbenzene	17.66	14.05	1.257	ok	1.258	1.198-1.318
1,2,4-Trimethylbenzene	17.17	14.05	1.222	ok	1.222	1.162-1.282
1,3,5-Trimethylbenzene	16.69	14.05	1.188	ok	1.188	1.128-1.248
2,2,4-Trimethylpentane	10.47	9.79	1.069	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.25	8.08	0.774	ok	0.774	0.714-0.834
Tetrachloroethylene	13.38	14.05	0.952	ok	0.953	0.893-1.013
Tetrahydrofuran	8.55	8.08	1.058	ok	1.061	1.001-1.121
Toluene	12.24	9.79	1.250	ok	1.250	1.190-1.310
Trichloroethylene	10.46	9.79	1.068	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.74	8.08	0.710	ok	0.711	0.651-0.771
Vinyl chloride	4.74	8.08	0.587	ok	0.587	0.527-0.647
Vinyl Acetate	7.33	8.08	0.907	ok	0.908	0.848-0.968
m,p-Xylene	14.67	14.05	1.044	ok	1.045	0.985-1.105
o-Xylene	15.19	14.05	1.081	ok	1.081	1.021-1.141
TVHC As Equiv Pentane	6.00	14.05	0.427	ok	0.427	0.367-0.487

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.08	ok	8.08	7.75-8.41	110239	ok	106944	64166-149722
1,4-Difluorobenzene	9.79	ok	9.79	9.46-10.12	544323	ok	536690	322014-751366
Chlorobenzene-D5	14.05	ok	14.04	13.71-14.37	326794	ok	305298	183179-427417

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	5.62	8.09	0.695	ok	0.696	0.636-0.756
Acrolein	5.52	8.09	0.682	ok	0.683	0.623-0.743
Acrylonitrile	5.96	8.09	0.737	ok	0.738	0.678-0.798
Acetonitrile	5.42	8.09	0.670	ok	0.671	0.611-0.731
1,3-Butadiene	4.84	8.09	0.598	ok	0.599	0.539-0.659
Benzene	9.48	9.80	0.967	ok	0.969	0.909-1.029
Bromobenzene	15.95	14.05	1.135	ok	1.136	1.076-1.196
Bromodichloromethane	10.43	9.80	1.064	ok	1.065	1.005-1.125
Bromoform	14.78	14.05	1.052	ok	1.052	0.992-1.112
Bromomethane	5.05	8.09	0.624	ok	0.625	0.565-0.685
Bromoethene	5.43	8.09	0.671	ok	0.673	0.613-0.733
n-Butane	4.88	8.09	0.603	ok	0.604	0.544-0.664
Benzyl Chloride	17.33	14.05	1.233	ok	1.234	1.174-1.294
n-Butylbenzene	18.15	14.05	1.292	ok	1.292	1.232-1.352
sec-Butylbenzene	17.48	14.05	1.244	ok	1.244	1.184-1.304
tert-Butylbenzene	17.16	14.05	1.221	ok	1.222	1.162-1.282
Carbon disulfide	6.59	8.09	0.815	ok	0.816	0.756-0.876
Chlorobenzene	14.10	14.05	1.004	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.37	8.09	0.540	ok	0.541	0.481-0.601
Chloroethane	5.17	8.09	0.639	ok	0.640	0.580-0.700
Chlorotrifluoroethene	4.40	8.09	0.544	ok	0.545	0.485-0.605
Chloroform	8.20	8.09	1.014	ok	1.013	0.953-1.073
Chloromethane	4.58	8.09	0.566	ok	0.567	0.507-0.627
3-Chloropropene	6.41	8.09	0.792	ok	0.794	0.734-0.854
2-Chlorotoluene	16.40	14.05	1.167	ok	1.167	1.107-1.227
Carbon tetrachloride	9.62	8.09	1.189	ok	1.191	1.131-1.251
Cyclohexane	9.73	9.80	0.993	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.23	8.09	0.894	ok	0.895	0.835-0.955
1,1-Dichloroethylene	6.23	8.09	0.770	ok	0.771	0.711-0.831
1,2-Dibromoethane (EDB)	12.93	14.05	0.920	ok	0.920	0.860-0.980
1,2-Dichloroethane	8.84	8.09	1.093	ok	1.094	1.034-1.154
1,2-Dichloropropane	10.24	9.80	1.045	ok	1.046	0.986-1.106
1,3-Dichloropropane	12.27	9.80	1.252	ok	1.253	1.193-1.313
1,4-Dioxane	10.46	9.80	1.067	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.45	8.09	0.550	ok	0.551	0.491-0.611
Dichlorofluoromethane	5.23	8.09	0.646	ok	0.647	0.587-0.707
Dibromochloromethane	12.68	14.05	0.902	ok	0.902	0.842-0.962
Dibromomethane	10.22	9.80	1.043	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	7.06	8.09	0.873	ok	0.874	0.814-0.934

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	7.93	8.09	0.980	ok	0.982	0.922-1.042
cis-1,3-Dichloropropene	11.28	9.80	1.151	ok	1.152	1.092-1.212
m-Dichlorobenzene	17.35	14.05	1.235	ok	1.235	1.175-1.295
o-Dichlorobenzene	17.83	14.05	1.269	ok	1.269	1.209-1.329
p-Dichlorobenzene	17.43	14.05	1.241	ok	1.241	1.181-1.301
trans-1,3-Dichloropropene	11.79	9.80	1.203	ok	1.204	1.144-1.264
Di-Isopropyl ether	8.09	8.09	1.000	ok	1.001	0.941-1.061
2,3-Dimethylpentane	9.94	9.80	1.014	ok	1.015	0.955-1.075
2,4-Dimethylpentane	8.87	8.09	1.096	ok	1.097	1.037-1.157
Ethanol	5.25	8.09	0.649	ok	0.649	0.589-0.709
Ethylbenzene	14.49	14.05	1.031	ok	1.031	0.971-1.091
Ethyl Acetate	8.10	8.09	1.001	ok	1.003	0.943-1.063
Ethyl Acrylate	10.21	9.80	1.042	ok	1.044	0.984-1.104
4-Ethyltoluene	16.60	14.05	1.181	ok	1.182	1.122-1.242
Freon 113	6.52	8.09	0.806	ok	0.806	0.746-0.866
Freon 114	4.65	8.09	0.575	ok	0.576	0.516-0.636
Freon 123	5.52	8.09	0.682	ok	0.684	0.624-0.744
Freon 123A	5.57	8.09	0.689	ok	0.689	0.629-0.749
Freon 142B	4.56	8.09	0.564	ok	0.564	0.504-0.624
Freon 152A	4.34	8.09	0.536	ok	0.537	0.477-0.597
Heptane	10.72	9.80	1.094	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.33	14.05	1.447	ok	1.448	1.388-1.508
Hexachloroethane	18.60	14.05	1.324	ok	1.324	1.264-1.384
Hexane	8.09	8.09	1.000	ok	1.002	0.942-1.062
2-Hexanone	12.50	14.05	0.890	ok	0.890	0.830-0.950
Iodomethane	6.19	8.09	0.765	ok	0.766	0.706-0.826
Isopropylbenzene	15.85	14.05	1.128	ok	1.128	1.068-1.188
Isopropyl Alcohol	5.79	8.09	0.716	ok	0.716	0.656-0.776
p-Isopropyltoluene	17.67	14.05	1.258	ok	1.258	1.198-1.318
Methylene chloride	6.32	8.09	0.781	ok	0.782	0.722-0.842
Methyl ethyl ketone	7.56	8.09	0.934	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.31	9.80	1.154	ok	1.156	1.096-1.216
Methyl Tert Butyl Ether	7.27	8.09	0.899	ok	0.901	0.841-0.961
Methylmethacrylate	10.63	9.80	1.085	ok	1.086	1.026-1.146
Naphthalene	19.93	14.05	1.419	ok	1.419	1.359-1.479
Nonane	15.42	14.05	1.098	ok	1.098	1.038-1.158
Octane	13.22	14.05	0.941	ok	0.941	0.881-1.001
Pentane	6.00	8.09	0.742	ok	0.743	0.683-0.803
n-Propylbenzene	16.43	14.05	1.169	ok	1.170	1.110-1.230

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	Reporting this level
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	4.39	8.09	0.543	ok	0.544	0.484-0.604
Styrene	15.07	14.05	1.073	ok	1.073	1.013-1.133
1,1,1-Trichloroethane	9.07	8.09	1.121	ok	1.123	1.063-1.183
1,1,1,2-Tetrachloroethane	14.08	14.05	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	15.19	14.05	1.081	ok	1.081	1.021-1.141
1,1,2-Trichloroethane	11.97	9.80	1.221	ok	1.222	1.162-1.282
1,2,4-Trichlorobenzene	19.81	14.05	1.410	ok	1.410	1.350-1.470
1,2,3-Trichloropropane	15.33	14.05	1.091	ok	1.091	1.031-1.151
1,2,3-Trimethylbenzene	17.67	14.05	1.258	ok	1.258	1.198-1.318
1,2,4-Trimethylbenzene	17.17	14.05	1.222	ok	1.222	1.162-1.282
1,3,5-Trimethylbenzene	16.69	14.05	1.188	ok	1.188	1.128-1.248
2,2,4-Trimethylpentane	10.48	9.80	1.069	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.25	8.09	0.773	ok	0.774	0.714-0.834
Tetrachloroethylene	13.39	14.05	0.953	ok	0.953	0.893-1.013
Tetrahydrofuran	8.55	8.09	1.057	ok	1.061	1.001-1.121
Toluene	12.24	9.80	1.249	ok	1.250	1.190-1.310
Trichloroethylene	10.46	9.80	1.067	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.74	8.09	0.710	ok	0.711	0.651-0.771
Vinyl chloride	4.74	8.09	0.586	ok	0.587	0.527-0.647
Vinyl Acetate	7.33	8.09	0.906	ok	0.908	0.848-0.968
m,p-Xylene	14.69	14.05	1.046	ok	1.045	0.985-1.105
o-Xylene	15.19	14.05	1.081	ok	1.081	1.021-1.141
TVHC As Equiv Pentane	6.00	14.05	0.427	ok	0.427	0.367-0.487

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.09	ok	8.08	7.75-8.41	110809	ok	106944	64166-149722
1,4-Difluorobenzene	9.80	ok	9.79	9.46-10.12	557348	ok	536690	322014-751366
Chlorobenzene-D5	14.05	ok	14.04	13.71-14.37	385616	ok	305298	183179-427417

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	5.62	8.09	0.695	ok	0.696	0.636-0.756
Acrolein	5.52	8.09	0.682	ok	0.683	0.623-0.743
Acrylonitrile	5.96	8.09	0.737	ok	0.738	0.678-0.798
Acetonitrile	5.42	8.09	0.670	ok	0.671	0.611-0.731
1,3-Butadiene	4.84	8.09	0.598	ok	0.599	0.539-0.659
Benzene	9.49	9.80	0.968	ok	0.969	0.909-1.029
Bromobenzene	15.95	14.05	1.135	ok	1.136	1.076-1.196
Bromodichloromethane	10.43	9.80	1.064	ok	1.065	1.005-1.125
Bromoform	14.78	14.05	1.052	ok	1.052	0.992-1.112
Bromomethane	5.05	8.09	0.624	ok	0.625	0.565-0.685
Bromoethene	5.44	8.09	0.672	ok	0.673	0.613-0.733
n-Butane	4.88	8.09	0.603	ok	0.604	0.544-0.664
Benzyl Chloride	17.33	14.05	1.233	ok	1.234	1.174-1.294
n-Butylbenzene	18.16	14.05	1.293	ok	1.292	1.232-1.352
sec-Butylbenzene	17.48	14.05	1.244	ok	1.244	1.184-1.304
tert-Butylbenzene	17.16	14.05	1.221	ok	1.222	1.162-1.282
Carbon disulfide	6.59	8.09	0.815	ok	0.816	0.756-0.876
Chlorobenzene	14.10	14.05	1.004	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.37	8.09	0.540	ok	0.541	0.481-0.601
Chloroethane	5.17	8.09	0.639	ok	0.640	0.580-0.700
Chlorotrifluoroethene	4.41	8.09	0.545	ok	0.545	0.485-0.605
Chloroform	8.20	8.09	1.014	ok	1.013	0.953-1.073
Chloromethane	4.58	8.09	0.566	ok	0.567	0.507-0.627
3-Chloropropene	6.41	8.09	0.792	ok	0.794	0.734-0.854
2-Chlorotoluene	16.40	14.05	1.167	ok	1.167	1.107-1.227
Carbon tetrachloride	9.62	8.09	1.189	ok	1.191	1.131-1.251
Cyclohexane	9.73	9.80	0.993	ok	0.994	0.934-1.054
1,1-Dichloroethane	7.23	8.09	0.894	ok	0.895	0.835-0.955
1,1-Dichloroethylene	6.24	8.09	0.771	ok	0.771	0.711-0.831
1,2-Dibromoethane (EDB)	12.93	14.05	0.920	ok	0.920	0.860-0.980
1,2-Dichloroethane	8.85	8.09	1.094	ok	1.094	1.034-1.154
1,2-Dichloropropane	10.25	9.80	1.046	ok	1.046	0.986-1.106
1,3-Dichloropropane	12.27	9.80	1.252	ok	1.253	1.193-1.313
1,4-Dioxane	10.46	9.80	1.067	ok	1.070	1.010-1.130
Dichlorodifluoromethane	4.45	8.09	0.550	ok	0.551	0.491-0.611
Dichlorofluoromethane	5.23	8.09	0.646	ok	0.647	0.587-0.707
Dibromochloromethane	12.68	14.05	0.902	ok	0.902	0.842-0.962
Dibromomethane	10.23	9.80	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	7.07	8.09	0.874	ok	0.874	0.814-0.934

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	7.93	8.09	0.980	ok	0.982	0.922-1.042
cis-1,3-Dichloropropene	11.28	9.80	1.151	ok	1.152	1.092-1.212
m-Dichlorobenzene	17.35	14.05	1.235	ok	1.235	1.175-1.295
o-Dichlorobenzene	17.83	14.05	1.269	ok	1.269	1.209-1.329
p-Dichlorobenzene	17.43	14.05	1.241	ok	1.241	1.181-1.301
trans-1,3-Dichloropropene	11.79	9.80	1.203	ok	1.204	1.144-1.264
Di-Isopropyl ether	8.09	8.09	1.000	ok	1.001	0.941-1.061
2,3-Dimethylpentane	9.94	9.80	1.014	ok	1.015	0.955-1.075
2,4-Dimethylpentane	8.87	8.09	1.096	ok	1.097	1.037-1.157
Ethanol	5.25	8.09	0.649	ok	0.649	0.589-0.709
Ethylbenzene	14.49	14.05	1.031	ok	1.031	0.971-1.091
Ethyl Acetate	8.10	8.09	1.001	ok	1.003	0.943-1.063
Ethyl Acrylate	10.22	9.80	1.043	ok	1.044	0.984-1.104
4-Ethyltoluene	16.60	14.05	1.181	ok	1.182	1.122-1.242
Freon 113	6.52	8.09	0.806	ok	0.806	0.746-0.866
Freon 114	4.65	8.09	0.575	ok	0.576	0.516-0.636
Freon 123	5.53	8.09	0.684	ok	0.684	0.624-0.744
Freon 123A	5.57	8.09	0.689	ok	0.689	0.629-0.749
Freon 142B	4.56	8.09	0.564	ok	0.564	0.504-0.624
Freon 152A	4.34	8.09	0.536	ok	0.537	0.477-0.597
Heptane	10.72	9.80	1.094	ok	1.095	1.035-1.155
Hexachlorobutadiene	20.33	14.05	1.447	ok	1.448	1.388-1.508
Hexachloroethane	18.60	14.05	1.324	ok	1.324	1.264-1.384
Hexane	8.10	8.09	1.001	ok	1.002	0.942-1.062
2-Hexanone	12.50	14.05	0.890	ok	0.890	0.830-0.950
Iodomethane	6.19	8.09	0.765	ok	0.766	0.706-0.826
Isopropylbenzene	15.85	14.05	1.128	ok	1.128	1.068-1.188
Isopropyl Alcohol	5.79	8.09	0.716	ok	0.716	0.656-0.776
p-Isopropyltoluene	17.67	14.05	1.258	ok	1.258	1.198-1.318
Methylene chloride	6.32	8.09	0.781	ok	0.782	0.722-0.842
Methyl ethyl ketone	7.56	8.09	0.934	ok	0.936	0.876-0.996
Methyl Isobutyl Ketone	11.31	9.80	1.154	ok	1.156	1.096-1.216
Methyl Tert Butyl Ether	7.27	8.09	0.899	ok	0.901	0.841-0.961
Methylmethacrylate	10.63	9.80	1.085	ok	1.086	1.026-1.146
Naphthalene	19.94	14.05	1.419	ok	1.419	1.359-1.479
Nonane	15.42	14.05	1.098	ok	1.098	1.038-1.158
Octane	13.22	14.05	0.941	ok	0.941	0.881-1.001
Pentane	6.01	8.09	0.743	ok	0.743	0.683-0.803
n-Propylbenzene	16.44	14.05	1.170	ok	1.170	1.110-1.230

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W3055-IC3055	3W77567.D	11/03/22 03:16	TCH	0.04	GCMS3W	TO-15	
V3W3055-IC3055	3W77568.D	11/03/22 03:54	TCH	0.1	GCMS3W	TO-15	
V3W3055-IC3055	3W77569.D	11/03/22 04:34	TCH	0.2	GCMS3W	TO-15	
V3W3055-IC3055	3W77571.D	11/03/22 05:54	TCH	0.5	GCMS3W	TO-15	
V3W3055-IC3055	3W77572.D	11/03/22 06:33	TCH	5	GCMS3W	TO-15	
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	TCH	10	GCMS3W	TO-15	
V3W3055-IC3055	3W77574.D	11/03/22 07:54	TCH	20	GCMS3W	TO-15	
V3W3055-IC3055	3W77575.D	11/03/22 08:38	TCH	40	GCMS3W	TO-15	
V3W3055-IC3055	3W77576.D	11/03/22 09:25	TCH	50	GCMS3W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	4.40	8.09	0.544	ok	0.544	0.484-0.604
Styrene	15.07	14.05	1.073	ok	1.073	1.013-1.133
1,1,1-Trichloroethane	9.07	8.09	1.121	ok	1.123	1.063-1.183
1,1,1,2-Tetrachloroethane	14.08	14.05	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	15.19	14.05	1.081	ok	1.081	1.021-1.141
1,1,2-Trichloroethane	11.97	9.80	1.221	ok	1.222	1.162-1.282
1,2,4-Trichlorobenzene	19.81	14.05	1.410	ok	1.410	1.350-1.470
1,2,3-Trichloropropane	15.33	14.05	1.091	ok	1.091	1.031-1.151
1,2,3-Trimethylbenzene	17.67	14.05	1.258	ok	1.258	1.198-1.318
1,2,4-Trimethylbenzene	17.17	14.05	1.222	ok	1.222	1.162-1.282
1,3,5-Trimethylbenzene	16.69	14.05	1.188	ok	1.188	1.128-1.248
2,2,4-Trimethylpentane	10.48	9.80	1.069	ok	1.070	1.010-1.130
Tertiary Butyl Alcohol	6.26	8.09	0.774	ok	0.774	0.714-0.834
Tetrachloroethylene	13.39	14.05	0.953	ok	0.953	0.893-1.013
Tetrahydrofuran	8.55	8.09	1.057	ok	1.061	1.001-1.121
Toluene	12.25	9.80	1.250	ok	1.250	1.190-1.310
Trichloroethylene	10.46	9.80	1.067	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.74	8.09	0.710	ok	0.711	0.651-0.771
Vinyl chloride	4.74	8.09	0.586	ok	0.587	0.527-0.647
Vinyl Acetate	7.34	8.09	0.907	ok	0.908	0.848-0.968
m,p-Xylene	14.69	14.05	1.046	ok	1.045	0.985-1.105
o-Xylene	15.19	14.05	1.081	ok	1.081	1.021-1.141
TVHC As Equiv Pentane	6.01	14.05	0.428	ok	0.427	0.367-0.487

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.09	ok	8.08	7.75-8.41	111604	ok	106944	64166-149722
1,4-Difluorobenzene	9.80	ok	9.79	9.46-10.12	581907	ok	536690	322014-751366
Chlorobenzene-D5	14.05	ok	14.04	13.71-14.37	423674	ok	305298	183179-427417

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Benzene	4.39	3.34	1.314	ok	1.312	1.252-1.372
Bromobenzene	14.37	10.59	1.357	ok	1.358	1.298-1.418
Bromodichloromethane	5.29	4.73	1.118	ok	1.119	1.059-1.179
n-Butane	1.88	3.34	0.563	ok	0.563	0.503-0.623
n-Butylbenzene	17.59	10.59	1.661	ok	1.661	1.601-1.721
sec-Butylbenzene	17.07	10.59	1.612	ok	1.613	1.553-1.673
tert-Butylbenzene	16.80	10.59	1.586	ok	1.587	1.527-1.647
Carbon disulfide	2.52	3.34	0.754	ok	0.754	0.694-0.814
Chlorobenzene	10.67	10.59	1.008	ok	1.008	0.948-1.068
Chloroform	3.42	3.34	1.024	ok	1.024	0.964-1.084
Chloromethane	1.78	3.34	0.533	ok	0.531	0.471-0.591
2-Chlorotoluene	15.52	10.59	1.466	ok	1.466	1.406-1.526
Carbon tetrachloride	4.50	3.34	1.347	ok	1.348	1.288-1.408
1,1-Dichloroethane	2.86	3.34	0.856	ok	0.854	0.794-0.914
Dichlorodifluoromethane	1.73	3.34	0.518	ok	0.518	0.458-0.578
Dichlorofluoromethane	2.00	3.34	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	8.18	4.73	1.729	ok	1.729	1.669-1.789
m-Dichlorobenzene	16.86	10.59	1.592	ok	1.593	1.533-1.653
o-Dichlorobenzene	17.24	10.59	1.628	ok	1.628	1.568-1.688
p-Dichlorobenzene	16.94	10.59	1.600	ok	1.601	1.541-1.661
2,4-Dimethylpentane	3.96	3.34	1.186	ok	1.186	1.126-1.246
Ethylbenzene	11.57	10.59	1.093	ok	1.093	1.033-1.153
4-Ethyltoluene	16.20	10.59	1.530	ok	1.531	1.471-1.591
Freon 114	1.80	3.34	0.539	ok	0.539	0.479-0.599
Freon 123	2.12	3.34	0.635	ok	0.634	0.574-0.694
Freon 142B	1.77	3.34	0.530	ok	0.530	0.470-0.590
Heptane	5.78	4.73	1.222	ok	1.222	1.162-1.282
Hexachloroethane	17.77	10.59	1.678	ok	1.678	1.618-1.738
Iodomethane	2.36	3.34	0.707	ok	0.706	0.646-0.766
Isopropylbenzene	14.50	10.59	1.369	ok	1.370	1.310-1.430
Isopropyl Alcohol	2.22	3.34	0.665	ok	0.662	0.602-0.722
p-Isopropyltoluene	17.25	10.59	1.629	ok	1.629	1.569-1.689
Nonane	14.08	10.59	1.330	ok	1.331	1.271-1.391
Octane	9.56	4.73	2.021	ok	2.020	1.960-2.080
n-Propylbenzene	15.85	10.59	1.497	ok	1.498	1.438-1.558
Styrene	12.74	10.59	1.203	ok	1.204	1.144-1.264
1,1,2,2-Tetrachloroethane	12.98	10.59	1.226	ok	1.227	1.167-1.287
1,2,3-Trimethylbenzene	17.18	10.59	1.622	ok	1.623	1.563-1.683
1,2,4-Trimethylbenzene	16.80	10.59	1.586	ok	1.587	1.527-1.647

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,3,5-Trimethylbenzene	16.35	10.59	1.544	ok	1.545	1.485-1.605
2,2,4-Trimethylpentane	5.45	4.73	1.152	ok	1.151	1.091-1.211
Tetrachloroethylene	9.42	4.73	1.992	ok	1.989	1.929-2.049
Toluene	7.61	4.73	1.609	ok	1.609	1.549-1.669
Trichloroethylene	5.34	4.73	1.129	ok	1.130	1.070-1.190
Trichlorofluoromethane	2.19	3.34	0.656	ok	0.656	0.596-0.716
Vinyl chloride	1.83	3.34	0.548	ok	0.548	0.488-0.608
m,p-Xylene	12.02	10.59	1.135	ok	1.135	1.075-1.195
o-Xylene	12.96	10.59	1.224	ok	1.224	1.164-1.284

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	3.34	ok	3.34	3.01-3.67	49562	ok	48058	28835-67281
1,4-Difluorobenzene	4.73	ok	4.73	4.40-5.06	238408	ok	240724	144434-337014
Chlorobenzene-D5	10.59	ok	10.59	10.26-10.92	206644	ok	213567	128140-298994

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acrylonitrile	2.27	3.34	0.680	ok	0.680	0.620-0.740
Acetonitrile	2.07	3.34	0.620	ok	0.618	0.558-0.678
1,3-Butadiene	1.87	3.34	0.560	ok	0.559	0.499-0.619
Benzene	4.38	3.34	1.311	ok	1.312	1.252-1.372
Bromobenzene	14.38	10.58	1.359	ok	1.358	1.298-1.418
Bromodichloromethane	5.29	4.73	1.118	ok	1.119	1.059-1.179
Bromoform	11.82	10.58	1.117	ok	1.117	1.057-1.177
Bromomethane	1.94	3.34	0.581	ok	0.579	0.519-0.639
Bromoethene	2.08	3.34	0.623	ok	0.620	0.560-0.680
n-Butane	1.88	3.34	0.563	ok	0.563	0.503-0.623
Benzyl Chloride	16.89	10.58	1.596	ok	1.595	1.535-1.655
n-Butylbenzene	17.58	10.58	1.662	ok	1.661	1.601-1.721
sec-Butylbenzene	17.07	10.58	1.613	ok	1.613	1.553-1.673
tert-Butylbenzene	16.79	10.58	1.587	ok	1.587	1.527-1.647
Carbon disulfide	2.52	3.34	0.754	ok	0.754	0.694-0.814
Chlorobenzene	10.66	10.58	1.008	ok	1.008	0.948-1.068
Chloroethane	1.98	3.34	0.593	ok	0.593	0.533-0.653
Chlorotrifluoroethene	1.72	3.34	0.515	ok	0.513	0.453-0.573
Chloroform	3.42	3.34	1.024	ok	1.024	0.964-1.084
Chloromethane	1.78	3.34	0.533	ok	0.531	0.471-0.591
2-Chlorotoluene	15.52	10.58	1.467	ok	1.466	1.406-1.526
Carbon tetrachloride	4.50	3.34	1.347	ok	1.348	1.288-1.408
Cyclohexane	4.61	4.73	0.975	ok	0.973	0.913-1.033
1,1-Dichloroethane	2.86	3.34	0.856	ok	0.854	0.794-0.914
1,1-Dichloroethylene	2.39	3.34	0.716	ok	0.713	0.653-0.773
1,2-Dibromoethane (EDB)	8.52	4.73	1.801	ok	1.803	1.743-1.863
1,2-Dichloroethane	3.87	3.34	1.159	ok	1.158	1.098-1.218
1,2-Dichloropropane	5.10	4.73	1.078	ok	1.078	1.018-1.138
1,3-Dichloropropane	7.68	4.73	1.624	ok	1.623	1.563-1.683
Dichlorodifluoromethane	1.73	3.34	0.518	ok	0.518	0.458-0.578
Dichlorofluoromethane	2.00	3.34	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	8.19	4.73	1.732	ok	1.729	1.669-1.789
Dibromomethane	5.06	4.73	1.070	ok	1.068	1.008-1.128
trans-1,2-Dichloroethylene	2.77	3.34	0.829	ok	0.829	0.769-0.889
cis-1,2-Dichloroethylene	3.25	3.34	0.973	ok	0.973	0.913-1.033
cis-1,3-Dichloropropene	6.35	4.73	1.342	ok	1.341	1.281-1.401
m-Dichlorobenzene	16.86	10.58	1.594	ok	1.593	1.533-1.653
o-Dichlorobenzene	17.23	10.58	1.629	ok	1.628	1.568-1.688
p-Dichlorobenzene	16.95	10.58	1.602	ok	1.601	1.541-1.661

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
trans-1,3-Dichloropropene	7.06	4.73	1.493	ok	1.492	1.432-1.552
2,4-Dimethylpentane	3.96	3.34	1.186	ok	1.186	1.126-1.246
Ethylbenzene	11.56	10.58	1.093	ok	1.093	1.033-1.153
Ethyl Acrylate	5.24	4.73	1.108	ok	1.106	1.046-1.166
4-Ethyltoluene	16.20	10.58	1.531	ok	1.531	1.471-1.591
Freon 113	2.52	3.34	0.754	ok	0.754	0.694-0.814
Freon 114	1.80	3.34	0.539	ok	0.539	0.479-0.599
Freon 123	2.12	3.34	0.635	ok	0.634	0.574-0.694
Freon 123A	2.14	3.34	0.641	ok	0.638	0.578-0.698
Freon 142B	1.77	3.34	0.530	ok	0.530	0.470-0.590
Heptane	5.79	4.73	1.224	ok	1.222	1.162-1.282
Hexachlorobutadiene	18.79	10.58	1.776	ok	1.774	1.714-1.834
Hexachloroethane	17.76	10.58	1.679	ok	1.678	1.618-1.738
Hexane	3.40	3.34	1.018	ok	1.016	0.956-1.076
Iodomethane	2.36	3.34	0.707	ok	0.706	0.646-0.766
Isopropylbenzene	14.50	10.58	1.371	ok	1.370	1.310-1.430
Isopropyl Alcohol	2.22	3.34	0.665	ok	0.662	0.602-0.722
p-Isopropyltoluene	17.24	10.58	1.629	ok	1.629	1.569-1.689
Methyl Isobutyl Ketone	6.48	4.73	1.370	ok	1.367	1.307-1.427
Methyl Tert Butyl Ether	2.89	3.34	0.865	ok	0.865	0.805-0.925
Methylmethacrylate	5.69	4.73	1.203	ok	1.201	1.141-1.261
Nonane	14.08	10.58	1.331	ok	1.331	1.271-1.391
Octane	9.56	4.73	2.021	ok	2.020	1.960-2.080
Pentane	2.30	3.34	0.689	ok	0.689	0.629-0.749
n-Propylbenzene	15.86	10.58	1.499	ok	1.498	1.438-1.558
Propylene	1.71	3.34	0.512	ok	0.512	0.452-0.572
Styrene	12.75	10.58	1.205	ok	1.204	1.144-1.264
1,1,1-Trichloroethane	4.05	3.34	1.213	ok	1.212	1.152-1.272
1,1,1,2-Tetrachloroethane	10.68	10.58	1.009	ok	1.009	0.949-1.069
1,1,2,2-Tetrachloroethane	12.98	10.58	1.227	ok	1.227	1.167-1.287
1,1,2-Trichloroethane	7.23	4.73	1.529	ok	1.528	1.468-1.588
1,2,3-Trichloropropane	13.25	10.58	1.252	ok	1.253	1.193-1.313
1,2,3-Trimethylbenzene	17.18	10.58	1.624	ok	1.623	1.563-1.683
1,2,4-Trimethylbenzene	16.80	10.58	1.588	ok	1.587	1.527-1.647
1,3,5-Trimethylbenzene	16.35	10.58	1.545	ok	1.545	1.485-1.605
2,2,4-Trimethylpentane	5.45	4.73	1.152	ok	1.151	1.091-1.211
Tertiary Butyl Alcohol	2.41	3.34	0.722	ok	0.719	0.659-0.779
Tetrachloroethylene	9.41	4.73	1.989	ok	1.989	1.929-2.049
Toluene	7.62	4.73	1.611	ok	1.609	1.549-1.669

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Trichloroethylene	5.35	4.73	1.131	ok	1.130	1.070-1.190
Trichlorofluoromethane	2.19	3.34	0.656	ok	0.656	0.596-0.716
Vinyl chloride	1.83	3.34	0.548	ok	0.548	0.488-0.608
m,p-Xylene	12.01	10.58	1.135	ok	1.135	1.075-1.195
o-Xylene	12.95	10.58	1.224	ok	1.224	1.164-1.284

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	3.34	ok	3.34	3.01-3.67	48898	ok	48058	28835-67281
1,4-Difluorobenzene	4.73	ok	4.73	4.40-5.06	236998	ok	240724	144434-337014
Chlorobenzene-D5	10.58	ok	10.59	10.26-10.92	208233	ok	213567	128140-298994

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	2.14	3.34	0.641	ok	0.641	0.581-0.701
Acrolein	2.10	3.34	0.629	ok	0.629	0.569-0.689
Acrylonitrile	2.27	3.34	0.680	ok	0.680	0.620-0.740
Acetonitrile	2.07	3.34	0.620	ok	0.618	0.558-0.678
1,3-Butadiene	1.87	3.34	0.560	ok	0.559	0.499-0.619
Benzene	4.38	3.34	1.311	ok	1.312	1.252-1.372
Bromobenzene	14.37	10.58	1.358	ok	1.358	1.298-1.418
Bromodichloromethane	5.29	4.73	1.118	ok	1.119	1.059-1.179
Bromoform	11.83	10.58	1.118	ok	1.117	1.057-1.177
Bromomethane	1.93	3.34	0.578	ok	0.579	0.519-0.639
Bromoethene	2.07	3.34	0.620	ok	0.620	0.560-0.680
n-Butane	1.88	3.34	0.563	ok	0.563	0.503-0.623
Benzyl Chloride	16.88	10.58	1.595	ok	1.595	1.535-1.655
n-Butylbenzene	17.59	10.58	1.663	ok	1.661	1.601-1.721
sec-Butylbenzene	17.07	10.58	1.613	ok	1.613	1.553-1.673
tert-Butylbenzene	16.79	10.58	1.587	ok	1.587	1.527-1.647
Carbon disulfide	2.52	3.34	0.754	ok	0.754	0.694-0.814
Chlorobenzene	10.66	10.58	1.008	ok	1.008	0.948-1.068
Chlorodifluoromethane	1.71	3.34	0.512	ok	0.511	0.451-0.571
Chloroethane	1.98	3.34	0.593	ok	0.593	0.533-0.653
Chlorotrifluoroethene	1.72	3.34	0.515	ok	0.513	0.453-0.573
Chloroform	3.42	3.34	1.024	ok	1.024	0.964-1.084
Chloromethane	1.77	3.34	0.530	ok	0.531	0.471-0.591
3-Chloropropene	2.46	3.34	0.737	ok	0.737	0.677-0.797
2-Chlorotoluene	15.52	10.58	1.467	ok	1.466	1.406-1.526
Carbon tetrachloride	4.50	3.34	1.347	ok	1.348	1.288-1.408
Cyclohexane	4.60	4.73	0.973	ok	0.973	0.913-1.033
1,1-Dichloroethane	2.85	3.34	0.853	ok	0.854	0.794-0.914
1,1-Dichloroethylene	2.38	3.34	0.713	ok	0.713	0.653-0.773
1,2-Dibromoethane (EDB)	8.53	4.73	1.803	ok	1.803	1.743-1.863
1,2-Dichloroethane	3.87	3.34	1.159	ok	1.158	1.098-1.218
1,2-Dichloropropane	5.10	4.73	1.078	ok	1.078	1.018-1.138
1,3-Dichloropropane	7.67	4.73	1.622	ok	1.623	1.563-1.683
1,4-Dioxane	5.43	4.73	1.148	ok	1.136	1.076-1.196
Dichlorodifluoromethane	1.73	3.34	0.518	ok	0.518	0.458-0.578
Dichlorofluoromethane	2.00	3.34	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	8.18	4.73	1.729	ok	1.729	1.669-1.789
Dibromomethane	5.05	4.73	1.068	ok	1.068	1.008-1.128
trans-1,2-Dichloroethylene	2.77	3.34	0.829	ok	0.829	0.769-0.889

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	3.25	3.34	0.973	ok	0.973	0.913-1.033
cis-1,3-Dichloropropene	6.35	4.73	1.342	ok	1.341	1.281-1.401
m-Dichlorobenzene	16.86	10.58	1.594	ok	1.593	1.533-1.653
o-Dichlorobenzene	17.23	10.58	1.629	ok	1.628	1.568-1.688
p-Dichlorobenzene	16.95	10.58	1.602	ok	1.601	1.541-1.661
trans-1,3-Dichloropropene	7.06	4.73	1.493	ok	1.492	1.432-1.552
Di-Isopropyl ether	3.40	3.34	1.018	ok	1.018	0.958-1.078
2,3-Dimethylpentane	4.88	4.73	1.032	ok	1.030	0.970-1.090
2,4-Dimethylpentane	3.96	3.34	1.186	ok	1.186	1.126-1.246
Ethanol	2.01	3.34	0.602	ok	0.601	0.541-0.661
Ethylbenzene	11.57	10.58	1.094	ok	1.093	1.033-1.153
Ethyl Acetate	3.42	3.34	1.024	ok	1.021	0.961-1.081
Ethyl Acrylate	5.24	4.73	1.108	ok	1.106	1.046-1.166
4-Ethyltoluene	16.20	10.58	1.531	ok	1.531	1.471-1.591
Freon 113	2.52	3.34	0.754	ok	0.754	0.694-0.814
Freon 114	1.80	3.34	0.539	ok	0.539	0.479-0.599
Freon 123	2.11	3.34	0.632	ok	0.634	0.574-0.694
Freon 123A	2.13	3.34	0.638	ok	0.638	0.578-0.698
Freon 142B	1.77	3.34	0.530	ok	0.530	0.470-0.590
Freon 152A	1.69	3.34	0.506	ok	0.506	0.446-0.566
Heptane	5.79	4.73	1.224	ok	1.222	1.162-1.282
Hexachlorobutadiene	18.78	10.58	1.775	ok	1.774	1.714-1.834
Hexachloroethane	17.77	10.58	1.680	ok	1.678	1.618-1.738
Hexane	3.39	3.34	1.015	ok	1.016	0.956-1.076
2-Hexanone	8.24	4.73	1.742	ok	1.737	1.677-1.797
Iodomethane	2.36	3.34	0.707	ok	0.706	0.646-0.766
Isopropylbenzene	14.50	10.58	1.371	ok	1.370	1.310-1.430
Isopropyl Alcohol	2.21	3.34	0.662	ok	0.662	0.602-0.722
p-Isopropyltoluene	17.24	10.58	1.629	ok	1.629	1.569-1.689
Methylene chloride	2.42	3.34	0.725	ok	0.725	0.665-0.785
Methyl ethyl ketone	3.05	3.34	0.913	ok	0.911	0.851-0.971
Methyl Isobutyl Ketone	6.48	4.73	1.370	ok	1.367	1.307-1.427
Methyl Tert Butyl Ether	2.89	3.34	0.865	ok	0.865	0.805-0.925
Methylmethacrylate	5.69	4.73	1.203	ok	1.201	1.141-1.261
Naphthalene	18.53	10.58	1.751	ok	1.750	1.690-1.810
Nonane	14.10	10.58	1.333	ok	1.331	1.271-1.391
Octane	9.56	4.73	2.021	ok	2.020	1.960-2.080
Pentane	2.30	3.34	0.689	ok	0.689	0.629-0.749
n-Propylbenzene	15.86	10.58	1.499	ok	1.498	1.438-1.558

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	1.71	3.34	0.512	ok	0.512	0.452-0.572
Styrene	12.75	10.58	1.205	ok	1.204	1.144-1.264
1,1,1-Trichloroethane	4.05	3.34	1.213	ok	1.212	1.152-1.272
1,1,1,2-Tetrachloroethane	10.68	10.58	1.009	ok	1.009	0.949-1.069
1,1,2,2-Tetrachloroethane	12.99	10.58	1.228	ok	1.227	1.167-1.287
1,1,2-Trichloroethane	7.24	4.73	1.531	ok	1.528	1.468-1.588
1,2,4-Trichlorobenzene	18.49	10.58	1.748	ok	1.746	1.686-1.806
1,2,3-Trichloropropane	13.26	10.58	1.253	ok	1.253	1.193-1.313
1,2,3-Trimethylbenzene	17.18	10.58	1.624	ok	1.623	1.563-1.683
1,2,4-Trimethylbenzene	16.80	10.58	1.588	ok	1.587	1.527-1.647
1,3,5-Trimethylbenzene	16.35	10.58	1.545	ok	1.545	1.485-1.605
2,2,4-Trimethylpentane	5.45	4.73	1.152	ok	1.151	1.091-1.211
Tertiary Butyl Alcohol	2.41	3.34	0.722	ok	0.719	0.659-0.779
Tetrachloroethylene	9.41	4.73	1.989	ok	1.989	1.929-2.049
Tetrahydrofuran	3.67	3.34	1.099	ok	1.094	1.034-1.154
Toluene	7.62	4.73	1.611	ok	1.609	1.549-1.669
Trichloroethylene	5.35	4.73	1.131	ok	1.130	1.070-1.190
Trichlorofluoromethane	2.19	3.34	0.656	ok	0.656	0.596-0.716
Vinyl chloride	1.83	3.34	0.548	ok	0.548	0.488-0.608
Vinyl Acetate	2.93	3.34	0.877	ok	0.877	0.817-0.937
m,p-Xylene	12.01	10.58	1.135	ok	1.135	1.075-1.195
o-Xylene	12.96	10.58	1.225	ok	1.224	1.164-1.284

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	3.34	ok	3.34	3.01-3.67	46339	ok	48058	28835-67281
1,4-Difluorobenzene	4.73	ok	4.73	4.40-5.06	232045	ok	240724	144434-337014
Chlorobenzene-D5	10.58	ok	10.59	10.26-10.92	202916	ok	213567	128140-298994

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	2.14	3.34	0.641	ok	0.641	0.581-0.701
Acrolein	2.10	3.34	0.629	ok	0.629	0.569-0.689
Acrylonitrile	2.27	3.34	0.680	ok	0.680	0.620-0.740
Acetonitrile	2.07	3.34	0.620	ok	0.618	0.558-0.678
1,3-Butadiene	1.86	3.34	0.557	ok	0.559	0.499-0.619
Benzene	4.38	3.34	1.311	ok	1.312	1.252-1.372
Bromobenzene	14.37	10.59	1.357	ok	1.358	1.298-1.418
Bromodichloromethane	5.30	4.73	1.121	ok	1.119	1.059-1.179
Bromoform	11.82	10.59	1.116	ok	1.117	1.057-1.177
Bromomethane	1.93	3.34	0.578	ok	0.579	0.519-0.639
Bromoethene	2.07	3.34	0.620	ok	0.620	0.560-0.680
n-Butane	1.88	3.34	0.563	ok	0.563	0.503-0.623
Benzyl Chloride	16.89	10.59	1.595	ok	1.595	1.535-1.655
n-Butylbenzene	17.59	10.59	1.661	ok	1.661	1.601-1.721
sec-Butylbenzene	17.07	10.59	1.612	ok	1.613	1.553-1.673
tert-Butylbenzene	16.80	10.59	1.586	ok	1.587	1.527-1.647
Carbon disulfide	2.52	3.34	0.754	ok	0.754	0.694-0.814
Chlorobenzene	10.66	10.59	1.007	ok	1.008	0.948-1.068
Chlorodifluoromethane	1.71	3.34	0.512	ok	0.511	0.451-0.571
Chloroethane	1.98	3.34	0.593	ok	0.593	0.533-0.653
Chlorotrifluoroethene	1.71	3.34	0.512	ok	0.513	0.453-0.573
Chloroform	3.42	3.34	1.024	ok	1.024	0.964-1.084
Chloromethane	1.77	3.34	0.530	ok	0.531	0.471-0.591
3-Chloropropene	2.46	3.34	0.737	ok	0.737	0.677-0.797
2-Chlorotoluene	15.52	10.59	1.466	ok	1.466	1.406-1.526
Carbon tetrachloride	4.50	3.34	1.347	ok	1.348	1.288-1.408
Cyclohexane	4.60	4.73	0.973	ok	0.973	0.913-1.033
1,1-Dichloroethane	2.85	3.34	0.853	ok	0.854	0.794-0.914
1,1-Dichloroethylene	2.38	3.34	0.713	ok	0.713	0.653-0.773
1,2-Dibromoethane (EDB)	8.54	4.73	1.805	ok	1.803	1.743-1.863
1,2-Dichloroethane	3.86	3.34	1.156	ok	1.158	1.098-1.218
1,2-Dichloropropane	5.10	4.73	1.078	ok	1.078	1.018-1.138
1,3-Dichloropropane	7.68	4.73	1.624	ok	1.623	1.563-1.683
1,4-Dioxane	5.40	4.73	1.142	ok	1.136	1.076-1.196
Dichlorodifluoromethane	1.73	3.34	0.518	ok	0.518	0.458-0.578
Dichlorofluoromethane	2.00	3.34	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	8.19	4.73	1.732	ok	1.729	1.669-1.789
Dibromomethane	5.05	4.73	1.068	ok	1.068	1.008-1.128
trans-1,2-Dichloroethylene	2.77	3.34	0.829	ok	0.829	0.769-0.889

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	3.25	3.34	0.973	ok	0.973	0.913-1.033
cis-1,3-Dichloropropene	6.35	4.73	1.342	ok	1.341	1.281-1.401
m-Dichlorobenzene	16.86	10.59	1.592	ok	1.593	1.533-1.653
o-Dichlorobenzene	17.23	10.59	1.627	ok	1.628	1.568-1.688
p-Dichlorobenzene	16.94	10.59	1.600	ok	1.601	1.541-1.661
trans-1,3-Dichloropropene	7.06	4.73	1.493	ok	1.492	1.432-1.552
Di-Isopropyl ether	3.40	3.34	1.018	ok	1.018	0.958-1.078
2,3-Dimethylpentane	4.87	4.73	1.030	ok	1.030	0.970-1.090
2,4-Dimethylpentane	3.96	3.34	1.186	ok	1.186	1.126-1.246
Ethanol	2.01	3.34	0.602	ok	0.601	0.541-0.661
Ethylbenzene	11.56	10.59	1.092	ok	1.093	1.033-1.153
Ethyl Acetate	3.41	3.34	1.021	ok	1.021	0.961-1.081
Ethyl Acrylate	5.24	4.73	1.108	ok	1.106	1.046-1.166
4-Ethyltoluene	16.20	10.59	1.530	ok	1.531	1.471-1.591
Freon 113	2.52	3.34	0.754	ok	0.754	0.694-0.814
Freon 114	1.80	3.34	0.539	ok	0.539	0.479-0.599
Freon 123	2.12	3.34	0.635	ok	0.634	0.574-0.694
Freon 123A	2.13	3.34	0.638	ok	0.638	0.578-0.698
Freon 142B	1.77	3.34	0.530	ok	0.530	0.470-0.590
Freon 152A	1.69	3.34	0.506	ok	0.506	0.446-0.566
Heptane	5.78	4.73	1.222	ok	1.222	1.162-1.282
Hexachlorobutadiene	18.78	10.59	1.773	ok	1.774	1.714-1.834
Hexachloroethane	17.76	10.59	1.677	ok	1.678	1.618-1.738
Hexane	3.39	3.34	1.015	ok	1.016	0.956-1.076
2-Hexanone	8.24	4.73	1.742	ok	1.737	1.677-1.797
Iodomethane	2.35	3.34	0.704	ok	0.706	0.646-0.766
Isopropylbenzene	14.51	10.59	1.370	ok	1.370	1.310-1.430
Isopropyl Alcohol	2.21	3.34	0.662	ok	0.662	0.602-0.722
p-Isopropyltoluene	17.24	10.59	1.628	ok	1.629	1.569-1.689
Methylene chloride	2.42	3.34	0.725	ok	0.725	0.665-0.785
Methyl ethyl ketone	3.05	3.34	0.913	ok	0.911	0.851-0.971
Methyl Isobutyl Ketone	6.49	4.73	1.372	ok	1.367	1.307-1.427
Methyl Tert Butyl Ether	2.89	3.34	0.865	ok	0.865	0.805-0.925
Methylmethacrylate	5.69	4.73	1.203	ok	1.201	1.141-1.261
Naphthalene	18.53	10.59	1.750	ok	1.750	1.690-1.810
Nonane	14.09	10.59	1.331	ok	1.331	1.271-1.391
Octane	9.55	4.73	2.019	ok	2.020	1.960-2.080
Pentane	2.30	3.34	0.689	ok	0.689	0.629-0.749
n-Propylbenzene	15.86	10.59	1.498	ok	1.498	1.438-1.558

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	1.71	3.34	0.512	ok	0.512	0.452-0.572
Styrene	12.74	10.59	1.203	ok	1.204	1.144-1.264
1,1,1-Trichloroethane	4.04	3.34	1.210	ok	1.212	1.152-1.272
1,1,1,2-Tetrachloroethane	10.68	10.59	1.008	ok	1.009	0.949-1.069
1,1,2,2-Tetrachloroethane	12.98	10.59	1.226	ok	1.227	1.167-1.287
1,1,2-Trichloroethane	7.24	4.73	1.531	ok	1.528	1.468-1.588
1,2,4-Trichlorobenzene	18.49	10.59	1.746	ok	1.746	1.686-1.806
1,2,3-Trichloropropane	13.27	10.59	1.253	ok	1.253	1.193-1.313
1,2,3-Trimethylbenzene	17.18	10.59	1.622	ok	1.623	1.563-1.683
1,2,4-Trimethylbenzene	16.80	10.59	1.586	ok	1.587	1.527-1.647
1,3,5-Trimethylbenzene	16.35	10.59	1.544	ok	1.545	1.485-1.605
2,2,4-Trimethylpentane	5.44	4.73	1.150	ok	1.151	1.091-1.211
Tertiary Butyl Alcohol	2.40	3.34	0.719	ok	0.719	0.659-0.779
Tetrachloroethylene	9.41	4.73	1.989	ok	1.989	1.929-2.049
Tetrahydrofuran	3.66	3.34	1.096	ok	1.094	1.034-1.154
Toluene	7.61	4.73	1.609	ok	1.609	1.549-1.669
Trichloroethylene	5.34	4.73	1.129	ok	1.130	1.070-1.190
Trichlorofluoromethane	2.19	3.34	0.656	ok	0.656	0.596-0.716
Vinyl chloride	1.83	3.34	0.548	ok	0.548	0.488-0.608
Vinyl Acetate	2.93	3.34	0.877	ok	0.877	0.817-0.937
m,p-Xylene	12.01	10.59	1.134	ok	1.135	1.075-1.195
o-Xylene	12.96	10.59	1.224	ok	1.224	1.164-1.284

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	3.34	ok	3.34	3.01-3.67	43611	ok	48058	28835-67281
1,4-Difluorobenzene	4.73	ok	4.73	4.40-5.06	212847	ok	240724	144434-337014
Chlorobenzene-D5	10.59	ok	10.59	10.26-10.92	201898	ok	213567	128140-298994

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	Reporting this level
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	2.14	3.34	0.641	ok	0.641	0.581-0.701
Acrolein	2.10	3.34	0.629	ok	0.629	0.569-0.689
Acrylonitrile	2.27	3.34	0.680	ok	0.680	0.620-0.740
Acetonitrile	2.06	3.34	0.617	ok	0.618	0.558-0.678
1,3-Butadiene	1.87	3.34	0.560	ok	0.559	0.499-0.619
Benzene	4.38	3.34	1.311	ok	1.312	1.252-1.372
Bromobenzene	14.37	10.58	1.358	ok	1.358	1.298-1.418
Bromodichloromethane	5.29	4.73	1.118	ok	1.119	1.059-1.179
Bromoform	11.82	10.58	1.117	ok	1.117	1.057-1.177
Bromomethane	1.93	3.34	0.578	ok	0.579	0.519-0.639
Bromoethene	2.07	3.34	0.620	ok	0.620	0.560-0.680
n-Butane	1.88	3.34	0.563	ok	0.563	0.503-0.623
Benzyl Chloride	16.89	10.58	1.596	ok	1.595	1.535-1.655
n-Butylbenzene	17.59	10.58	1.663	ok	1.661	1.601-1.721
sec-Butylbenzene	17.07	10.58	1.613	ok	1.613	1.553-1.673
tert-Butylbenzene	16.80	10.58	1.588	ok	1.587	1.527-1.647
Carbon disulfide	2.52	3.34	0.754	ok	0.754	0.694-0.814
Chlorobenzene	10.66	10.58	1.008	ok	1.008	0.948-1.068
Chlorodifluoromethane	1.70	3.34	0.509	ok	0.511	0.451-0.571
Chloroethane	1.98	3.34	0.593	ok	0.593	0.533-0.653
Chlorotrifluoroethene	1.71	3.34	0.512	ok	0.513	0.453-0.573
Chloroform	3.42	3.34	1.024	ok	1.024	0.964-1.084
Chloromethane	1.77	3.34	0.530	ok	0.531	0.471-0.591
3-Chloropropene	2.46	3.34	0.737	ok	0.737	0.677-0.797
2-Chlorotoluene	15.52	10.58	1.467	ok	1.466	1.406-1.526
Carbon tetrachloride	4.50	3.34	1.347	ok	1.348	1.288-1.408
Cyclohexane	4.60	4.73	0.973	ok	0.973	0.913-1.033
1,1-Dichloroethane	2.85	3.34	0.853	ok	0.854	0.794-0.914
1,1-Dichloroethylene	2.38	3.34	0.713	ok	0.713	0.653-0.773
1,2-Dibromoethane (EDB)	8.53	4.73	1.803	ok	1.803	1.743-1.863
1,2-Dichloroethane	3.87	3.34	1.159	ok	1.158	1.098-1.218
1,2-Dichloropropane	5.10	4.73	1.078	ok	1.078	1.018-1.138
1,3-Dichloropropane	7.68	4.73	1.624	ok	1.623	1.563-1.683
1,4-Dioxane	5.37	4.73	1.135	ok	1.136	1.076-1.196
Dichlorodifluoromethane	1.73	3.34	0.518	ok	0.518	0.458-0.578
Dichlorofluoromethane	2.00	3.34	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	8.18	4.73	1.729	ok	1.729	1.669-1.789
Dibromomethane	5.06	4.73	1.070	ok	1.068	1.008-1.128
trans-1,2-Dichloroethylene	2.77	3.34	0.829	ok	0.829	0.769-0.889

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	Reporting this level
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	3.25	3.34	0.973	ok	0.973	0.913-1.033
cis-1,3-Dichloropropene	6.35	4.73	1.342	ok	1.341	1.281-1.401
m-Dichlorobenzene	16.86	10.58	1.594	ok	1.593	1.533-1.653
o-Dichlorobenzene	17.23	10.58	1.629	ok	1.628	1.568-1.688
p-Dichlorobenzene	16.95	10.58	1.602	ok	1.601	1.541-1.661
trans-1,3-Dichloropropene	7.06	4.73	1.493	ok	1.492	1.432-1.552
Di-Isopropyl ether	3.40	3.34	1.018	ok	1.018	0.958-1.078
2,3-Dimethylpentane	4.88	4.73	1.032	ok	1.030	0.970-1.090
2,4-Dimethylpentane	3.96	3.34	1.186	ok	1.186	1.126-1.246
Ethanol	2.01	3.34	0.602	ok	0.601	0.541-0.661
Ethylbenzene	11.57	10.58	1.094	ok	1.093	1.033-1.153
Ethyl Acetate	3.40	3.34	1.018	ok	1.021	0.961-1.081
Ethyl Acrylate	5.23	4.73	1.106	ok	1.106	1.046-1.166
4-Ethyltoluene	16.20	10.58	1.531	ok	1.531	1.471-1.591
Freon 113	2.52	3.34	0.754	ok	0.754	0.694-0.814
Freon 114	1.80	3.34	0.539	ok	0.539	0.479-0.599
Freon 123	2.12	3.34	0.635	ok	0.634	0.574-0.694
Freon 123A	2.13	3.34	0.638	ok	0.638	0.578-0.698
Freon 142B	1.77	3.34	0.530	ok	0.530	0.470-0.590
Freon 152A	1.69	3.34	0.506	ok	0.506	0.446-0.566
Heptane	5.78	4.73	1.222	ok	1.222	1.162-1.282
Hexachlorobutadiene	18.78	10.58	1.775	ok	1.774	1.714-1.834
Hexachloroethane	17.76	10.58	1.679	ok	1.678	1.618-1.738
Hexane	3.40	3.34	1.018	ok	1.016	0.956-1.076
2-Hexanone	8.21	4.73	1.736	ok	1.737	1.677-1.797
Iodomethane	2.36	3.34	0.707	ok	0.706	0.646-0.766
Isopropylbenzene	14.50	10.58	1.371	ok	1.370	1.310-1.430
Isopropyl Alcohol	2.21	3.34	0.662	ok	0.662	0.602-0.722
p-Isopropyltoluene	17.25	10.58	1.630	ok	1.629	1.569-1.689
Methylene chloride	2.42	3.34	0.725	ok	0.725	0.665-0.785
Methyl ethyl ketone	3.04	3.34	0.910	ok	0.911	0.851-0.971
Methyl Isobutyl Ketone	6.46	4.73	1.366	ok	1.367	1.307-1.427
Methyl Tert Butyl Ether	2.89	3.34	0.865	ok	0.865	0.805-0.925
Methylmethacrylate	5.68	4.73	1.201	ok	1.201	1.141-1.261
Naphthalene	18.53	10.58	1.751	ok	1.750	1.690-1.810
Nonane	14.09	10.58	1.332	ok	1.331	1.271-1.391
Octane	9.57	4.73	2.023	ok	2.020	1.960-2.080
Pentane	2.30	3.34	0.689	ok	0.689	0.629-0.749
n-Propylbenzene	15.86	10.58	1.499	ok	1.498	1.438-1.558

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	Reporting this level
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	1.71	3.34	0.512	ok	0.512	0.452-0.572
Styrene	12.75	10.58	1.205	ok	1.204	1.144-1.264
1,1,1-Trichloroethane	4.05	3.34	1.213	ok	1.212	1.152-1.272
1,1,1,2-Tetrachloroethane	10.68	10.58	1.009	ok	1.009	0.949-1.069
1,1,2,2-Tetrachloroethane	12.98	10.58	1.227	ok	1.227	1.167-1.287
1,1,2-Trichloroethane	7.23	4.73	1.529	ok	1.528	1.468-1.588
1,2,4-Trichlorobenzene	18.49	10.58	1.748	ok	1.746	1.686-1.806
1,2,3-Trichloropropane	13.26	10.58	1.253	ok	1.253	1.193-1.313
1,2,3-Trimethylbenzene	17.18	10.58	1.624	ok	1.623	1.563-1.683
1,2,4-Trimethylbenzene	16.80	10.58	1.588	ok	1.587	1.527-1.647
1,3,5-Trimethylbenzene	16.35	10.58	1.545	ok	1.545	1.485-1.605
2,2,4-Trimethylpentane	5.45	4.73	1.152	ok	1.151	1.091-1.211
Tertiary Butyl Alcohol	2.40	3.34	0.719	ok	0.719	0.659-0.779
Tetrachloroethylene	9.42	4.73	1.992	ok	1.989	1.929-2.049
Tetrahydrofuran	3.65	3.34	1.093	ok	1.094	1.034-1.154
Toluene	7.62	4.73	1.611	ok	1.609	1.549-1.669
Trichloroethylene	5.35	4.73	1.131	ok	1.130	1.070-1.190
Trichlorofluoromethane	2.19	3.34	0.656	ok	0.656	0.596-0.716
Vinyl chloride	1.83	3.34	0.548	ok	0.548	0.488-0.608
Vinyl Acetate	2.93	3.34	0.877	ok	0.877	0.817-0.937
m,p-Xylene	12.01	10.58	1.135	ok	1.135	1.075-1.195
o-Xylene	12.96	10.58	1.225	ok	1.224	1.164-1.284

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	3.34	ok	3.34	3.01-3.67	48052	ok	48058	28835-67281
1,4-Difluorobenzene	4.73	ok	4.73	4.40-5.06	238668	ok	240724	144434-337014
Chlorobenzene-D5	10.58	ok	10.59	10.26-10.92	209355	ok	213567	128140-298994

Initial Calibration Retention Time/Internal Standard Area Summary

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Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	2.14	3.34	0.641	ok	0.641	0.581-0.701
Acrolein	2.10	3.34	0.629	ok	0.629	0.569-0.689
Acrylonitrile	2.27	3.34	0.680	ok	0.680	0.620-0.740
Acetonitrile	2.06	3.34	0.617	ok	0.618	0.558-0.678
1,3-Butadiene	1.87	3.34	0.560	ok	0.559	0.499-0.619
Benzene	4.38	3.34	1.311	ok	1.312	1.252-1.372
Bromobenzene	14.37	10.59	1.357	ok	1.358	1.298-1.418
Bromodichloromethane	5.29	4.73	1.118	ok	1.119	1.059-1.179
Bromoform	11.83	10.59	1.117	ok	1.117	1.057-1.177
Bromomethane	1.93	3.34	0.578	ok	0.579	0.519-0.639
Bromoethene	2.07	3.34	0.620	ok	0.620	0.560-0.680
n-Butane	1.88	3.34	0.563	ok	0.563	0.503-0.623
Benzyl Chloride	16.89	10.59	1.595	ok	1.595	1.535-1.655
n-Butylbenzene	17.58	10.59	1.660	ok	1.661	1.601-1.721
sec-Butylbenzene	17.07	10.59	1.612	ok	1.613	1.553-1.673
tert-Butylbenzene	16.80	10.59	1.586	ok	1.587	1.527-1.647
Carbon disulfide	2.52	3.34	0.754	ok	0.754	0.694-0.814
Chlorobenzene	10.67	10.59	1.008	ok	1.008	0.948-1.068
Chlorodifluoromethane	1.71	3.34	0.512	ok	0.511	0.451-0.571
Chloroethane	1.98	3.34	0.593	ok	0.593	0.533-0.653
Chlorotrifluoroethene	1.72	3.34	0.515	ok	0.513	0.453-0.573
Chloroform	3.42	3.34	1.024	ok	1.024	0.964-1.084
Chloromethane	1.77	3.34	0.530	ok	0.531	0.471-0.591
3-Chloropropene	2.46	3.34	0.737	ok	0.737	0.677-0.797
2-Chlorotoluene	15.52	10.59	1.466	ok	1.466	1.406-1.526
Carbon tetrachloride	4.51	3.34	1.350	ok	1.348	1.288-1.408
Cyclohexane	4.61	4.73	0.975	ok	0.973	0.913-1.033
1,1-Dichloroethane	2.85	3.34	0.853	ok	0.854	0.794-0.914
1,1-Dichloroethylene	2.38	3.34	0.713	ok	0.713	0.653-0.773
1,2-Dibromoethane (EDB)	8.53	4.73	1.803	ok	1.803	1.743-1.863
1,2-Dichloroethane	3.87	3.34	1.159	ok	1.158	1.098-1.218
1,2-Dichloropropane	5.10	4.73	1.078	ok	1.078	1.018-1.138
1,3-Dichloropropane	7.68	4.73	1.624	ok	1.623	1.563-1.683
1,4-Dioxane	5.36	4.73	1.133	ok	1.136	1.076-1.196
Dichlorodifluoromethane	1.73	3.34	0.518	ok	0.518	0.458-0.578
Dichlorofluoromethane	2.00	3.34	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	8.18	4.73	1.729	ok	1.729	1.669-1.789
Dibromomethane	5.06	4.73	1.070	ok	1.068	1.008-1.128
trans-1,2-Dichloroethylene	2.77	3.34	0.829	ok	0.829	0.769-0.889

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	3.25	3.34	0.973	ok	0.973	0.913-1.033
cis-1,3-Dichloropropene	6.35	4.73	1.342	ok	1.341	1.281-1.401
m-Dichlorobenzene	16.86	10.59	1.592	ok	1.593	1.533-1.653
o-Dichlorobenzene	17.23	10.59	1.627	ok	1.628	1.568-1.688
p-Dichlorobenzene	16.95	10.59	1.601	ok	1.601	1.541-1.661
trans-1,3-Dichloropropene	7.06	4.73	1.493	ok	1.492	1.432-1.552
Di-Isopropyl ether	3.40	3.34	1.018	ok	1.018	0.958-1.078
2,3-Dimethylpentane	4.88	4.73	1.032	ok	1.030	0.970-1.090
2,4-Dimethylpentane	3.96	3.34	1.186	ok	1.186	1.126-1.246
Ethanol	2.01	3.34	0.602	ok	0.601	0.541-0.661
Ethylbenzene	11.57	10.59	1.093	ok	1.093	1.033-1.153
Ethyl Acetate	3.40	3.34	1.018	ok	1.021	0.961-1.081
Ethyl Acrylate	5.23	4.73	1.106	ok	1.106	1.046-1.166
4-Ethyltoluene	16.20	10.59	1.530	ok	1.531	1.471-1.591
Freon 113	2.52	3.34	0.754	ok	0.754	0.694-0.814
Freon 114	1.80	3.34	0.539	ok	0.539	0.479-0.599
Freon 123	2.12	3.34	0.635	ok	0.634	0.574-0.694
Freon 123A	2.13	3.34	0.638	ok	0.638	0.578-0.698
Freon 142B	1.77	3.34	0.530	ok	0.530	0.470-0.590
Freon 152A	1.69	3.34	0.506	ok	0.506	0.446-0.566
Heptane	5.79	4.73	1.224	ok	1.222	1.162-1.282
Hexachlorobutadiene	18.78	10.59	1.773	ok	1.774	1.714-1.834
Hexachloroethane	17.76	10.59	1.677	ok	1.678	1.618-1.738
Hexane	3.40	3.34	1.018	ok	1.016	0.956-1.076
2-Hexanone	8.21	4.73	1.736	ok	1.737	1.677-1.797
Iodomethane	2.36	3.34	0.707	ok	0.706	0.646-0.766
Isopropylbenzene	14.50	10.59	1.369	ok	1.370	1.310-1.430
Isopropyl Alcohol	2.21	3.34	0.662	ok	0.662	0.602-0.722
p-Isopropyltoluene	17.24	10.59	1.628	ok	1.629	1.569-1.689
Methylene chloride	2.42	3.34	0.725	ok	0.725	0.665-0.785
Methyl ethyl ketone	3.04	3.34	0.910	ok	0.911	0.851-0.971
Methyl Isobutyl Ketone	6.45	4.73	1.364	ok	1.367	1.307-1.427
Methyl Tert Butyl Ether	2.89	3.34	0.865	ok	0.865	0.805-0.925
Methylmethacrylate	5.68	4.73	1.201	ok	1.201	1.141-1.261
Naphthalene	18.53	10.59	1.750	ok	1.750	1.690-1.810
Nonane	14.09	10.59	1.331	ok	1.331	1.271-1.391
Octane	9.56	4.73	2.021	ok	2.020	1.960-2.080
Pentane	2.30	3.34	0.689	ok	0.689	0.629-0.749
n-Propylbenzene	15.86	10.59	1.498	ok	1.498	1.438-1.558

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	1.71	3.34	0.512	ok	0.512	0.452-0.572
Styrene	12.75	10.59	1.204	ok	1.204	1.144-1.264
1,1,1-Trichloroethane	4.05	3.34	1.213	ok	1.212	1.152-1.272
1,1,1,2-Tetrachloroethane	10.68	10.59	1.008	ok	1.009	0.949-1.069
1,1,2,2-Tetrachloroethane	12.98	10.59	1.226	ok	1.227	1.167-1.287
1,1,2-Trichloroethane	7.23	4.73	1.529	ok	1.528	1.468-1.588
1,2,4-Trichlorobenzene	18.48	10.59	1.745	ok	1.746	1.686-1.806
1,2,3-Trichloropropane	13.27	10.59	1.253	ok	1.253	1.193-1.313
1,2,3-Trimethylbenzene	17.18	10.59	1.622	ok	1.623	1.563-1.683
1,2,4-Trimethylbenzene	16.80	10.59	1.586	ok	1.587	1.527-1.647
1,3,5-Trimethylbenzene	16.35	10.59	1.544	ok	1.545	1.485-1.605
2,2,4-Trimethylpentane	5.45	4.73	1.152	ok	1.151	1.091-1.211
Tertiary Butyl Alcohol	2.40	3.34	0.719	ok	0.719	0.659-0.779
Tetrachloroethylene	9.41	4.73	1.989	ok	1.989	1.929-2.049
Tetrahydrofuran	3.65	3.34	1.093	ok	1.094	1.034-1.154
Toluene	7.62	4.73	1.611	ok	1.609	1.549-1.669
Trichloroethylene	5.35	4.73	1.131	ok	1.130	1.070-1.190
Trichlorofluoromethane	2.19	3.34	0.656	ok	0.656	0.596-0.716
Vinyl chloride	1.83	3.34	0.548	ok	0.548	0.488-0.608
Vinyl Acetate	2.93	3.34	0.877	ok	0.877	0.817-0.937
m,p-Xylene	12.01	10.59	1.134	ok	1.135	1.075-1.195
o-Xylene	12.96	10.59	1.224	ok	1.224	1.164-1.284

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	3.34	ok	3.34	3.01-3.67	50236	ok	48058	28835-67281
1,4-Difluorobenzene	4.73	ok	4.73	4.40-5.06	248131	ok	240724	144434-337014
Chlorobenzene-D5	10.59	ok	10.59	10.26-10.92	216051	ok	213567	128140-298994

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	2.14	3.34	0.641	ok	0.641	0.581-0.701
Acrolein	2.10	3.34	0.629	ok	0.629	0.569-0.689
Acrylonitrile	2.27	3.34	0.680	ok	0.680	0.620-0.740
Acetonitrile	2.07	3.34	0.620	ok	0.618	0.558-0.678
1,3-Butadiene	1.87	3.34	0.560	ok	0.559	0.499-0.619
Benzene	4.38	3.34	1.311	ok	1.312	1.252-1.372
Bromobenzene	14.38	10.59	1.358	ok	1.358	1.298-1.418
Bromodichloromethane	5.30	4.74	1.118	ok	1.119	1.059-1.179
Bromoform	11.83	10.59	1.117	ok	1.117	1.057-1.177
Bromomethane	1.94	3.34	0.581	ok	0.579	0.519-0.639
Bromoethene	2.07	3.34	0.620	ok	0.620	0.560-0.680
n-Butane	1.88	3.34	0.563	ok	0.563	0.503-0.623
Benzyl Chloride	16.89	10.59	1.595	ok	1.595	1.535-1.655
n-Butylbenzene	17.59	10.59	1.661	ok	1.661	1.601-1.721
sec-Butylbenzene	17.07	10.59	1.612	ok	1.613	1.553-1.673
tert-Butylbenzene	16.80	10.59	1.586	ok	1.587	1.527-1.647
Carbon disulfide	2.52	3.34	0.754	ok	0.754	0.694-0.814
Chlorobenzene	10.67	10.59	1.008	ok	1.008	0.948-1.068
Chlorodifluoromethane	1.71	3.34	0.512	ok	0.511	0.451-0.571
Chloroethane	1.98	3.34	0.593	ok	0.593	0.533-0.653
Chlorotrifluoroethene	1.72	3.34	0.515	ok	0.513	0.453-0.573
Chloroform	3.42	3.34	1.024	ok	1.024	0.964-1.084
Chloromethane	1.77	3.34	0.530	ok	0.531	0.471-0.591
3-Chloropropene	2.46	3.34	0.737	ok	0.737	0.677-0.797
2-Chlorotoluene	15.52	10.59	1.466	ok	1.466	1.406-1.526
Carbon tetrachloride	4.51	3.34	1.350	ok	1.348	1.288-1.408
Cyclohexane	4.61	4.74	0.973	ok	0.973	0.913-1.033
1,1-Dichloroethane	2.86	3.34	0.856	ok	0.854	0.794-0.914
1,1-Dichloroethylene	2.38	3.34	0.713	ok	0.713	0.653-0.773
1,2-Dibromoethane (EDB)	8.54	4.74	1.802	ok	1.803	1.743-1.863
1,2-Dichloroethane	3.87	3.34	1.159	ok	1.158	1.098-1.218
1,2-Dichloropropane	5.10	4.74	1.076	ok	1.078	1.018-1.138
1,3-Dichloropropane	7.68	4.74	1.620	ok	1.623	1.563-1.683
1,4-Dioxane	5.36	4.74	1.131	ok	1.136	1.076-1.196
Dichlorodifluoromethane	1.73	3.34	0.518	ok	0.518	0.458-0.578
Dichlorofluoromethane	2.00	3.34	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	8.19	4.74	1.728	ok	1.729	1.669-1.789
Dibromomethane	5.06	4.74	1.068	ok	1.068	1.008-1.128
trans-1,2-Dichloroethylene	2.77	3.34	0.829	ok	0.829	0.769-0.889

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	3.26	3.34	0.976	ok	0.973	0.913-1.033
cis-1,3-Dichloropropene	6.35	4.74	1.340	ok	1.341	1.281-1.401
m-Dichlorobenzene	16.87	10.59	1.593	ok	1.593	1.533-1.653
o-Dichlorobenzene	17.23	10.59	1.627	ok	1.628	1.568-1.688
p-Dichlorobenzene	16.95	10.59	1.601	ok	1.601	1.541-1.661
trans-1,3-Dichloropropene	7.07	4.74	1.492	ok	1.492	1.432-1.552
Di-Isopropyl ether	3.40	3.34	1.018	ok	1.018	0.958-1.078
2,3-Dimethylpentane	4.88	4.74	1.030	ok	1.030	0.970-1.090
2,4-Dimethylpentane	3.96	3.34	1.186	ok	1.186	1.126-1.246
Ethanol	2.01	3.34	0.602	ok	0.601	0.541-0.661
Ethylbenzene	11.57	10.59	1.093	ok	1.093	1.033-1.153
Ethyl Acetate	3.41	3.34	1.021	ok	1.021	0.961-1.081
Ethyl Acrylate	5.23	4.74	1.103	ok	1.106	1.046-1.166
4-Ethyltoluene	16.21	10.59	1.531	ok	1.531	1.471-1.591
Freon 113	2.52	3.34	0.754	ok	0.754	0.694-0.814
Freon 114	1.80	3.34	0.539	ok	0.539	0.479-0.599
Freon 123	2.12	3.34	0.635	ok	0.634	0.574-0.694
Freon 123A	2.13	3.34	0.638	ok	0.638	0.578-0.698
Freon 142B	1.77	3.34	0.530	ok	0.530	0.470-0.590
Freon 152A	1.69	3.34	0.506	ok	0.506	0.446-0.566
Heptane	5.79	4.74	1.222	ok	1.222	1.162-1.282
Hexachlorobutadiene	18.78	10.59	1.773	ok	1.774	1.714-1.834
Hexachloroethane	17.77	10.59	1.678	ok	1.678	1.618-1.738
Hexane	3.40	3.34	1.018	ok	1.016	0.956-1.076
2-Hexanone	8.21	4.74	1.732	ok	1.737	1.677-1.797
Iodomethane	2.36	3.34	0.707	ok	0.706	0.646-0.766
Isopropylbenzene	14.50	10.59	1.369	ok	1.370	1.310-1.430
Isopropyl Alcohol	2.21	3.34	0.662	ok	0.662	0.602-0.722
p-Isopropyltoluene	17.25	10.59	1.629	ok	1.629	1.569-1.689
Methylene chloride	2.42	3.34	0.725	ok	0.725	0.665-0.785
Methyl ethyl ketone	3.04	3.34	0.910	ok	0.911	0.851-0.971
Methyl Isobutyl Ketone	6.46	4.74	1.363	ok	1.367	1.307-1.427
Methyl Tert Butyl Ether	2.89	3.34	0.865	ok	0.865	0.805-0.925
Methylmethacrylate	5.68	4.74	1.198	ok	1.201	1.141-1.261
Naphthalene	18.53	10.59	1.750	ok	1.750	1.690-1.810
Nonane	14.09	10.59	1.331	ok	1.331	1.271-1.391
Octane	9.56	4.74	2.017	ok	2.020	1.960-2.080
Pentane	2.30	3.34	0.689	ok	0.689	0.629-0.749
n-Propylbenzene	15.86	10.59	1.498	ok	1.498	1.438-1.558

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	1.71	3.34	0.512	ok	0.512	0.452-0.572
Styrene	12.75	10.59	1.204	ok	1.204	1.144-1.264
1,1,1-Trichloroethane	4.05	3.34	1.213	ok	1.212	1.152-1.272
1,1,1,2-Tetrachloroethane	10.68	10.59	1.008	ok	1.009	0.949-1.069
1,1,2,2-Tetrachloroethane	12.99	10.59	1.227	ok	1.227	1.167-1.287
1,1,2-Trichloroethane	7.23	4.74	1.525	ok	1.528	1.468-1.588
1,2,4-Trichlorobenzene	18.48	10.59	1.745	ok	1.746	1.686-1.806
1,2,3-Trichloropropane	13.27	10.59	1.253	ok	1.253	1.193-1.313
1,2,3-Trimethylbenzene	17.18	10.59	1.622	ok	1.623	1.563-1.683
1,2,4-Trimethylbenzene	16.81	10.59	1.587	ok	1.587	1.527-1.647
1,3,5-Trimethylbenzene	16.35	10.59	1.544	ok	1.545	1.485-1.605
2,2,4-Trimethylpentane	5.45	4.74	1.150	ok	1.151	1.091-1.211
Tertiary Butyl Alcohol	2.40	3.34	0.719	ok	0.719	0.659-0.779
Tetrachloroethylene	9.42	4.74	1.987	ok	1.989	1.929-2.049
Tetrahydrofuran	3.65	3.34	1.093	ok	1.094	1.034-1.154
Toluene	7.62	4.74	1.608	ok	1.609	1.549-1.669
Trichloroethylene	5.35	4.74	1.129	ok	1.130	1.070-1.190
Trichlorofluoromethane	2.19	3.34	0.656	ok	0.656	0.596-0.716
Vinyl chloride	1.83	3.34	0.548	ok	0.548	0.488-0.608
Vinyl Acetate	2.93	3.34	0.877	ok	0.877	0.817-0.937
m,p-Xylene	12.01	10.59	1.134	ok	1.135	1.075-1.195
o-Xylene	12.97	10.59	1.225	ok	1.224	1.164-1.284

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	3.34	ok	3.34	3.01-3.67	49377	ok	48058	28835-67281
1,4-Difluorobenzene	4.74	ok	4.73	4.40-5.06	249392	ok	240724	144434-337014
Chlorobenzene-D5	10.59	ok	10.59	10.26-10.92	219656	ok	213567	128140-298994

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	2.14	3.34	0.641	ok	0.641	0.581-0.701
Acrolein	2.10	3.34	0.629	ok	0.629	0.569-0.689
Acrylonitrile	2.27	3.34	0.680	ok	0.680	0.620-0.740
Acetonitrile	2.06	3.34	0.617	ok	0.618	0.558-0.678
1,3-Butadiene	1.86	3.34	0.557	ok	0.559	0.499-0.619
Benzene	4.38	3.34	1.311	ok	1.312	1.252-1.372
Bromobenzene	14.39	10.59	1.359	ok	1.358	1.298-1.418
Bromodichloromethane	5.30	4.74	1.118	ok	1.119	1.059-1.179
Bromoform	11.84	10.59	1.118	ok	1.117	1.057-1.177
Bromomethane	1.93	3.34	0.578	ok	0.579	0.519-0.639
Bromoethene	2.07	3.34	0.620	ok	0.620	0.560-0.680
n-Butane	1.88	3.34	0.563	ok	0.563	0.503-0.623
Benzyl Chloride	16.89	10.59	1.595	ok	1.595	1.535-1.655
n-Butylbenzene	17.59	10.59	1.661	ok	1.661	1.601-1.721
sec-Butylbenzene	17.07	10.59	1.612	ok	1.613	1.553-1.673
tert-Butylbenzene	16.81	10.59	1.587	ok	1.587	1.527-1.647
Carbon disulfide	2.52	3.34	0.754	ok	0.754	0.694-0.814
Chlorobenzene	10.67	10.59	1.008	ok	1.008	0.948-1.068
Chlorodifluoromethane	1.70	3.34	0.509	ok	0.511	0.451-0.571
Chloroethane	1.98	3.34	0.593	ok	0.593	0.533-0.653
Chlorotrifluoroethene	1.71	3.34	0.512	ok	0.513	0.453-0.573
Chloroform	3.42	3.34	1.024	ok	1.024	0.964-1.084
Chloromethane	1.77	3.34	0.530	ok	0.531	0.471-0.591
3-Chloropropene	2.46	3.34	0.737	ok	0.737	0.677-0.797
2-Chlorotoluene	15.53	10.59	1.466	ok	1.466	1.406-1.526
Carbon tetrachloride	4.50	3.34	1.347	ok	1.348	1.288-1.408
Cyclohexane	4.60	4.74	0.970	ok	0.973	0.913-1.033
1,1-Dichloroethane	2.85	3.34	0.853	ok	0.854	0.794-0.914
1,1-Dichloroethylene	2.38	3.34	0.713	ok	0.713	0.653-0.773
1,2-Dibromoethane (EDB)	8.55	4.74	1.804	ok	1.803	1.743-1.863
1,2-Dichloroethane	3.87	3.34	1.159	ok	1.158	1.098-1.218
1,2-Dichloropropane	5.10	4.74	1.076	ok	1.078	1.018-1.138
1,3-Dichloropropane	7.69	4.74	1.622	ok	1.623	1.563-1.683
1,4-Dioxane	5.37	4.74	1.133	ok	1.136	1.076-1.196
Dichlorodifluoromethane	1.73	3.34	0.518	ok	0.518	0.458-0.578
Dichlorofluoromethane	2.00	3.34	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	8.19	4.74	1.728	ok	1.729	1.669-1.789
Dibromomethane	5.06	4.74	1.068	ok	1.068	1.008-1.128
trans-1,2-Dichloroethylene	2.77	3.34	0.829	ok	0.829	0.769-0.889

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	3.25	3.34	0.973	ok	0.973	0.913-1.033
cis-1,3-Dichloropropene	6.35	4.74	1.340	ok	1.341	1.281-1.401
m-Dichlorobenzene	16.87	10.59	1.593	ok	1.593	1.533-1.653
o-Dichlorobenzene	17.24	10.59	1.628	ok	1.628	1.568-1.688
p-Dichlorobenzene	16.95	10.59	1.601	ok	1.601	1.541-1.661
trans-1,3-Dichloropropene	7.07	4.74	1.492	ok	1.492	1.432-1.552
Di-Isopropyl ether	3.40	3.34	1.018	ok	1.018	0.958-1.078
2,3-Dimethylpentane	4.88	4.74	1.030	ok	1.030	0.970-1.090
2,4-Dimethylpentane	3.96	3.34	1.186	ok	1.186	1.126-1.246
Ethanol	2.00	3.34	0.599	ok	0.601	0.541-0.661
Ethylbenzene	11.58	10.59	1.093	ok	1.093	1.033-1.153
Ethyl Acetate	3.41	3.34	1.021	ok	1.021	0.961-1.081
Ethyl Acrylate	5.24	4.74	1.105	ok	1.106	1.046-1.166
4-Ethyltoluene	16.21	10.59	1.531	ok	1.531	1.471-1.591
Freon 113	2.52	3.34	0.754	ok	0.754	0.694-0.814
Freon 114	1.80	3.34	0.539	ok	0.539	0.479-0.599
Freon 123	2.12	3.34	0.635	ok	0.634	0.574-0.694
Freon 123A	2.13	3.34	0.638	ok	0.638	0.578-0.698
Freon 142B	1.77	3.34	0.530	ok	0.530	0.470-0.590
Freon 152A	1.70	3.34	0.509	ok	0.506	0.446-0.566
Heptane	5.79	4.74	1.222	ok	1.222	1.162-1.282
Hexachlorobutadiene	18.78	10.59	1.773	ok	1.774	1.714-1.834
Hexachloroethane	17.77	10.59	1.678	ok	1.678	1.618-1.738
Hexane	3.39	3.34	1.015	ok	1.016	0.956-1.076
2-Hexanone	8.22	4.74	1.734	ok	1.737	1.677-1.797
Iodomethane	2.35	3.34	0.704	ok	0.706	0.646-0.766
Isopropylbenzene	14.51	10.59	1.370	ok	1.370	1.310-1.430
Isopropyl Alcohol	2.20	3.34	0.659	ok	0.662	0.602-0.722
p-Isopropyltoluene	17.25	10.59	1.629	ok	1.629	1.569-1.689
Methylene chloride	2.42	3.34	0.725	ok	0.725	0.665-0.785
Methyl ethyl ketone	3.04	3.34	0.910	ok	0.911	0.851-0.971
Methyl Isobutyl Ketone	6.46	4.74	1.363	ok	1.367	1.307-1.427
Methyl Tert Butyl Ether	2.89	3.34	0.865	ok	0.865	0.805-0.925
Methylmethacrylate	5.68	4.74	1.198	ok	1.201	1.141-1.261
Naphthalene	18.53	10.59	1.750	ok	1.750	1.690-1.810
Nonane	14.10	10.59	1.331	ok	1.331	1.271-1.391
Octane	9.57	4.74	2.019	ok	2.020	1.960-2.080
Pentane	2.30	3.34	0.689	ok	0.689	0.629-0.749
n-Propylbenzene	15.87	10.59	1.499	ok	1.498	1.438-1.558

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	Reporting this level
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	1.71	3.34	0.512	ok	0.512	0.452-0.572
Styrene	12.76	10.59	1.205	ok	1.204	1.144-1.264
1,1,1-Trichloroethane	4.05	3.34	1.213	ok	1.212	1.152-1.272
1,1,1,2-Tetrachloroethane	10.69	10.59	1.009	ok	1.009	0.949-1.069
1,1,2,2-Tetrachloroethane	13.00	10.59	1.228	ok	1.227	1.167-1.287
1,1,2-Trichloroethane	7.24	4.74	1.527	ok	1.528	1.468-1.588
1,2,4-Trichlorobenzene	18.49	10.59	1.746	ok	1.746	1.686-1.806
1,2,3-Trichloropropane	13.28	10.59	1.254	ok	1.253	1.193-1.313
1,2,3-Trimethylbenzene	17.18	10.59	1.622	ok	1.623	1.563-1.683
1,2,4-Trimethylbenzene	16.81	10.59	1.587	ok	1.587	1.527-1.647
1,3,5-Trimethylbenzene	16.36	10.59	1.545	ok	1.545	1.485-1.605
2,2,4-Trimethylpentane	5.45	4.74	1.150	ok	1.151	1.091-1.211
Tertiary Butyl Alcohol	2.39	3.34	0.716	ok	0.719	0.659-0.779
Tetrachloroethylene	9.42	4.74	1.987	ok	1.989	1.929-2.049
Tetrahydrofuran	3.65	3.34	1.093	ok	1.094	1.034-1.154
Toluene	7.62	4.74	1.608	ok	1.609	1.549-1.669
Trichloroethylene	5.36	4.74	1.131	ok	1.130	1.070-1.190
Trichlorofluoromethane	2.19	3.34	0.656	ok	0.656	0.596-0.716
Vinyl chloride	1.83	3.34	0.548	ok	0.548	0.488-0.608
Vinyl Acetate	2.93	3.34	0.877	ok	0.877	0.817-0.937
m,p-Xylene	12.02	10.59	1.135	ok	1.135	1.075-1.195
o-Xylene	12.97	10.59	1.225	ok	1.224	1.164-1.284

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	3.34	ok	3.34	3.01-3.67	46967	ok	48058	28835-67281
1,4-Difluorobenzene	4.74	ok	4.73	4.40-5.06	253136	ok	240724	144434-337014
Chlorobenzene-D5	10.59	ok	10.59	10.26-10.92	227517	ok	213567	128140-298994

Initial Calibration Retention Time/Internal Standard Area Summary

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V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone (2-Propanone)	2.14	3.34	0.641	ok	0.641	0.581-0.701
Acrolein	2.10	3.34	0.629	ok	0.629	0.569-0.689
Acrylonitrile	2.27	3.34	0.680	ok	0.680	0.620-0.740
Acetonitrile	2.06	3.34	0.617	ok	0.618	0.558-0.678
1,3-Butadiene	1.86	3.34	0.557	ok	0.559	0.499-0.619
Benzene	4.38	3.34	1.311	ok	1.312	1.252-1.372
Bromobenzene	14.39	10.59	1.359	ok	1.358	1.298-1.418
Bromodichloromethane	5.30	4.74	1.118	ok	1.119	1.059-1.179
Bromoform	11.84	10.59	1.118	ok	1.117	1.057-1.177
Bromomethane	1.93	3.34	0.578	ok	0.579	0.519-0.639
Bromoethene	2.07	3.34	0.620	ok	0.620	0.560-0.680
n-Butane	1.88	3.34	0.563	ok	0.563	0.503-0.623
Benzyl Chloride	16.89	10.59	1.595	ok	1.595	1.535-1.655
n-Butylbenzene	17.59	10.59	1.661	ok	1.661	1.601-1.721
sec-Butylbenzene	17.08	10.59	1.613	ok	1.613	1.553-1.673
tert-Butylbenzene	16.81	10.59	1.587	ok	1.587	1.527-1.647
Carbon disulfide	2.52	3.34	0.754	ok	0.754	0.694-0.814
Chlorobenzene	10.68	10.59	1.008	ok	1.008	0.948-1.068
Chlorodifluoromethane	1.70	3.34	0.509	ok	0.511	0.451-0.571
Chloroethane	1.98	3.34	0.593	ok	0.593	0.533-0.653
Chlorotrifluoroethene	1.71	3.34	0.512	ok	0.513	0.453-0.573
Chloroform	3.42	3.34	1.024	ok	1.024	0.964-1.084
Chloromethane	1.77	3.34	0.530	ok	0.531	0.471-0.591
3-Chloropropene	2.46	3.34	0.737	ok	0.737	0.677-0.797
2-Chlorotoluene	15.53	10.59	1.466	ok	1.466	1.406-1.526
Carbon tetrachloride	4.50	3.34	1.347	ok	1.348	1.288-1.408
Cyclohexane	4.60	4.74	0.970	ok	0.973	0.913-1.033
1,1-Dichloroethane	2.85	3.34	0.853	ok	0.854	0.794-0.914
1,1-Dichloroethylene	2.38	3.34	0.713	ok	0.713	0.653-0.773
1,2-Dibromoethane (EDB)	8.55	4.74	1.804	ok	1.803	1.743-1.863
1,2-Dichloroethane	3.87	3.34	1.159	ok	1.158	1.098-1.218
1,2-Dichloropropane	5.11	4.74	1.078	ok	1.078	1.018-1.138
1,3-Dichloropropane	7.69	4.74	1.622	ok	1.623	1.563-1.683
1,4-Dioxane	5.37	4.74	1.133	ok	1.136	1.076-1.196
Dichlorodifluoromethane	1.73	3.34	0.518	ok	0.518	0.458-0.578
Dichlorofluoromethane	2.00	3.34	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	8.19	4.74	1.728	ok	1.729	1.669-1.789
Dibromomethane	5.06	4.74	1.068	ok	1.068	1.008-1.128
trans-1,2-Dichloroethylene	2.77	3.34	0.829	ok	0.829	0.769-0.889

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
cis-1,2-Dichloroethylene	3.25	3.34	0.973	ok	0.973	0.913-1.033
cis-1,3-Dichloropropene	6.35	4.74	1.340	ok	1.341	1.281-1.401
m-Dichlorobenzene	16.87	10.59	1.593	ok	1.593	1.533-1.653
o-Dichlorobenzene	17.24	10.59	1.628	ok	1.628	1.568-1.688
p-Dichlorobenzene	16.95	10.59	1.601	ok	1.601	1.541-1.661
trans-1,3-Dichloropropene	7.07	4.74	1.492	ok	1.492	1.432-1.552
Di-Isopropyl ether	3.40	3.34	1.018	ok	1.018	0.958-1.078
2,3-Dimethylpentane	4.88	4.74	1.030	ok	1.030	0.970-1.090
2,4-Dimethylpentane	3.96	3.34	1.186	ok	1.186	1.126-1.246
Ethanol	2.00	3.34	0.599	ok	0.601	0.541-0.661
Ethylbenzene	11.58	10.59	1.093	ok	1.093	1.033-1.153
Ethyl Acetate	3.41	3.34	1.021	ok	1.021	0.961-1.081
Ethyl Acrylate	5.24	4.74	1.105	ok	1.106	1.046-1.166
4-Ethyltoluene	16.21	10.59	1.531	ok	1.531	1.471-1.591
Freon 113	2.52	3.34	0.754	ok	0.754	0.694-0.814
Freon 114	1.80	3.34	0.539	ok	0.539	0.479-0.599
Freon 123	2.11	3.34	0.632	ok	0.634	0.574-0.694
Freon 123A	2.13	3.34	0.638	ok	0.638	0.578-0.698
Freon 142B	1.77	3.34	0.530	ok	0.530	0.470-0.590
Freon 152A	1.69	3.34	0.506	ok	0.506	0.446-0.566
Heptane	5.78	4.74	1.219	ok	1.222	1.162-1.282
Hexachlorobutadiene	18.78	10.59	1.773	ok	1.774	1.714-1.834
Hexachloroethane	17.77	10.59	1.678	ok	1.678	1.618-1.738
Hexane	3.39	3.34	1.015	ok	1.016	0.956-1.076
2-Hexanone	8.22	4.74	1.734	ok	1.737	1.677-1.797
Iodomethane	2.35	3.34	0.704	ok	0.706	0.646-0.766
Isopropylbenzene	14.51	10.59	1.370	ok	1.370	1.310-1.430
Isopropyl Alcohol	2.20	3.34	0.659	ok	0.662	0.602-0.722
p-Isopropyltoluene	17.25	10.59	1.629	ok	1.629	1.569-1.689
Methylene chloride	2.42	3.34	0.725	ok	0.725	0.665-0.785
Methyl ethyl ketone	3.04	3.34	0.910	ok	0.911	0.851-0.971
Methyl Isobutyl Ketone	6.47	4.74	1.365	ok	1.367	1.307-1.427
Methyl Tert Butyl Ether	2.89	3.34	0.865	ok	0.865	0.805-0.925
Methylmethacrylate	5.69	4.74	1.200	ok	1.201	1.141-1.261
Naphthalene	18.53	10.59	1.750	ok	1.750	1.690-1.810
Nonane	14.11	10.59	1.332	ok	1.331	1.271-1.391
Octane	9.57	4.74	2.019	ok	2.020	1.960-2.080
Pentane	2.30	3.34	0.689	ok	0.689	0.629-0.749
n-Propylbenzene	15.87	10.59	1.499	ok	1.498	1.438-1.558

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V6W1125-IC1125	6W26448.D	10/19/22 19:10	TCH	0.04	GCMS6W	TO-15	
V6W1125-IC1125	6W26449.D	10/19/22 19:43	TCH	0.1	GCMS6W	TO-15	
V6W1125-IC1125	6W26450.D	10/19/22 20:15	TCH	0.2	GCMS6W	TO-15	
V6W1125-IC1125	6W26451.D	10/19/22 20:47	TCH	0.5	GCMS6W	TO-15	
V6W1125-IC1125	6W26453.D	10/19/22 21:52	TCH	5	GCMS6W	TO-15	
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	TCH	10	GCMS6W	TO-15	
V6W1125-IC1125	6W26455.D	10/19/22 22:57	TCH	20	GCMS6W	TO-15	
V6W1125-IC1125	6W26456.D	10/19/22 23:29	TCH	40	GCMS6W	TO-15	
V6W1125-IC1125	6W26457.D	10/20/22 00:03	TCH	50	GCMS6W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Propylene	1.71	3.34	0.512	ok	0.512	0.452-0.572
Styrene	12.76	10.59	1.205	ok	1.204	1.144-1.264
1,1,1-Trichloroethane	4.05	3.34	1.213	ok	1.212	1.152-1.272
1,1,1,2-Tetrachloroethane	10.69	10.59	1.009	ok	1.009	0.949-1.069
1,1,2,2-Tetrachloroethane	13.00	10.59	1.228	ok	1.227	1.167-1.287
1,1,2-Trichloroethane	7.24	4.74	1.527	ok	1.528	1.468-1.588
1,2,4-Trichlorobenzene	18.49	10.59	1.746	ok	1.746	1.686-1.806
1,2,3-Trichloropropane	13.29	10.59	1.255	ok	1.253	1.193-1.313
1,2,3-Trimethylbenzene	17.19	10.59	1.623	ok	1.623	1.563-1.683
1,2,4-Trimethylbenzene	16.81	10.59	1.587	ok	1.587	1.527-1.647
1,3,5-Trimethylbenzene	16.36	10.59	1.545	ok	1.545	1.485-1.605
2,2,4-Trimethylpentane	5.45	4.74	1.150	ok	1.151	1.091-1.211
Tertiary Butyl Alcohol	2.39	3.34	0.716	ok	0.719	0.659-0.779
Tetrachloroethylene	9.42	4.74	1.987	ok	1.989	1.929-2.049
Tetrahydrofuran	3.65	3.34	1.093	ok	1.094	1.034-1.154
Toluene	7.62	4.74	1.608	ok	1.609	1.549-1.669
Trichloroethylene	5.35	4.74	1.129	ok	1.130	1.070-1.190
Trichlorofluoromethane	2.19	3.34	0.656	ok	0.656	0.596-0.716
Vinyl chloride	1.83	3.34	0.548	ok	0.548	0.488-0.608
Vinyl Acetate	2.93	3.34	0.877	ok	0.877	0.817-0.937
m,p-Xylene	12.02	10.59	1.135	ok	1.135	1.075-1.195
o-Xylene	12.97	10.59	1.225	ok	1.224	1.164-1.284

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	3.34	ok	3.34	3.01-3.67	49484	ok	48058	28835-67281
1,4-Difluorobenzene	4.74	ok	4.73	4.40-5.06	256894	ok	240724	144434-337014
Chlorobenzene-D5	10.59	ok	10.59	10.26-10.92	229830	ok	213567	128140-298994

Surrogate Recovery Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Method: TO-15 **Matrix:** AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JD56955-1	3W78399.D	103
JD56955-2	3W78400.D	101
JD56955-3	3W78401.D	102
JD56955-4	3W78402.D	103
JD56989-1DUP	3W78387.D	101
V3W3087-BS	3W78382.D	101
V3W3087-BSD	3W78383.D	101
V3W3087-MB	3W78385.D	100
V6W1137-SCC	6W26859.D	98
V6W1141-SCC	6W26974.D	98
V6W1142-SCC	6W27001.D	106
V6W1137-BS	6W26824.D	101
V6W1137-BSD	6W26825.D	102
V6W1137-MB	6W26830.D	98
V6W1141-BS	6W26946.D	103
V6W1141-BSD	6W26947.D	104
V6W1141-MB	6W26949.D	100
V6W1142-BS	6W26991.D	110
V6W1142-BSD	6W26992.D	111
V6W1142-MB	6W26995.D	106

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	65-128%

Initial Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V3W3055-ICC3055
Lab FileID: 3W77573.D

Response Factor Report GCMS3W

Method : C:\msdchem\1\methods\M3W3055.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

Calibration Files
0.04=3w77567.D 0.1 =3w77568.D 0.2 =3w77569.D 0.5 =3w77571.D
5 =3w77572.D 10 =3w77573.D 20 =3w77574.D 40 =3w77575.D
50 =3w77576.D =

Compound	0.04	0.1	0.2	0.5	5	10	20	40	50	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------										
2) FREON 115										0.000	-1.00
3) FREON 152A	0.940	0.853	1.084	0.903	0.865	0.848	0.871	0.902		0.908	8.51
4) CHLORODIFLUOROMETHANE	0.371	0.413	0.557	0.467	0.459	0.452	0.466	0.483		0.458	11.71
5) CHLOROTRIFLUOROETHENE	2.009	1.874	2.437	2.014	1.960	1.922	1.955	2.047		2.027	8.60
6) DICHLORODIFLUOROMETHANE	4.308	4.645	6.034	4.949	4.745	4.614	4.656	4.811		4.845	10.62
7) PROPYLENE	1.464	1.321	1.766	1.413	1.356	1.336	1.366	1.414		1.430	10.06
8) 1-CHLORO-1,1-DIFLUOROETHANE	3.557	3.395	4.302	3.467	3.347	3.219	3.159	3.198		3.456	10.68
9) FREON 114	4.052	3.787	5.031	4.013	3.818	3.659	3.534	3.510		3.925	12.45
10) CHLOROMETHANE	0.322	0.396	0.553	0.431	0.409	0.396	0.388	0.392		0.411	15.89
11) VINYL CHLORIDE	1.534	1.313	1.803	1.429	1.368	1.304	1.275	1.280		1.413	12.76
12) 1,3-BUTADIENE	1.153	1.059	1.347	1.057	1.022	0.988	0.958	0.970		1.069	12.01
13) n-BUTANE	3.079	2.793	3.170	2.446	2.348	2.225	2.148	2.158		2.546	16.24
14) BROMOMETHANE	1.770	1.473	1.768	1.213	1.197	1.124	1.105	1.114		1.345	21.32
15) CHLOROETHANE	0.552	0.654	0.783	0.600	0.576	0.570	0.561	0.594		0.611	12.49
16) DICHLOROFLUOROMETHANE	3.320	3.137	3.785	3.086	2.937	2.839	2.705	2.835		3.080	11.22
17) ACETONITRILE	1.901	1.833	1.956	1.313	1.286	1.205	1.249	1.339		1.510	21.45
18) ACROLEIN	0.335	0.375	0.690	0.583	0.584	0.565	0.571	0.604		0.538	22.36
19) FREON 123	3.371	3.317	4.375	3.461	3.332	3.207	3.157	3.273		3.437	11.37
20) FREON 123A	1.898	1.833	2.368	1.904	1.858	1.784	1.783	1.861		1.911	9.94
21) TRICHLOROFLUOROMETHANE	4.297	4.161	5.188	4.134	3.995	3.854	3.831	3.998		4.182	10.42
22) ISOPROPYL ALCOHOL	3.472	3.192	3.937	3.220	3.096	2.971	2.933	3.071		3.237	10.17
23) ACETONE											

```
                1.051 0.940 0.843 0.689 0.662 0.631 0.622 0.650   0.761   21.42
24)  PENTANE
                1.861 1.758 2.288 1.792 1.718 1.649 1.645 1.719   1.804   11.54
25)  IODOMETHANE
                3.882 3.663 4.821 3.984 3.933 3.850 3.868 4.038   4.005    8.69
26)  1,1-DICHLOROETHYLENE
                1.442 1.422 1.774 1.442 1.381 1.352 1.369 1.449   1.454    9.26
27)  CARBON DISULFIDE
                4.400 4.154 5.424 4.364 4.160 3.993 3.971 4.146   4.327   10.83
28)  ETHANOL
                      1.094 0.851 0.629 0.618 0.594 0.562 0.619   0.710   27.33
29)  BROMOETHENE
                1.246 1.187 1.573 1.263 1.256 1.187 1.200 1.270   1.273    9.91
30)  ACRYLONITRILE
                0.620 0.768 1.034 0.922 0.905 0.874 0.876 0.924   0.865   14.24
31)  METHYLENE CHLORIDE
                      1.843 1.895 1.324 1.263 1.209 1.207 1.273   1.430   21.15
32)  3-CHLOROPROPENE
                0.589 0.684 0.851 0.706 0.687 0.671 0.670 0.709   0.696   10.48
33)  FREON 113
                2.529 2.407 3.204 2.589 2.525 2.486 2.537 2.672   2.619    9.48
34)  TRANS-1,2-DICHLOROETHYLENE
                1.371 1.399 1.795 1.492 1.436 1.410 1.443 1.524   1.484    9.11
35)  TERTIARY BUTYL ALCOHOL
                3.366 3.148 4.160 3.408 3.332 3.233 3.243 3.397   3.411    9.27
36)  METHYL TERTIARY BUTYL ETHER
                4.696 4.205 5.437 4.376 4.250 4.171 4.165 4.360   4.457    9.69
37)  TETRAHYDROFURAN
                0.678 0.561 0.826 0.706 0.700 0.693 0.703 0.741   0.701   10.44
38)  HEXANE
                2.230 2.178 2.900 2.382 2.311 2.247 2.283 2.338   2.359    9.66
39)  VINYL ACETATE
                0.245 0.273 0.366 0.315 0.318 0.324 0.329 0.344   0.314   12.26
40)  1,1-DICHLOROETHANE
                2.833 2.756 3.484 2.808 2.693 2.616 2.608 2.720   2.815   10.04
41)  METHYL ETHYL KETONE
                0.640 0.601 0.826 0.727 0.705 0.692 0.703 0.743   0.705    9.54
42)  cis-1,2-DICHLOROETHYLENE
                1.463 1.450 1.787 1.525 1.483 1.479 1.507 1.584   1.535    7.19
43)  DIISOPROPYL ETHER
                0.638 0.689 0.873 0.729 0.706 0.697 0.711 0.735   0.722    9.39
44)  ETHYL ACETATE
                0.454 0.458 0.578 0.507 0.495 0.488 0.495 0.513   0.499    7.74
45)  METHYL ACRYLATE
                2.512 2.476 3.289 2.920 2.842 2.795 2.836 2.909   2.823    9.01
46)  CHLOROFORM
                3.413 3.197 4.266 3.369 3.262 3.178 3.231 3.383   3.412   10.44
47)  2,4-DIMETHYLPENTANE
                2.681 2.417 3.294 2.723 2.652 2.603 2.647 2.770   2.723    9.30
48)  1,1,1-TRICHLOROETHANE
                3.540 3.387 4.325 3.539 3.460 3.419 3.488 3.665   3.603    8.44
49)  CARBON TETRACHLORIDE
                3.731 3.458 4.611 3.808 3.719 3.710 3.806 3.999   3.855    8.82
50)  1,2-DICHLOROETHANE
                2.176 2.221 2.749 2.325 2.249 2.215 2.268 2.372   2.322    7.91

51) I   1,4-DIFLUOROBENZENE   ----------------ISTD---------------------
52)  BENZENE
                0.996 0.933 1.137 0.941 0.914 0.888 0.876 0.882   0.946    9.15
53)  CYCLOHEXANE
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                0.549 0.447 0.486 0.388 0.384 0.374 0.374 0.378   0.423   15.42
54)  2,3-DIMETHYLPENTANE
                0.200 0.189 0.257 0.212 0.206 0.200 0.202 0.204   0.209    9.91
55)  TRICHLOROETHYLENE
           0.439 0.449 0.423 0.519 0.439 0.437 0.432 0.430 0.425   0.444    6.59
56)  1,2-DICHLOROPROPANE
                0.376 0.358 0.451 0.375 0.366 0.360 0.364 0.364   0.377    8.14
57)  DIBROMOMETHANE
                0.417 0.378 0.449 0.387 0.394 0.397 0.397 0.398   0.402    5.49
58)  ETHYL ACRYLATE
                0.598 0.570 0.790 0.722 0.729 0.736 0.752 0.751   0.706   11.08
59)  BROMODICHLOROMETHANE
                0.719 0.722 0.916 0.762 0.755 0.752 0.757 0.757   0.767    8.13
60)  2,2,4-TRIMETHYLPENTANE
                1.447 1.419 1.825 1.564 1.517 1.494 1.467 1.448   1.522    8.56
61)  1,4-DIOXANE
                0.179 0.181 0.222 0.202 0.203 0.205 0.208 0.207   0.201    7.17
62)  HEPTANE
                0.644 0.580 0.760 0.644 0.632 0.615 0.618 0.622   0.639    8.26
63)  METHYL METHACRYLATE
                0.290 0.289 0.388 0.344 0.346 0.343 0.346 0.351   0.337    9.78
64)  METHYL ISOBUTYL KETONE
                0.219 0.228 0.318 0.290 0.292 0.291 0.291 0.294   0.278   12.51
65)  cis-1,3-DICHLOROPROPENE
                0.522 0.477 0.641 0.578 0.576 0.577 0.578 0.581   0.566    8.50
66)  TOLUENE
                0.724 0.646 0.783 0.669 0.665 0.660 0.657 0.659   0.683    6.82
67)  1,3-DICHLOROPROPANE
                0.544 0.527 0.690 0.577 0.567 0.559 0.560 0.562   0.573    8.63
68)  trans-1,3-DICHLOROPROPENE
                0.428 0.456 0.573 0.527 0.532 0.533 0.536 0.543   0.516    9.36
69)  1,1,2-TRICHLOROETHANE
                0.359 0.331 0.410 0.349 0.345 0.341 0.343 0.346   0.353    6.93

70) I   CHLOROBENZENE-D5      ----------------ISTD---------------------
71)  2-HEXANONE
                0.489 0.466 0.790 0.744 0.718 0.661 0.582 0.555   0.626   19.30
72)  ETHYL METHACRYLATE
                0.888 0.875 1.259 1.133 1.101 1.005 0.874 0.827   0.995   15.61
73)  TETRACHLOROETHYLENE
          1.187 1.017 0.947 1.141 0.895 0.881 0.817 0.717 0.689   0.921   18.70
74)  DIBROMOCHLOROMETHANE
                1.447 1.282 1.805 1.473 1.430 1.318 1.148 1.099   1.375   16.08
75)  1,2-DIBROMOETHANE
                1.112 1.134 1.446 1.172 1.128 1.034 0.904 0.865   1.100   16.32
76)  OCTANE
                1.760 1.565 2.073 1.706 1.618 1.462 1.276 1.202   1.583   17.59
77)  1,1,1,2-TETRACHLOROETHANE
                1.011 1.011 1.321 1.042 1.007 0.927 0.800 0.750   0.984   17.63
78)  CHLOROBENZENE
                1.801 1.772 2.260 1.773 1.709 1.555 1.339 1.252   1.683   18.58
79)  ETHYLBENZENE
                3.868 3.265 3.797 2.981 2.835 2.553 2.181 2.058   2.942   23.04
80)  m,p-XYLENE
                1.394 1.223 1.450 1.140 1.087 0.988 0.851 0.797   1.116   21.14
81)  o-XYLENE
                1.294 1.139 1.378 1.129 1.070 0.972 0.826 0.761   1.071   19.90
82)  STYRENE
                1.457 1.386 1.903 1.678 1.640 1.493 1.305 1.240   1.513   14.43
83)  NONANE
```

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                1.596 1.646 2.169 1.849 1.737 1.565 1.363 1.275   1.650   16.99
 84)  BROMOFORM
                1.220 1.221 1.694 1.495 1.487 1.388 1.228 1.178   1.364   13.47
 85)  4-BROMOFLUOROBENZENE
           1.188 1.216 1.235 1.245 1.265 1.231 1.141 1.016 0.970   1.167    9.08
 86)  1,1,2,2-TETRACHLOROETHANE
                1.757 1.651 2.123 1.789 1.695 1.542 1.314 1.207   1.635   17.54
 87)  1,2,3-TRICHLOROPROPANE
                1.345 1.305 1.704 1.387 1.307 1.176 1.030 0.979   1.279   17.74
 88)  ISOPROPYLBENZENE
                3.295 3.165 4.142 3.445 3.246 2.897 2.441 2.266   3.112   18.96
 89)  BROMOBENZENE
                1.472 1.442 1.903 1.613 1.532 1.413 1.250 1.198   1.478   14.85
 90)  2-CHLOROTOLUENE
                0.816 0.775 1.019 0.870 0.830 0.755 0.656 0.622   0.793   15.73
 91)  n-PROPYLBENZENE
                0.751 0.783 1.064 0.940 0.893 0.813 0.703 0.666   0.827   16.01
 92)  4-ETHYLTOLUENE
                2.659 2.777 3.878 3.433 3.245 2.917 2.468 2.291   2.958   17.90
 93)  1,3,5-TRIMETHYLBENZENE
                2.289 2.408 3.298 2.904 2.720 2.471 2.092 1.960   2.518   17.49
 94)  ALPHA-METHYLSTYRENE
                0.939 0.993 1.489 1.469 1.396 1.273 1.103 1.041   1.213   18.27
 95)  tert-BUTYLBENZENE
                0.534 0.517 0.772 0.675 0.639 0.574 0.464 0.418   0.574   20.28
 96)  1,2,4-TRIMETHYLBENZENE
                2.258 2.327 3.345 3.011 2.855 2.575 2.095 1.880   2.543   19.54
 97)  m-DICHLOROBENZENE
                1.459 1.517 2.047 1.935 1.842 1.666 1.415 1.314   1.649   16.17
 98)  BENZYL CHLORIDE
                1.315 1.366 1.695 2.099 2.115 2.011 1.795 1.677   1.759   17.58
 99)  p-DICHLOROBENZENE
                1.364 1.412 1.916 1.869 1.792 1.645 1.422 1.333   1.594   15.09
100)  sec-BUTYLBENZENE
                0.644 0.694 0.984 0.874 0.817 0.738 0.629 0.586   0.746   18.30
101)  1,2,3-Trimethylbenzene
                2.361 2.435 3.449 3.071 2.956 2.657 2.135 1.907   2.621   19.60
102)  p-ISOPROPYLTOLUENE
                0.706 0.738 1.118 0.976 0.933 0.836 0.657 0.585   0.819   22.02
103)  o-DICHLOROBENZENE
                1.410 1.512 2.046 1.930 1.824 1.656 1.432 1.337   1.643   16.06
104)  n-BUTYLBENZENE
                0.564 0.606 0.919 0.898 0.862 0.790 0.692 0.645   0.747   18.52
105)  HEXACHLOROETHANE
                1.096 1.051 1.503 1.364 1.301 1.189 1.031 0.934   1.184   16.27
106)  HEXACHLOROBUTADIENE
                1.435 1.429 1.986 1.923 1.904 1.814 1.633 1.480   1.701   13.76
107)  1,2,4-TRICHLOROBENZENE
                     0.490 0.873 1.401 1.498 1.518 1.426 1.332   1.220   31.89
108)  NAPHTHALENE
                     1.306 1.795 2.988 3.143 3.070 2.732 2.506   2.506   28.00

109) I   BROMOCHLOROMETHANE (A ----------------ISTD----------------------
110)  TVHC as equiv Pentane
                1.043 0.905 1.412 1.110 1.056 1.018 1.022 1.066   1.079 E1   13.60
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          M3W3055.M         Mon Nov 07 15:09:47 2022
```

Initial Calibration Verification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V3W3055-ICV3055
Lab FileID: 3W77585.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\3w77585.D Vial: 4
Acq On : 6 Nov 2022 4:46 pm Operator: thomash
Sample : icv3055-10 Inst : GCMS3W
Misc : MS61115,V3W3055,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\msdchem\1\methods\M3W3055.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Mon Nov 07 14:21:45 2022
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	124	0.00	8.08
2	FREON 115		----------NA----------				
3	FREON 152A	0.908	0.802	11.7	115	0.00	4.34
4	CHLORODIFLUOROMETHANE	0.458	0.402	12.2	109	0.00	4.37
5	CHLOROTRIFLUOROETHENE	2.027	1.764	13.0	112	0.00	4.40
6	DICHLORODIFLUOROMETHANE	4.845	4.319	10.9	113	0.00	4.45
7	PROPYLENE	1.430	1.349	5.7	123	0.00	4.39
8	1-CHLORO-1,1-DIFLUOROETHA	3.456	3.786	-9.5	140#	0.00	4.56
9	FREON 114	3.925	4.447	-13.3	144#	0.00	4.64
10	CHLOROMETHANE	0.411	0.482	-17.3	146#	0.00	4.58
11	VINYL CHLORIDE	1.413	1.637	-15.9	148#	0.00	4.74
12	1,3-BUTADIENE	1.069	1.258	-17.7	153#	0.00	4.84
13	n-BUTANE	2.546	2.912	-14.4	154#	0.00	4.88
14	BROMOMETHANE	1.345	1.567	-16.5	162#	0.00	5.05
15	CHLOROETHANE	0.611	0.757	-23.9	163#	0.00	5.17
16	DICHLOROFLUOROMETHANE	3.080	3.501	-13.7	148#	0.00	5.23
17	ACETONITRILE	1.510	1.579	-4.6	152#	0.00	5.42
18	ACROLEIN	0.538	0.621	-15.4	132	0.00	5.51
19	FREON 123	3.437	3.463	-0.8	129	0.00	5.52
20	FREON 123A	1.911	2.108	-10.3	141#	0.00	5.57
21	TRICHLOROFLUOROMETHANE	4.182	3.972	5.0	123	0.00	5.74
22	ISOPROPYL ALCOHOL	3.237	3.263	-0.8	131	0.00	5.78
23	ACETONE	0.761	0.660	13.3	124	0.00	5.62
24	PENTANE	1.804	1.770	1.9	128	0.00	6.00
25	IODOMETHANE	4.005	3.809	4.9	120	0.00	6.19
26	1,1-DICHLOROETHYLENE	1.454	1.326	8.8	119	0.00	6.23
27	CARBON DISULFIDE	4.327	3.352	22.5	100	0.00	6.59
28	ETHANOL	0.710	0.915	-28.9	184#	0.00	5.24
29	BROMOETHENE	1.273	1.544	-21.3	152#	0.00	5.43
30	ACRYLONITRILE	0.865	0.964	-11.4	132	0.00	5.96
31	METHYLENE CHLORIDE	1.430	1.143	20.1	112	0.00	6.32
32	3-CHLOROPROPENE	0.696	0.594	14.7	107	0.00	6.41
33	FREON 113	2.619	2.172	17.1	107	0.00	6.51
34	TRANS-1,2-DICHLOROETHYLEN	1.484	1.211	18.4	105	0.00	7.06
35	TERTIARY BUTYL ALCOHOL	3.411	2.890	15.3	108	0.00	6.24
36	METHYL TERTIARY BUTYL ETH	4.457	3.618	18.8	106	0.00	7.27
37	TETRAHYDROFURAN	0.701	0.582	17.0	103	0.00	8.55
38	HEXANE	2.359	2.182	7.5	117	0.00	8.09
39	VINYL ACETATE	0.314	0.283	9.9	110	0.00	7.33
40	1,1-DICHLOROETHANE	2.815	2.412	14.3	111	0.00	7.23
41	METHYL ETHYL KETONE	0.705	0.620	12.1	109	0.00	7.56
42	cis-1,2-DICHLOROETHYLENE	1.535	1.280	16.6	107	0.00	7.93

Initial Calibration Verification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V3W3055-ICV3055
Lab FileID: 3W77585.D

43		DIISOPROPYL ETHER	0.722	0.638	11.6	112	0.00	8.08
44		ETHYL ACETATE	0.499	0.481	3.6	120	0.00	8.10
45		METHYL ACRYLATE	2.823	2.709	4.0	118	0.00	8.10
46		CHLOROFORM	3.412	2.764	19.0	105	0.00	8.18
47		2,4-DIMETHYLPENTANE	2.723	2.448	10.1	114	0.00	8.86
48		1,1,1-TRICHLOROETHANE	3.603	2.844	21.1	102	0.00	9.07
49		CARBON TETRACHLORIDE	3.855	3.141	18.5	105	0.00	9.62
50		1,2-DICHLOROETHANE	2.322	2.004	13.7	111	0.00	8.84
51	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	116	0.00	9.79
52		BENZENE	0.946	0.823	13.0	104	0.00	9.48
53		CYCLOHEXANE	0.423	0.355	16.1	107	0.00	9.73
54		2,3-DIMETHYLPENTANE	0.209	0.185	11.5	104	0.00	9.93
55		TRICHLOROETHYLENE	0.444	0.402	9.5	107	0.00	10.45
56		1,2-DICHLOROPROPANE	0.377	0.342	9.3	108	0.00	10.23
57		DIBROMOMETHANE	0.402	0.375	6.7	110	0.00	10.22
58		ETHYL ACRYLATE	0.706	0.725	-2.7	115	0.00	10.21
59		BROMODICHLOROMETHANE	0.767	0.685	10.7	105	0.00	10.42
60		2,2,4-TRIMETHYLPENTANE	1.522	1.484	2.5	113	0.00	10.47
61		1,4-DIOXANE	0.201	0.197	2.0	113	0.00	10.46
62		HEPTANE	0.639	0.634	0.8	116	0.00	10.71
63		METHYL METHACRYLATE	0.337	0.315	6.5	106	0.00	10.63
64		METHYL ISOBUTYL KETONE	0.278	0.279	-0.4	111	0.00	11.30
65		cis-1,3-DICHLOROPROPENE	0.566	0.551	2.7	111	0.00	11.27
66		TOLUENE	0.683	0.596	12.7	104	0.00	12.23
67		1,3-DICHLOROPROPANE	0.573	0.513	10.5	105	0.00	12.26
68		trans-1,3-DICHLOROPROPENE	0.516	0.488	5.4	106	0.00	11.78
69		1,1,2-TRICHLOROETHANE	0.353	0.309	12.5	104	0.00	11.96
70	I	CHLOROBENZENE-D5	1.000	1.000	0.0	112	0.00	14.04
71		2-HEXANONE	0.626	0.738	-17.9	115	0.00	12.49
72		ETHYL METHACRYLATE	0.995	1.009	-1.4	102	0.00	12.50
73		TETRACHLOROETHYLENE	0.921	0.839	8.9	106	0.00	13.38
74		DIBROMOCHLOROMETHANE	1.375	1.358	1.2	106	0.00	12.67
75		1,2-DIBROMOETHANE	1.100	1.093	0.6	108	0.00	12.92
76		OCTANE	1.583	1.702	-7.5	118	0.00	13.21
77		1,1,1,2-TETRACHLOROETHANE	0.984	0.964	2.0	107	0.00	14.07
78		CHLOROBENZENE	1.683	1.657	1.5	108	0.00	14.09
79		ETHYLBENZENE	2.942	2.619	11.0	103	0.00	14.48
80		m,p-XYLENE	1.116	1.030	7.7	106	0.00	14.67
81		o-XYLENE	1.071	1.010	5.7	105	0.00	15.18
82		STYRENE	1.513	1.521	-0.5	104	0.00	15.06
83		NONANE	1.650	1.830	-10.9	118	0.00	15.42
84		BROMOFORM	1.364	1.410	-3.4	106	0.00	14.77
85	S	4-BROMOFLUOROBENZENE	1.167	1.184	-1.5	107	0.00	15.69
86		1,1,2,2-TETRACHLOROETHANE	1.635	1.656	-1.3	109	0.00	15.18
87		1,2,3-TRICHLOROPROPANE	1.279	1.219	4.7	104	0.00	15.32
88		ISOPROPYLBENZENE	3.112	3.011	3.2	104	0.00	15.84
89		BROMOBENZENE	1.478	1.450	1.9	106	0.00	15.95
90		2-CHLOROTOLUENE	0.793	0.780	1.6	105	0.00	16.39
91		n-PROPYLBENZENE	0.827	0.864	-4.5	108	0.00	16.43
92		4-ETHYLTOLUENE	2.958	3.119	-5.4	107	0.00	16.60
93		1,3,5-TRIMETHYLBENZENE	2.518	2.610	-3.7	107	0.00	16.69
94		ALPHA-METHYLSTYRENE	1.213	1.184	2.4	95	0.00	16.87
95		tert-BUTYLBENZENE	0.574	0.632	-10.1	110	0.00	17.16
96		1,2,4-TRIMETHYLBENZENE	2.543	2.835	-11.5	111	0.00	17.16
97		m-DICHLOROBENZENE	1.649	1.840	-11.6	112	0.00	17.34
98		BENZYL CHLORIDE	1.759	2.073	-17.9	109	0.00	17.32
99		p-DICHLOROBENZENE	1.594	1.812	-13.7	113	0.00	17.42
100		sec-BUTYLBENZENE	0.746	0.786	-5.4	107	0.00	17.47

Initial Calibration Verification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V3W3055-ICV3055
Lab FileID: 3W77585.D

101		1,2,3-Trimethylbenzene	2.621	2.910	-11.0	110	0.00	17.66
102		p-ISOPROPYLTOLUENE	0.819	0.930	-13.6	111	0.00	17.66
103		o-DICHLOROBENZENE	1.643	1.779	-8.3	109	0.00	17.82
104		n-BUTYLBENZENE	0.747	0.867	-16.1	112	0.00	18.15
105		HEXACHLOROETHANE	1.184	1.155	2.4	99	0.00	18.59
106		HEXACHLOROBUTADIENE	1.701	1.704	-0.2	100	0.00	20.33
107		1,2,4-TRICHLOROBENZENE	1.220	1.511	-23.9	113	0.00	19.80
108		NAPHTHALENE	2.506	3.418	-36.4#	121	0.00	19.93
109	I	BROMOCHLOROMETHANE (A)	1.000	1.000	0.0	124	0.00	8.08
110		TVHC as equiv Pentane	10.790	11.093	-2.8	130	0.00	6.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3w77573.D M3W3055.M Mon Nov 07 18:30:19 2022

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V3W3087-CC3055
Lab FileID: 3W78381.D

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\
Data File : 3w78381.D
Acq On : 13 Dec 2022 12:01 pm
Operator : thomash
Sample : cc3055-10
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:29:57 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	BROMOCHLOROMETHANE	1.000	1.000	0.0	113	-0.07
2	FREON 115	0.000	0.000	0.0	0#	-4.25#
3	FREON 152A	0.908	0.916	-0.9	120	-0.05
4	CHLORODIFLUOROMETHANE	0.458	0.527	-15.1	130	-0.05
5	CHLOROTRIFLUOROETHENE	2.027	1.954	3.6	113	-0.05
6	DICHLORODIFLUOROMETHANE	4.845	5.104	-5.3	122	-0.05
7	PROPYLENE	1.430	1.251	12.5	105	-0.05
8	1-CHLORO-1,1-DIFLUOROETHANE	3.456	3.622	-4.8	123	-0.05
9	FREON 114	3.925	3.618	7.8	107	-0.05
10	CHLOROMETHANE	0.411	0.336	18.2	93	-0.05
11	VINYL CHLORIDE	1.413	1.259	10.9	104	-0.06
12	1,3-BUTADIENE	1.069	0.840	21.4	93	-0.06
13	n-BUTANE	2.546	1.872	26.5	90	-0.06
14	BROMOMETHANE	1.345	1.175	12.6	111	-0.06
15	CHLOROETHANE	0.611	0.567	7.2	111	-0.06
16	DICHLOROFLUOROMETHANE	3.080	3.088	-0.3	119	-0.06
17	ACETONITRILE	1.510	1.079	28.5	95	-0.07
18	ACROLEIN	0.538	0.507	5.8	98	-0.06
19	FREON 123	3.437	3.235	5.9	110	-0.06
20	FREON 123A	1.911	1.795	6.1	109	-0.07
21	TRICHLOROFLUOROMETHANE	4.182	4.625	-10.6	131	-0.07
22	ISOPROPYL ALCOHOL	3.237	3.049	5.8	112	-0.05
23	ACETONE	0.761	0.641	15.8	110	-0.07
24	PENTANE	1.804	1.668	7.5	110	-0.07
25	IODOMETHANE	4.005	4.263	-6.4	123	-0.07
26	1,1-DICHLOROETHYLENE	1.454	1.499	-3.1	123	-0.07
27	CARBON DISULFIDE	4.327	4.649	-7.4	127	-0.07
28	ETHANOL	0.710	0.560	21.1	103	-0.05
29	BROMOETHENE	1.273	1.149	9.7	104	-0.06
30	ACRYLONITRILE	0.865	0.934	-8.0	117	-0.06
31	METHYLENE CHLORIDE	1.430	1.399	2.2	125	-0.07
32	3-CHLOROPROPENE	0.696	0.754	-8.3	124	-0.07
33	FREON 113	2.619	2.797	-6.8	126	-0.07
34	TRANS-1,2-DICHLOROETHYLENE	1.484	1.595	-7.5	126	-0.07
35	TERTIARY BUTYL ALCOHOL	3.411	3.673	-7.7	125	-0.05
36	METHYL TERTIARY BUTYL ETHER	4.457	4.907	-10.1	131	-0.07
37	TETRAHYDROFURAN	0.701	0.773	-10.3	125	-0.07
38	HEXANE	2.359	2.345	0.6	115	-0.07

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V3W3087-CC3055
Lab FileID: 3W78381.D

39		VINYL ACETATE	0.314	0.352	-12.1	125	-0.07
40		1,1-DICHLOROETHANE	2.815	2.986	-6.1	126	-0.07
41		METHYL ETHYL KETONE	0.705	0.788	-11.8	127	-0.07
42		cis-1,2-DICHLOROETHYLENE	1.535	1.648	-7.4	126	-0.07
43		DIISOPROPYL ETHER	0.722	0.711	1.5	114	-0.07
44		ETHYL ACETATE	0.499	0.508	-1.8	116	-0.07
45		METHYL ACRYLATE	2.823	2.887	-2.3	115	-0.06
46		CHLOROFORM	3.412	3.758	-10.1	131	-0.07
47		2,4-DIMETHYLPENTANE	2.723	2.836	-4.1	121	-0.07
48		1,1,1-TRICHLOROETHANE	3.603	4.034	-12.0	132	-0.07
49		CARBON TETRACHLORIDE	3.855	4.429	-14.9	135	-0.07
50		1,2-DICHLOROETHANE	2.322	2.630	-13.3	133	-0.07
51	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	120	-0.07
52		BENZENE	0.946	0.950	-0.4	125	-0.07
53		CYCLOHEXANE	0.423	0.398	5.9	125	-0.07
54		2,3-DIMETHYLPENTANE	0.209	0.208	0.5	122	-0.07
55		TRICHLOROETHYLENE	0.444	0.441	0.7	121	-0.07
56		1,2-DICHLOROPROPANE	0.377	0.354	6.1	116	-0.07
57		DIBROMOMETHANE	0.402	0.408	-1.5	125	-0.07
58		ETHYL ACRYLATE	0.706	0.717	-1.6	118	-0.07
59		BROMODICHLOROMETHANE	0.767	0.810	-5.6	129	-0.07
60		2,2,4-TRIMETHYLPENTANE	1.522	1.479	2.8	117	-0.07
61		1,4-DIOXANE	0.201	0.215	-7.0	128	-0.07
62		HEPTANE	0.639	0.576	9.9	110	-0.07
63		METHYL METHACRYLATE	0.337	0.362	-7.4	126	-0.07
64		METHYL ISOBUTYL KETONE	0.278	0.286	-2.9	118	-0.07
65		cis-1,3-DICHLOROPROPENE	0.566	0.600	-6.0	125	-0.07
66		TOLUENE	0.683	0.648	5.1	117	-0.07
67		1,3-DICHLOROPROPANE	0.573	0.561	2.1	119	-0.07
68		trans-1,3-DICHLOROPROPENE	0.516	0.573	-11.0	129	-0.07
69		1,1,2-TRICHLOROETHANE	0.353	0.352	0.3	122	-0.07
70	I	CHLOROBENZENE-D5	1.000	1.000	0.0	120	-0.07
71		2-HEXANONE	0.626	0.714	-14.1	119	-0.07
72		ETHYL METHACRYLATE	0.995	1.105	-11.1	120	-0.06
73		TETRACHLOROETHYLENE	0.921	0.889	3.5	121	-0.07
74		DIBROMOCHLOROMETHANE	1.375	1.414	-2.8	118	-0.07
75		1,2-DIBROMOETHANE	1.100	1.125	-2.3	119	-0.07
76		OCTANE	1.583	1.464	7.5	108	-0.07
77		1,1,1,2-TETRACHLOROETHANE	0.984	0.976	0.8	116	-0.07
78		CHLOROBENZENE	1.683	1.588	5.6	111	-0.07
79		ETHYLBENZENE	2.942	2.789	5.2	118	-0.07
80		m,p-XYLENE	1.116	1.025	8.2	113	-0.07
81		o-XYLENE	1.071	0.984	8.1	110	-0.07
82		STYRENE	1.513	1.585	-4.8	116	-0.07
83		NONANE	1.650	1.544	6.4	106	-0.06
84		BROMOFORM	1.364	1.477	-8.3	119	-0.07
85	S	4-BROMOFLUOROBENZENE	1.167	1.180	-1.1	115	-0.07
86		1,1,2,2-TETRACHLOROETHANE	1.635	1.580	3.4	111	-0.07
87		1,2,3-TRICHLOROPROPANE	1.279	1.279	0.0	117	-0.07
88		ISOPROPYLBENZENE	3.112	3.067	1.4	113	-0.07
89		BROMOBENZENE	1.478	1.525	-3.2	119	-0.07
90		2-CHLOROTOLUENE	0.793	0.773	2.5	111	-0.07
91		n-PROPYLBENZENE	0.827	0.838	-1.3	112	-0.06
92		4-ETHYLTOLUENE	2.958	3.081	-4.2	114	-0.06
93		1,3,5-TRIMETHYLBENZENE	2.518	2.628	-4.4	116	-0.06
94		ALPHA-METHYLSTYRENE	1.213	1.308	-7.8	112	-0.06
95		tert-BUTYLBENZENE	0.574	0.550	4.2	103	-0.06
96		1,2,4-TRIMETHYLBENZENE	2.543	2.654	-4.4	111	-0.06

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V3W3087-CC3055
Lab FileID: 3W78381.D

97		m-DICHLOROBENZENE	1.649	1.700	-3.1	110	-0.06
98		BENZYL CHLORIDE	1.759	2.313	-31.5#	131	-0.06
99		p-DICHLOROBENZENE	1.594	1.673	-5.0	112	-0.06
100		sec-BUTYLBENZENE	0.746	0.727	2.5	106	-0.06
101		1,2,3-Trimethylbenzene	2.621	2.726	-4.0	110	-0.05
102		p-ISOPROPYLTOLUENE	0.819	0.727	11.2	93	-0.25
103		o-DICHLOROBENZENE	1.643	1.679	-2.2	110	-0.05
104		n-BUTYLBENZENE	0.747	0.795	-6.4	110	-0.05
105		HEXACHLOROETHANE	1.184	1.214	-2.5	112	-0.05
106		HEXACHLOROBUTADIENE	1.701	2.226	-30.9#	140	-0.05
107		1,2,4-TRICHLOROBENZENE	1.220	1.572	-28.9	125	-0.06
108		NAPHTHALENE	2.506	3.258	-30.0#	124	-0.05
109	I	BROMOCHLOROMETHANE (A)	1.000	1.000	0.0	113	-0.07
110		TVHC as equiv Pentane	10.790	10.668	1.1	114	-0.07

(#) = Out of Range SPCC's out = 0 CCC's out = 0

M3W3055.M Wed Dec 14 13:42:41 2022

Initial Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1125-ICC1125
Lab FileID: 6W26454.D

Response Factor Report GCMS6W

Method : C:\msdchem\1\methods\M6W1125.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
Last Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Calibration Files
0.5 =6W26451.D 0.2 =6W26450.D 40 =6W26456.D 0.04=6W26448.D
5 =6W26453.D 10 =6W26454.D 20 =6W26455.D 0.1 =6W26449.D
50 =6W26457.D =

Compound	0.5	0.2	40	0.04	5	10	20	0.1	50	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------										
2) FREON 115										0.000	-1.00
3) FREON 152A	0.934	0.912	0.873		0.829	0.811	0.827		0.832	0.860	5.52
4) CHLORODIFLUOROMETHANE	0.420	0.395	0.400		0.382	0.370	0.376		0.385	0.390	4.35
5) CHLOROTRIFLUOROETHENE	1.960	1.906	1.955		1.804	1.758	1.822	1.971	1.883	1.882	4.26
6) DICHLORODIFLUOROMETHANE	3.357	3.217	3.294	2.916	3.054	3.026	3.039	3.162	3.076	3.127	4.54
7) PROPYLENE	1.494	1.325	1.331		1.220	1.220	1.251	1.153	1.255	1.281	8.08
8) 1-CHLORO-1,1-DIFLUOROETHANE	2.949	2.871	3.044	2.840	2.746	2.692	2.822	2.804	3.010	2.864	4.10
9) FREON 114	3.364	3.288	3.533	3.395	3.023	3.026	3.171	3.313	3.492	3.289	5.61
10) CHLOROMETHANE	0.492	0.442	0.457	0.570	0.419	0.412	0.419	0.409	0.446	0.452	11.43
11) VINYL CHLORIDE	1.472	1.419	1.397	1.357	1.278	1.264	1.325	1.460	1.357	1.370	5.40
12) 1,3-BUTADIENE	1.177	1.139	1.183		1.064	1.040	1.097	1.090	1.171	1.120	4.91
13) N-BUTANE	2.520	2.468	2.396	3.758	2.228	2.149	2.225	2.657	2.326	2.525	19.38
14) BROMOMETHANE	1.098	1.082	1.127		1.025	0.985	1.028	1.033	1.098	1.059	4.59
15) CHLOROETHANE	0.694	0.708	0.693		0.640	0.623	0.647	0.564	0.679	0.656	7.24
16) DICHLOROFLUOROMETHANE	2.888	2.866	2.977	2.810	2.661	2.583	2.713	2.624	2.936	2.784	5.16
17) ACETONITRILE	1.581	1.552	1.473		1.363	1.306	1.365	1.706	1.419	1.471	9.14
18) ACROLEIN	0.519	0.487	0.699		0.628	0.616	0.634		0.677	0.608	12.87
19) FREON 123	2.752	2.686	2.847	2.562	2.453	2.413	2.571	2.663	2.818	2.640	5.79
20) FREON 123A	1.694	1.554	1.729		1.499	1.481	1.555	1.517	1.711	1.592	6.40
21) TRICHLOROFLUOROMETHANE	3.377	3.173	3.409	3.475	3.401	2.960	3.114	3.086	3.350	3.261	5.52
22) ISOPROPYL ALCOHOL	3.252	3.259	3.371	4.111	2.939	2.825	2.976	3.579	3.295	3.290	11.80
23) ACETONE											

Initial Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1125-ICC1125
Lab FileID: 6W26454.D

		0.935	0.918	0.730		0.596	0.629	0.662		0.713	0.740	18.27
24)	PENTANE											
		1.873	1.831	1.826		1.761	1.536	1.580	1.978	1.652	1.755	8.72
25)	IODOMETHANE											
		3.299	3.098	3.499	2.835	3.391	2.905	2.919	3.162	3.183	3.143	7.27
26)	1,1-DICHLOROETHYLENE											
		1.304	1.243	1.305		1.288	1.197	1.101	1.266	1.212	1.239	5.57
27)	CARBON DISULFIDE											
		4.087	4.029	4.165	3.889	3.954	3.777	3.604	3.841	3.999	3.927	4.36
28)	ETHANOL											
		1.005	0.967	0.721		0.635	0.625	0.661		0.702	0.759	20.89
29)	BROMOETHENE											
		1.176	1.110	1.184		1.028	1.032	1.078	1.119	1.157	1.110	5.48
30)	ACRYLONITRILE											
		1.248	1.048	1.187		1.159	1.002	1.033	1.106	1.092	1.109	7.57
31)	METHYLENE CHLORIDE											
		1.451	1.623	1.198		1.207	1.142	1.010		1.073	1.243	17.49
32)	3-CHLOROPROPENE											
		0.650	0.568	0.653		0.621	0.601	0.550		0.594	0.605	6.47
33)	FREON 113											
		2.299	2.280	2.327		2.279	2.177	1.995	2.023	2.208	2.199	5.77
34)	TRANS-1,2-DICHLOROETHENE											
		1.419	1.382	1.414		1.399	1.343	1.303	1.421	1.392	1.384	3.00
35)	TERTIARY BUTYL ALCOHOL											
		2.800	2.456	3.153		2.386	2.441	2.573	2.734	2.980	2.690	10.29
36)	METHYL TERTIARY BUTYL ETHER											
		3.528	3.479	3.735		3.283	3.303	3.463	3.025	3.743	3.445	6.97
37)	TETRAHYDROFURAN											
		0.654	0.569	0.703		0.627	0.605	0.649		0.674	0.640	6.94
38)	HEXANE											
		2.904	2.704	2.773		2.634	2.550	2.634	2.538	2.740	2.685	4.55
39)	VINYL ACETATE											
		0.250	0.366	0.376		0.297	0.314	0.344		0.375	0.332	14.23
40)	1,1-DICHLOROETHANE											
		2.791	2.661	2.731	2.633	2.658	2.540	2.555	2.497	2.685	2.639	3.58
41)	METHYL ETHYL KETONE											
		0.654	0.686	0.716		0.639	0.644	0.671		0.698	0.673	4.31
42)	CIS-1,2-DICHLOROETHENE											
		1.525	1.498	1.438		1.422	1.381	1.418	1.513	1.427	1.453	3.59
43)	DIISOPROPYL ETHER											
		0.781	0.716	0.819		0.761	0.742	0.774		0.808	0.772	4.64
44)	ETHYL ACETATE											
		0.551	0.511	0.560		0.506	0.503	0.528		0.553	0.530	4.55
45)	METHYL ACRYLATE											
		3.661	3.389	3.601	2.522	3.205	3.202	3.381	3.376	3.540	3.320	10.21
46)	CHLOROFORM											
		3.136	3.071	3.022	2.830	2.955	2.872	2.964	3.000	2.984	2.982	3.14
47)	2,4-DIMETHYLPENTANE											
		3.177	2.936	3.321	2.840	3.027	2.972	3.090	2.843	3.101	3.034	5.18
48)	1,1,1-TRICHLOROETHANE											
		2.950	2.871	3.129		2.796	2.778	2.899	2.980	3.034	2.930	4.05
49)	CARBON TETRACHLORIDE											
		3.118	3.178	3.488	2.764	3.116	3.100	3.212	2.912	3.384	3.141	6.97
50)	1,2-DICHLOROETHANE											
		2.370	2.316	2.358		2.216	2.154	2.204	2.258	2.276	2.269	3.36
51)	BENZENE											
		4.357	4.672	4.576	4.974	4.218	4.103	4.247	4.516	4.462	4.458	5.97
52)	I 1,4-DIFLUOROBENZENE	----------				ISTD						
53)	CYCLOHEXANE											

		0.383	0.356	0.372	0.357	0.359	0.368	0.349	0.374	0.365	3.08
54)	2,3-DIMETHYLPENTANE										
		0.206	0.206	0.198	0.194	0.192	0.194		0.200	0.199	2.90
55)	TRICHLOROETHENE										
		0.431	0.403	0.395	0.338	0.399	0.386	0.391	0.389	0.400	0.393	6.22
56)	1,2-DICHLOROPROPANE										
		0.390	0.353	0.359	0.361	0.353	0.357	0.346	0.364	0.361	3.68
57)	DIBROMOMETHANE										
		0.362	0.380	0.363	0.357	0.353	0.358	0.419	0.368	0.370	5.82
58)	ETHYL ACRYLATE										
		0.773	0.701	0.839	0.751	0.764	0.803	0.634	0.855	0.765	9.47
59)	BROMODICHLOROMETHANE										
		0.709	0.646	0.660	0.624	0.656	0.646	0.650	0.695	0.666	0.661	3.93
60)	2,2,4-TRIMETHYLPENTANE										
		1.778	1.654	1.684	1.494	1.682	1.645	1.671	1.576	1.705	1.654	4.86
61)	1,4-DIOXANE										
		0.172	0.140	0.186	0.165	0.171	0.181		0.193	0.173	10.04
62)	HEPTANE										
		0.692	0.634	0.666	0.702	0.668	0.647	0.660	0.655	0.675	0.667	3.17
63)	METHYL METHACRYLATE										
		0.319	0.293	0.342	0.311	0.317	0.329	0.297	0.349	0.319	6.23
64)	METHYL ISOBUTYL KETONE										
		0.240	0.206	0.312	0.282	0.287	0.305	0.211	0.319	0.270	16.72
65)	CIS-1,3-DICHLOROPROPENE										
		0.500	0.435	0.513	0.461	0.473	0.493	0.423	0.522	0.478	7.51
66)	TOLUENE										
		1.113	1.089	1.064	1.388	1.012	1.014	1.038	1.153	1.083	1.106	10.42
67)	1,3-DICHLOROPROPANE										
		0.554	0.517	0.543	0.531	0.517	0.534	0.520	0.551	0.533	2.78
68)	TRANS-1,3-DICHLOROPROPENE										
		0.413	0.353	0.474	0.400	0.419	0.453	0.369	0.487	0.421	11.38
69)	1,1,2-TRICHLOROETHANE										
		0.358	0.315	0.315	0.315	0.307	0.312	0.286	0.320	0.316	6.35
70)	2-HEXANONE										
		0.229	0.186	0.394	0.287	0.325	0.373		0.410	0.315	27.07
71)	ETHYL METHACRYLATE										
		0.422	0.365	0.547	0.481	0.498	0.529	0.365	0.562	0.471	16.70
72)	TETRACHLOROETHENE										
		0.428	0.387	0.405	0.245	0.393	0.389	0.396	0.384	0.413	0.382	13.91
73)	DIBROMOCHLOROMETHANE										
		0.725	0.661	0.725	0.547	0.688	0.683	0.702	0.673	0.736	0.682	8.31
74)	1,2-DIBROMOETHANE										
		0.607	0.561	0.593	0.566	0.561	0.580	0.555	0.604	0.579	3.57
75)	OCTANE										
		0.889	0.757	0.930	0.926	0.884	0.884	0.919	0.808	0.939	0.882	6.94
76)	I CHLOROBENZENE-D5	----------	ISTD	----------							
77)	1,1,1,2-TETRACHLOROETHANE										
		0.505	0.564	0.548	0.535	0.537	0.543	0.501	0.560	0.537	4.30
78)	CHLOROBENZENE										
		0.979	1.000	0.986	0.843	0.977	0.970	0.986	0.946	1.009	0.966	5.12
79)	ETHYLBENZENE										
		1.466	1.655	1.598	2.607	1.528	1.551	1.591	1.867	1.633	1.722	20.34
80)	M,P-XYLENE										
		1.113	1.192	1.228	1.772	1.195	1.200	1.228	1.384	1.259	1.286	15.25
81)	O-XYLENE										
		1.095	1.190	1.240	1.803	1.205	1.212	1.240	1.332	1.265	1.287	15.82
82)	STYRENE										
		0.747	0.732	0.967	0.789	0.888	0.925	0.959	0.750	0.986	0.860	12.22
83)	NONANE										

Initial Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1125-ICC1125
Lab FileID: 6W26454.D

```
          1.108 1.087 1.087 1.126 1.099 1.087 1.098 1.176 1.097   1.107    2.58
 84)  BROMOFORM
          0.664 0.670 0.736       0.693 0.702 0.728 0.660 0.759   0.702    5.22
 85)  1,1,2,2-TETRACHLOROETHANE
          0.972 0.932 0.925 0.767 0.922 0.918 0.925 0.922 0.943   0.914    6.30
 86)  1,2,3-TRICHLOROPROPANE
          0.748 0.671 0.724       0.720 0.711 0.726 0.682 0.739   0.715    3.70
 87)  4-BROMOFLUOROBENZENE
          0.684 0.686 0.710 0.685 0.698 0.708 0.716 0.684 0.714   0.698    1.98
 88)  ISOPROPYLBENZENE
          1.676 1.769 1.849 1.689 1.772 1.799 1.846 1.688 1.880   1.774    4.31
 89)  BROMOBENZENE
          0.845 0.846 0.893 0.734 0.867 0.868 0.894 0.848 0.909   0.856    5.98
 90)  2-CHLOROTOLUENE
          1.063 1.028 1.288 0.968 1.223 1.232 1.276 1.041 1.306   1.158   11.35
 91)  N-PROPYLBENZENE
          1.745 1.692 2.210 1.647 2.092 2.123 2.191 1.632 2.259   1.955   13.69
 92)  4-ETHYLTOLUENE
          1.372 1.250 1.891 1.134 1.764 1.803 1.863 1.236 1.920   1.581   20.56
 93)  1,3,5-TRIMETHYLBENZENE
          1.183 1.097 1.573 1.068 1.456 1.468 1.538 1.039 1.612   1.337   17.65
 94)  ALPHA-METHYLSTYRENE
          0.546 0.529 0.791       0.720 0.733 0.773 0.463 0.806   0.670   20.20
 95)  TERT-BUTYLBENZENE
          1.326 1.218 1.766 1.190 1.642 1.657 1.729 1.180 1.798   1.501   17.69
 96)  1,2,4-TRIMETHYLBENZENE
          1.221 1.118 1.643 1.023 1.538 1.539 1.601 1.074 1.675   1.381   19.32
 97)  BENZYL CHLORIDE
          0.662 0.534 1.156       0.764 0.860 1.027 0.454 1.240   0.837   34.25
 98)  M-DICHLOROBENZENE
          0.951 0.913 1.079 0.694 1.003 1.013 1.058 0.828 1.107   0.961   13.77
 99)  P-DICHLOROBENZENE
          0.940 0.876 1.096 0.737 0.997 1.010 1.058 0.781 1.137   0.959   14.39
100)  O-DICHLOROBENZENE
          0.943 0.886 1.057 0.733 0.976 0.971 1.025 0.763 1.103   0.940   13.41
101)  SEC-BUTYLBENZENE
          1.899 1.766 2.378 1.415 2.244 2.262 2.355 1.644 2.450   2.046   18.24
102)  1,2,3-TRIMETHYLBENZENE
          1.255 1.124 1.596 0.979 1.476 1.499 1.567 1.046 1.635   1.353   18.78
103)  P-ISOPROPYLTOLUENE
          1.632 1.456 2.104 1.114 1.929 1.967 2.048 1.364 2.171   1.754   21.37
104)  N-BUTYLBENZENE
          1.339 1.192 1.986 0.884 1.770 1.804 1.924 1.073 2.056   1.559   28.16
105)  HEXACHLOROETHANE
          0.578 0.566 0.715 0.612 0.611 0.625 0.680 0.605 0.741   0.637    9.59
106)  HEXACHLOROBUTADIENE
          0.626 0.623 0.832       0.650 0.681 0.742 0.502 0.914   0.696   18.67
107)  1,2,4-TRICHLOROBENZENE
          0.561 0.435 1.013       0.691 0.790 0.903       1.070   0.781   29.98
108)  NAPHTHALENE
          1.190 0.816 2.659       1.672 1.979 2.331       2.829   1.925   38.86
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          M6W1125.M         Thu Oct 20 09:52:34 2022
```

Initial Calibration Verification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1125-ICV1125
Lab FileID: 6W26462.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\6W26462.D Vial: 5
Acq On : 20 Oct 2022 9:08 am Operator: thomash
Sample : icv1125-10 Inst : GCMS6W
Misc : MS63121,V6W1125,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M6W1125.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
Last Update : Thu Oct 20 08:34:08 2022
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	94	0.00	3.34
2	T	FREON 115		----------NA----------				
3	T	FREON 152A	0.860	0.892	-3.7	104	0.00	1.69
4	T	CHLORODIFLUOROMETHANE	0.390	0.396	-1.5	101	0.00	1.71
5	T	CHLOROTRIFLUOROETHENE	1.882	1.926	-2.3	103	0.00	1.72
6	T	DICHLORODIFLUOROMETHANE	3.127	3.309	-5.8	103	0.00	1.73
7	T	PROPYLENE	1.281	1.312	-2.4	102	0.00	1.71
8	T	1-CHLORO-1,1-DIFLUOROETHA	2.864	2.939	-2.6	103	0.00	1.77
9	T	FREON 114	3.289	3.334	-1.4	104	0.00	1.80
10	T	CHLOROMETHANE	0.452	0.457	-1.1	105	0.00	1.77
11	T	VINYL CHLORIDE	1.370	1.380	-0.7	103	0.00	1.83
12	t	1,3-BUTADIENE	1.120	1.166	-4.1	106	0.00	1.87
13	T	N-BUTANE	2.525	2.357	6.7	104	0.00	1.88
14	T	BROMOMETHANE	1.059	1.098	-3.7	105	0.00	1.93
15	T	CHLOROETHANE	0.656	0.691	-5.3	105	0.00	1.98
16	T	DICHLOROFLUOROMETHANE	2.784	2.839	-2.0	104	0.00	2.00
17	T	ACETONITRILE	1.471	1.418	3.6	103	0.00	2.06
18	T	ACROLEIN	0.608	0.618	-1.6	95	0.00	2.10
19	T	FREON 123	2.640	2.774	-5.1	109	0.00	2.11
20	T	FREON 123A	1.592	1.816	-14.1	116	0.00	2.13
21	T	TRICHLOROFLUOROMETHANE	3.261	3.314	-1.6	106	0.00	2.19
22	T	ISOPROPYL ALCOHOL	3.290	3.087	6.2	103	0.00	2.21
23	T	ACETONE	0.740	0.737	0.4	111	0.00	2.14
24	T	PENTANE	1.755	1.688	3.8	104	0.00	2.30
25	T	IODOMETHANE	3.143	3.058	2.7	99	0.00	2.35
26	T	1,1-DICHLOROETHYLENE	1.239	1.162	6.2	92	0.00	2.38
27	T	CARBON DISULFIDE	3.927	3.333	15.1	83	0.00	2.52
28	T	ETHANOL	0.759	0.817	-7.6	123	0.00	2.01
29	T	BROMOETHENE	1.110	1.144	-3.1	105	0.00	2.07
30	T	ACRYLONITRILE	1.109	1.095	1.3	103	0.00	2.27
31	T	METHYLENE CHLORIDE	1.243	1.030	17.1	85	0.00	2.42
32	T	3-CHLOROPROPENE	0.605	0.559	7.6	88	0.00	2.46
33	T	FREON 113	2.199	1.934	12.1	84	0.00	2.52
34	T	TRANS-1,2-DICHLOROETHENE	1.384	1.318	4.8	93	0.00	2.77
35	T	TERTIARY BUTYL ALCOHOL	2.690	2.435	9.5	94	0.00	2.40
36	t	METHYL TERTIARY BUTYL ETH	3.445	3.498	-1.5	100	0.00	2.89
37	T	TETRAHYDROFURAN	0.640	0.635	0.8	99	0.00	3.65
38	T	HEXANE	2.685	2.704	-0.7	100	0.00	3.39
39	T	VINYL ACETATE	0.332	0.332	0.0	100	0.00	2.93
40	T	1,1-DICHLOROETHANE	2.639	2.663	-0.9	99	0.00	2.85
41	T	METHYL ETHYL KETONE	0.673	0.670	0.4	98	0.00	3.04
42	T	CIS-1,2-DICHLOROETHENE	1.453	1.379	5.1	94	0.00	3.25

Initial Calibration Verification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1125-ICV1125
Lab FileID: 6W26462.D

43	T	DIISOPROPYL ETHER	0.772	0.762	1.3	97	0.00	3.40
44	T	ETHYL ACETATE	0.530	0.536	-1.1	101	0.00	3.40
45	T	METHYL ACRYLATE	3.320	3.384	-1.9	100	0.00	3.39
46	T	CHLOROFORM	2.982	2.822	5.4	93	0.00	3.42
47	T	2,4-DIMETHYLPENTANE	3.034	3.133	-3.3	100	0.00	3.95
48	T	1,1,1-TRICHLOROETHANE	2.930	2.812	4.0	96	0.00	4.04
49	T	CARBON TETRACHLORIDE	3.141	3.003	4.4	91	0.00	4.50
50	T	1,2-DICHLOROETHANE	2.269	2.259	0.4	99	0.00	3.87
51	t	BENZENE	4.458	4.101	8.0	94	0.00	4.38
52	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	94	0.00	4.73
53	T	CYCLOHEXANE	0.365	0.359	1.6	94	0.00	4.60
54	T	2,3-DIMETHYLPENTANE	0.199	0.194	2.5	95	-0.01	4.87
55	T	TRICHLOROETHENE	0.393	0.371	5.6	90	0.00	5.34
56	T	1,2-DICHLOROPROPANE	0.361	0.356	1.4	95	0.00	5.10
57	T	DIBROMOMETHANE	0.370	0.332	10.3	89	0.00	5.05
58	T	ETHYL ACRYLATE	0.765	0.817	-6.8	101	0.00	5.23
59	T	BROMODICHLOROMETHANE	0.661	0.635	3.9	93	0.00	5.29
60	T	2,2,4-TRIMETHYLPENTANE	1.654	1.719	-3.9	99	0.00	5.44
61	T	1,4-DIOXANE	0.173	0.184	-6.4	101	0.00	5.37
62	T	HEPTANE	0.667	0.686	-2.8	100	-0.01	5.78
63	T	METHYL METHACRYLATE	0.319	0.314	1.6	94	0.00	5.68
64	T	METHYL ISOBUTYL KETONE	0.270	0.307	-13.7	101	0.02	6.47
65	T	CIS-1,3-DICHLOROPROPENE	0.478	0.519	-8.6	104	0.00	6.34
66	T	TOLUENE	1.106	1.062	4.0	99	0.00	7.61
67	T	1,3-DICHLOROPROPANE	0.533	0.542	-1.7	99	0.00	7.68
68	T	TRANS-1,3-DICHLOROPROPENE	0.421	0.441	-4.8	99	0.00	7.06
69	T	1,1,2-TRICHLOROETHANE	0.316	0.316	0.0	97	0.00	7.23
70	T	2-HEXANONE	0.315	0.391	-24.1	113	0.02	8.22
71	T	ETHYL METHACRYLATE	0.471	0.518	-10.0	98	0.00	8.35
72	T	TETRACHLOROETHENE	0.382	0.404	-5.8	98	0.00	9.41
73	T	DIBROMOCHLOROMETHANE	0.682	0.699	-2.5	96	0.00	8.18
74	T	1,2-DIBROMOETHANE	0.579	0.584	-0.9	98	0.00	8.53
75	T	OCTANE	0.882	0.941	-6.7	100	0.00	9.55
76	I	CHLOROBENZENE-D5	1.000	1.000	0.0	104	0.00	10.58
77	T	1,1,1,2-TETRACHLOROETHANE	0.537	0.496	7.6	96	0.00	10.68
78	T	CHLOROBENZENE	0.966	0.923	4.5	99	0.00	10.66
79	t	ETHYLBENZENE	1.722	1.446	16.0	97	0.00	11.56
80	t	M,P-XYLENE	1.286	1.118	13.1	97	0.00	12.00
81	t	O-XYLENE	1.287	1.139	11.5	97	0.00	12.96
82	T	STYRENE	0.860	0.815	5.2	91	0.00	12.74
83	T	NONANE	1.107	1.028	7.1	98	0.00	14.08
84	T	BROMOFORM	0.702	0.656	6.6	97	0.00	11.82
85	T	1,1,2,2-TETRACHLOROETHANE	0.914	0.857	6.2	97	0.00	12.98
86	T	1,2,3-TRICHLOROPROPANE	0.715	0.651	9.0	95	0.00	13.26
87	S	4-BROMOFLUOROBENZENE	0.698	0.707	-1.3	104	0.00	14.02
88	T	ISOPROPYLBENZENE	1.774	1.636	7.8	94	0.00	14.50
89	T	BROMOBENZENE	0.856	0.796	7.0	95	0.00	14.37
90	T	2-CHLOROTOLUENE	1.158	1.097	5.3	92	0.00	15.52
91	T	N-PROPYLBENZENE	1.955	1.917	1.9	94	0.00	15.86
92	T	4-ETHYLTOLUENE	1.581	1.624	-2.7	93	0.00	16.20
93	T	1,3,5-TRIMETHYLBENZENE	1.337	1.317	1.5	93	0.00	16.35
94	T	ALPHA-METHYLSTYRENE	0.670	0.574	14.3	81	0.00	16.54
95	T	TERT-BUTYLBENZENE	1.501	1.461	2.7	91	0.00	16.80
96	T	1,2,4-TRIMETHYLBENZENE	1.381	1.345	2.6	91	0.00	16.80
97	T	BENZYL CHLORIDE	0.837	0.777	7.2	94	0.00	16.89
98	T	M-DICHLOROBENZENE	0.961	0.891	7.3	91	0.00	16.86
99	T	P-DICHLOROBENZENE	0.959	0.899	6.3	92	0.00	16.95
100	T	O-DICHLOROBENZENE	0.940	0.850	9.6	91	0.00	17.23

Initial Calibration Verification

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1125-ICV1125
Lab FileID: 6W26462.D

101	T	SEC-BUTYLBENZENE	2.046	1.980	3.2	91	0.00	17.07
102	T	1,2,3-TRIMETHYLBENZENE	1.353	1.283	5.2	89	0.00	17.18
103	T	P-ISOPROPYLTOLUENE	1.754	1.646	6.2	87	0.00	17.25
104	T	N-BUTYLBENZENE	1.559	1.552	0.4	89	0.00	17.59
105	T	HEXACHLOROETHANE	0.637	0.494	22.4	82	0.00	17.77
106	T	HEXACHLOROBUTADIENE	0.696	0.507	27.2	77	0.02	18.80
107	T	1,2,4-TRICHLOROBENZENE	0.781	0.630	19.3	83	0.02	18.50
108	T	NAPHTHALENE	1.925	1.665	13.5	87	0.02	18.55

(#) = Out of Range SPCC's out = 0 CCC's out = 0
6W26454.D M6W1125.M Thu Oct 20 09:53:29 2022

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1137-CC1125
Lab FileID: 6W26823.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\6W26823.D Vial: 2
Acq On : 3 Nov 2022 9:36 am Operator: thomash
Sample : cc1125-10 Inst : GCMS6W
Misc : MS63437,V6W1137,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M6W1125.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
Last Update : Thu Oct 20 08:34:08 2022
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	90	0.00	3.34
2	T	FREON 115	0.000	0.369	0.0	0#	0.00	1.67
3	T	FREON 152A	0.860	0.705	18.0	78	0.00	1.69
4	T	CHLORODIFLUOROMETHANE	0.390	0.310	20.5	76	0.00	1.71
5	T	CHLOROTRIFLUOROETHENE	1.882	1.608	14.6	83	0.00	1.72
6	T	DICHLORODIFLUOROMETHANE	3.127	3.719	-18.9	111	0.00	1.73
7	T	PROPYLENE	1.281	1.001	21.9	74	0.00	1.72
8	T	1-CHLORO-1,1-DIFLUOROETHA	2.864	2.732	4.6	92	0.00	1.77
9	T	FREON 114	3.289	3.314	-0.8	99	0.00	1.80
10	T	CHLOROMETHANE	0.452	0.441	2.4	97	0.00	1.78
11	T	VINYL CHLORIDE	1.370	1.416	-3.4	101	0.00	1.83
12	t	1,3-BUTADIENE	1.120	1.181	-5.4	103	0.00	1.87
13	T	N-BUTANE	2.525	2.379	5.8	100	0.00	1.88
14	T	BROMOMETHANE	1.059	1.175	-11.0	108	0.00	1.94
15	T	CHLOROETHANE	0.656	0.727	-10.8	105	0.00	1.98
16	T	DICHLOROFLUOROMETHANE	2.784	2.935	-5.4	103	0.00	2.00
17	T	ACETONITRILE	1.471	1.516	-3.1	105	0.00	2.07
18	T	ACROLEIN	0.608	0.713	-17.3	105	0.00	2.10
19	T	FREON 123	2.640	2.858	-8.3	107	0.00	2.12
20	T	FREON 123A	1.592	1.668	-4.8	102	0.00	2.13
21	T	TRICHLOROFLUOROMETHANE	3.261	3.239	0.7	99	0.00	2.19
22	T	ISOPROPYL ALCOHOL	3.290	3.067	6.8	98	0.00	2.21
23	T	ACETONE	0.740	0.772	-4.3	111	0.00	2.14
24	T	PENTANE	1.755	1.725	1.7	101	0.00	2.30
25	T	IODOMETHANE	3.143	3.338	-6.2	104	0.00	2.36
26	T	1,1-DICHLOROETHYLENE	1.239	1.232	0.6	93	0.00	2.39
27	T	CARBON DISULFIDE	3.927	3.887	1.0	93	0.00	2.52
28	T	ETHANOL	0.759	0.746	1.7	108	0.00	2.01
29	T	BROMOETHENE	1.110	1.207	-8.7	106	0.00	2.07
30	T	ACRYLONITRILE	1.109	1.176	-6.0	106	0.00	2.27
31	T	METHYLENE CHLORIDE	1.243	1.166	6.2	92	0.00	2.42
32	T	3-CHLOROPROPENE	0.605	0.611	-1.0	92	0.00	2.46
33	T	FREON 113	2.199	2.084	5.2	86	0.00	2.52
34	T	TRANS-1,2-DICHLOROETHENE	1.384	1.368	1.2	92	0.00	2.77
35	T	TERTIARY BUTYL ALCOHOL	2.690	2.329	13.4	86	0.00	2.40
36	t	METHYL TERTIARY BUTYL ETH	3.445	2.742	20.4	75	0.00	2.89
37	T	TETRAHYDROFURAN	0.640	0.673	-5.2	100	0.00	3.66
38	T	HEXANE	2.685	2.591	3.5	92	0.00	3.39
39	T	VINYL ACETATE	0.332	0.336	-1.2	97	0.00	2.93
40	T	1,1-DICHLOROETHANE	2.639	2.549	3.4	91	0.00	2.86
41	T	METHYL ETHYL KETONE	0.673	0.691	-2.7	97	0.00	3.04
42	T	CIS-1,2-DICHLOROETHENE	1.453	1.411	2.9	92	0.00	3.26

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1137-CC1125
Lab FileID: 6W26823.D

43	T	DIISOPROPYL ETHER	0.772	0.700	9.3	85	0.00	3.40
44	T	ETHYL ACETATE	0.530	0.546	-3.0	98	0.00	3.41
45	T	METHYL ACRYLATE	3.320	3.394	-2.2	96	0.00	3.39
46	T	CHLOROFORM	2.982	2.798	6.2	88	0.00	3.42
47	T	2,4-DIMETHYLPENTANE	3.034	3.018	0.5	92	0.00	3.96
48	T	1,1,1-TRICHLOROETHANE	2.930	2.540	13.3	83	0.00	4.05
49	T	CARBON TETRACHLORIDE	3.141	2.791	11.1	81	0.00	4.50
50	T	1,2-DICHLOROETHANE	2.269	2.060	9.2	86	0.00	3.87
51	t	BENZENE	4.458	4.169	6.5	92	0.00	4.38
52	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	91	0.00	4.73
53	T	CYCLOHEXANE	0.365	0.357	2.2	90	0.00	4.60
54	T	2,3-DIMETHYLPENTANE	0.199	0.195	2.0	92	0.00	4.87
55	T	TRICHLOROETHENE	0.393	0.349	11.2	82	0.00	5.35
56	T	1,2-DICHLOROPROPANE	0.361	0.357	1.1	92	0.00	5.10
57	T	DIBROMOMETHANE	0.370	0.326	11.9	84	0.00	5.06
58	T	ETHYL ACRYLATE	0.765	0.835	-9.2	99	0.01	5.24
59	T	BROMODICHLOROMETHANE	0.661	0.586	11.3	82	0.00	5.30
60	T	2,2,4-TRIMETHYLPENTANE	1.654	1.434	13.3	79	0.00	5.44
61	T	1,4-DIOXANE	0.173	0.189	-9.2	100	0.02	5.38
62	T	HEPTANE	0.667	0.554	16.9	78	0.00	5.78
63	T	METHYL METHACRYLATE	0.319	0.303	5.0	87	0.01	5.69
64	T	METHYL ISOBUTYL KETONE	0.270	0.288	-6.7	91	0.03	6.48
65	T	CIS-1,3-DICHLOROPROPENE	0.478	0.415	13.2	80	0.00	6.35
66	T	TOLUENE	1.106	0.921	16.7	83	0.00	7.62
67	T	1,3-DICHLOROPROPANE	0.533	0.478	10.3	84	0.00	7.68
68	T	TRANS-1,3-DICHLOROPROPENE	0.421	0.369	12.4	80	0.00	7.07
69	T	1,1,2-TRICHLOROETHANE	0.316	0.283	10.4	84	0.00	7.24
70	T	2-HEXANONE	0.315	0.386	-22.5	108	0.02	8.23
71	T	ETHYL METHACRYLATE	0.471	0.497	-5.5	91	0.02	8.36
72	T	TETRACHLOROETHENE	0.382	0.352	7.9	82	0.00	9.41
73	T	DIBROMOCHLOROMETHANE	0.682	0.594	12.9	79	0.00	8.19
74	T	1,2-DIBROMOETHANE	0.579	0.524	9.5	85	0.00	8.54
75	T	OCTANE	0.882	0.757	14.2	78	0.00	9.56
76	I	CHLOROBENZENE-D5	1.000	1.000	0.0	86	0.00	10.59
77	T	1,1,1,2-TETRACHLOROETHANE	0.537	0.491	8.6	79	0.00	10.68
78	T	CHLOROBENZENE	0.966	0.933	3.4	83	0.00	10.67
79	t	ETHYLBENZENE	1.722	1.499	13.0	83	0.00	11.57
80	t	M,P-XYLENE	1.286	1.166	9.3	84	0.00	12.01
81	t	O-XYLENE	1.287	1.185	7.9	84	0.00	12.96
82	T	STYRENE	0.860	0.902	-4.9	84	0.00	12.75
83	T	NONANE	1.107	0.987	10.8	78	0.00	14.09
84	T	BROMOFORM	0.702	0.661	5.8	81	0.00	11.83
85	T	1,1,2,2-TETRACHLOROETHANE	0.914	0.919	-0.5	86	0.00	12.99
86	T	1,2,3-TRICHLOROPROPANE	0.715	0.696	2.7	84	0.00	13.27
87	S	4-BROMOFLUOROBENZENE	0.698	0.715	-2.4	87	0.00	14.02
88	T	ISOPROPYLBENZENE	1.774	1.715	3.3	82	0.00	14.50
89	T	BROMOBENZENE	0.856	0.847	1.1	84	0.00	14.38
90	T	2-CHLOROTOLUENE	1.158	1.195	-3.2	83	0.00	15.52
91	T	N-PROPYLBENZENE	1.955	2.077	-6.2	84	0.00	15.86
92	T	4-ETHYLTOLUENE	1.581	1.741	-10.1	83	0.00	16.20
93	T	1,3,5-TRIMETHYLBENZENE	1.337	1.433	-7.2	84	0.00	16.35
94	T	ALPHA-METHYLSTYRENE	0.670	0.783	-16.9	92	0.00	16.55
95	T	TERT-BUTYLBENZENE	1.501	1.618	-7.8	84	0.00	16.80
96	T	1,2,4-TRIMETHYLBENZENE	1.381	1.511	-9.4	84	0.00	16.81
97	T	BENZYL CHLORIDE	0.837	0.940	-12.3	94	0.00	16.89
98	T	M-DICHLOROBENZENE	0.961	1.015	-5.6	86	0.00	16.86
99	T	P-DICHLOROBENZENE	0.959	1.032	-7.6	88	0.00	16.95
100	T	O-DICHLOROBENZENE	0.940	0.994	-5.7	88	0.00	17.23

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1137-CC1125
Lab FileID: 6W26823.D

101	T	SEC-BUTYLBENZENE	2.046	2.225	-8.7	85	0.00	17.07
102	T	1,2,3-TRIMETHYLBENZENE	1.353	1.472	-8.8	84	0.00	17.18
103	T	P-ISOPROPYLTOLUENE	1.754	1.946	-10.9	85	0.00	17.25
104	T	N-BUTYLBENZENE	1.559	1.848	-18.5	88	0.00	17.59
105	T	HEXACHLOROETHANE	0.637	0.639	-0.3	88	0.00	17.77
106	T	HEXACHLOROBUTADIENE	0.696	0.735	-5.6	93	0.01	18.79
107	T	1,2,4-TRICHLOROBENZENE	0.781	0.914	-17.0	99	0.00	18.49
108	T	NAPHTHALENE	1.925	2.441	-26.8	106	0.00	18.54

(#) = Out of Range SPCC's out = 0 CCC's out = 0
6W26454.D M6W1125.M Fri Nov 04 15:14:18 2022

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1141-CC1125
Lab FileID: 6W26945.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\6W26945.D Vial: 2
Acq On : 7 Nov 2022 8:11 am Operator: thomash
Sample : cc1125-10 Inst : GCMS6W
Misc : MS63516,V6W1141,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M6W1125.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
Last Update : Thu Oct 20 08:34:08 2022
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	63	0.00	3.34
2	T	FREON 115	0.000	0.244	0.0	0#	0.00	1.67
3	T	FREON 152A	0.860	0.755	12.2	58#	0.00	1.70
4	T	CHLORODIFLUOROMETHANE	0.390	0.347	11.0	59#	0.00	1.71
5	T	CHLOROTRIFLUOROETHENE	1.882	1.652	12.2	59#	0.00	1.72
6	T	DICHLORODIFLUOROMETHANE	3.127	3.573	-14.3	74	0.00	1.73
7	T	PROPYLENE	1.281	1.126	12.1	58#	0.00	1.72
8	T	1-CHLORO-1,1-DIFLUOROETHA	2.864	2.654	7.3	62	0.00	1.77
9	T	FREON 114	3.289	3.104	5.6	64	0.00	1.80
10	T	CHLOROMETHANE	0.452	0.427	5.5	65	0.00	1.78
11	T	VINYL CHLORIDE	1.370	1.310	4.4	65	0.00	1.83
12	t	1,3-BUTADIENE	1.120	1.146	-2.3	69	0.00	1.87
13	T	N-BUTANE	2.525	2.370	6.1	69	0.00	1.88
14	T	BROMOMETHANE	1.059	1.097	-3.6	70	0.00	1.94
15	T	CHLOROETHANE	0.656	0.698	-6.4	70	0.00	1.98
16	T	DICHLOROFLUOROMETHANE	2.784	2.726	2.1	66	0.00	2.00
17	T	ACETONITRILE	1.471	1.555	-5.7	75	0.00	2.07
18	T	ACROLEIN	0.608	0.675	-11.0	69	0.00	2.10
19	T	FREON 123	2.640	2.798	-6.0	73	0.00	2.12
20	T	FREON 123A	1.592	1.600	-0.5	68	0.00	2.13
21	T	TRICHLOROFLUOROMETHANE	3.261	3.261	0.0	69	0.00	2.19
22	T	ISOPROPYL ALCOHOL	3.290	3.138	4.6	70	0.00	2.21
23	T	ACETONE	0.740	0.728	1.6	73	0.00	2.14
24	T	PENTANE	1.755	1.733	1.3	71	0.00	2.30
25	T	IODOMETHANE	3.143	3.244	-3.2	70	0.00	2.36
26	T	1,1-DICHLOROETHYLENE	1.239	1.185	4.4	62	0.00	2.39
27	T	CARBON DISULFIDE	3.927	3.749	4.5	62	0.00	2.52
28	T	ETHANOL	0.759	0.766	-0.9	77	0.00	2.01
29	T	BROMOETHENE	1.110	1.161	-4.6	71	0.00	2.07
30	T	ACRYLONITRILE	1.109	1.173	-5.8	74	0.00	2.27
31	T	METHYLENE CHLORIDE	1.243	1.135	8.7	62	0.00	2.42
32	T	3-CHLOROPROPENE	0.605	0.606	-0.2	63	0.00	2.46
33	T	FREON 113	2.199	2.150	2.2	62	0.00	2.52
34	T	TRANS-1,2-DICHLOROETHENE	1.384	1.298	6.2	61	0.00	2.77
35	T	TERTIARY BUTYL ALCOHOL	2.690	2.318	13.8	60#	0.00	2.40
36	t	METHYL TERTIARY BUTYL ETH	3.445	2.721	21.0	52#	0.00	2.89
37	T	TETRAHYDROFURAN	0.640	0.635	0.8	66	0.00	3.66
38	T	HEXANE	2.685	2.431	9.5	60#	0.00	3.39
39	T	VINYL ACETATE	0.332	0.345	-3.9	69	0.00	2.93
40	T	1,1-DICHLOROETHANE	2.639	2.451	7.1	61	0.00	2.86
41	T	METHYL ETHYL KETONE	0.673	0.652	3.1	64	0.00	3.04
42	T	CIS-1,2-DICHLOROETHENE	1.453	1.332	8.3	61	0.00	3.26

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1141-CC1125
Lab FileID: 6W26945.D

43	T	DIISOPROPYL ETHER	0.772	0.699	9.5	59#	0.00	3.40
44	T	ETHYL ACETATE	0.530	0.509	4.0	63	0.00	3.41
45	T	METHYL ACRYLATE	3.320	3.218	3.1	63	0.00	3.39
46	T	CHLOROFORM	2.982	2.751	7.7	60	0.00	3.42
47	T	2,4-DIMETHYLPENTANE	3.034	2.833	6.6	60#	0.00	3.96
48	T	1,1,1-TRICHLOROETHANE	2.930	2.589	11.6	59#	0.00	4.05
49	T	CARBON TETRACHLORIDE	3.141	2.805	10.7	57#	0.00	4.50
50	T	1,2-DICHLOROETHANE	2.269	1.998	11.9	58#	0.00	3.87
51	t	BENZENE	4.458	3.980	10.7	61	0.00	4.38
52	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	64	0.00	4.73
53	T	CYCLOHEXANE	0.365	0.338	7.4	60	0.00	4.60
54	T	2,3-DIMETHYLPENTANE	0.199	0.177	11.1	59#	0.00	4.87
55	T	TRICHLOROETHENE	0.393	0.348	11.5	58#	0.00	5.35
56	T	1,2-DICHLOROPROPANE	0.361	0.328	9.1	59#	0.00	5.10
57	T	DIBROMOMETHANE	0.370	0.346	6.5	63	0.00	5.06
58	T	ETHYL ACRYLATE	0.765	0.778	-1.7	65	0.01	5.24
59	T	BROMODICHLOROMETHANE	0.661	0.583	11.8	58#	0.00	5.30
60	T	2,2,4-TRIMETHYLPENTANE	1.654	1.528	7.6	59#	0.00	5.44
61	T	1,4-DIOXANE	0.173	0.187	-8.1	70	0.01	5.38
62	T	HEPTANE	0.667	0.630	5.5	62	0.00	5.78
63	T	METHYL METHACRYLATE	0.319	0.319	0.0	64	0.01	5.69
64	T	METHYL ISOBUTYL KETONE	0.270	0.304	-12.6	68	0.02	6.47
65	T	CIS-1,3-DICHLOROPROPENE	0.478	0.447	6.5	60	0.00	6.35
66	T	TOLUENE	1.106	0.942	14.8	59#	0.00	7.62
67	T	1,3-DICHLOROPROPANE	0.533	0.507	4.9	63	0.00	7.68
68	T	TRANS-1,3-DICHLOROPROPENE	0.421	0.397	5.7	60	0.00	7.07
69	T	1,1,2-TRICHLOROETHANE	0.316	0.302	4.4	63	0.00	7.24
70	T	2-HEXANONE	0.315	0.403	-27.9	79	0.02	8.23
71	T	ETHYL METHACRYLATE	0.471	0.526	-11.7	67	0.02	8.36
72	T	TETRACHLOROETHENE	0.382	0.379	0.8	62	0.00	9.41
73	T	DIBROMOCHLOROMETHANE	0.682	0.615	9.8	58#	0.00	8.19
74	T	1,2-DIBROMOETHANE	0.579	0.555	4.1	63	0.00	8.54
75	T	OCTANE	0.882	0.855	3.1	62	0.00	9.56
76	I	CHLOROBENZENE-D5	1.000	1.000	0.0	64	0.00	10.58
77	T	1,1,1,2-TETRACHLOROETHANE	0.537	0.488	9.1	58#	0.00	10.68
78	T	CHLOROBENZENE	0.966	0.913	5.5	60	0.00	10.67
79	t	ETHYLBENZENE	1.722	1.448	15.9	60#	0.00	11.57
80	t	M,P-XYLENE	1.286	1.139	11.4	61	0.00	12.01
81	t	O-XYLENE	1.287	1.151	10.6	61	0.00	12.96
82	T	STYRENE	0.860	0.888	-3.3	61	0.00	12.74
83	T	NONANE	1.107	1.047	5.4	62	0.00	14.09
84	T	BROMOFORM	0.702	0.694	1.1	63	0.00	11.83
85	T	1,1,2,2-TETRACHLOROETHANE	0.914	0.917	-0.3	64	0.00	12.99
86	T	1,2,3-TRICHLOROPROPANE	0.715	0.696	2.7	63	0.00	13.27
87	S	4-BROMOFLUOROBENZENE	0.698	0.721	-3.3	65	0.00	14.02
88	T	ISOPROPYLBENZENE	1.774	1.693	4.6	60	0.00	14.50
89	T	BROMOBENZENE	0.856	0.855	0.1	63	0.00	14.37
90	T	2-CHLOROTOLUENE	1.158	1.172	-1.2	61	0.00	15.52
91	T	N-PROPYLBENZENE	1.955	2.004	-2.5	60	0.00	15.86
92	T	4-ETHYLTOLUENE	1.581	1.715	-8.5	61	0.00	16.20
93	T	1,3,5-TRIMETHYLBENZENE	1.337	1.420	-6.2	62	0.00	16.35
94	T	ALPHA-METHYLSTYRENE	0.670	0.734	-9.6	64	0.00	16.54
95	T	TERT-BUTYLBENZENE	1.501	1.535	-2.3	59#	0.00	16.80
96	T	1,2,4-TRIMETHYLBENZENE	1.381	1.492	-8.0	62	0.00	16.80
97	T	BENZYL CHLORIDE	0.837	0.900	-7.5	67	0.00	16.89
98	T	M-DICHLOROBENZENE	0.961	0.985	-2.5	62	0.00	16.86
99	T	P-DICHLOROBENZENE	0.959	0.990	-3.2	63	0.00	16.95
100	T	O-DICHLOROBENZENE	0.940	0.952	-1.3	63	0.00	17.24

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1141-CC1125
Lab FileID: 6W26945.D

101	T	SEC-BUTYLBENZENE	2.046	2.139	-4.5	61	0.00	17.07
102	T	1,2,3-TRIMETHYLBENZENE	1.353	1.461	-8.0	62	0.00	17.18
103	T	P-ISOPROPYLTOLUENE	1.754	1.834	-4.6	60#	0.00	17.25
104	T	N-BUTYLBENZENE	1.559	1.768	-13.4	63	0.00	17.59
105	T	HEXACHLOROETHANE	0.637	0.594	6.8	61	0.00	17.77
106	T	HEXACHLOROBUTADIENE	0.696	0.788	-13.2	74	0.02	18.80
107	T	1,2,4-TRICHLOROBENZENE	0.781	0.884	-13.2	72	0.02	18.50
108	T	NAPHTHALENE	1.925	2.309	-19.9	75	0.02	18.55

(#) = Out of Range SPCC's out = 0 CCC's out = 0
6W26454.D M6W1125.M Mon Nov 07 13:20:21 2022

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1142-CC1125
Lab FileID: 6W26990.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\6W26990.D Vial: 2
Acq On : 8 Nov 2022 1:46 pm Operator: thomash
Sample : cc1125-10 Inst : GCMS6W
Misc : MS63597,V6W1142,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M6W1125.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
Last Update : Thu Oct 20 08:34:08 2022
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	84	0.00	3.34
2	T	FREON 115	0.000	0.232	0.0	0#	0.00	1.67
3	T	FREON 152A	0.860	0.877	-2.0	91	0.00	1.69
4	T	CHLORODIFLUOROMETHANE	0.390	0.399	-2.3	91	0.00	1.71
5	T	CHLOROTRIFLUOROETHENE	1.882	1.771	5.9	85	0.00	1.72
6	T	DICHLORODIFLUOROMETHANE	3.127	4.788	-53.1#	134	0.00	1.73
7	T	PROPYLENE	1.281	1.374	-7.3	95	0.00	1.71
8	T	1-CHLORO-1,1-DIFLUOROETHA	2.864	3.749	-30.9#	118	0.00	1.77
9	T	FREON 114	3.289	4.290	-30.4#	120	0.00	1.80
10	T	CHLOROMETHANE	0.452	0.634	-40.3#	130	0.00	1.77
11	T	VINYL CHLORIDE	1.370	1.977	-44.3#	132	0.00	1.83
12	t	1,3-BUTADIENE	1.120	1.667	-48.8#	135	0.00	1.87
13	T	N-BUTANE	2.525	3.501	-38.7#	138	0.00	1.88
14	T	BROMOMETHANE	1.059	1.444	-36.4#	124	0.00	1.93
15	T	CHLOROETHANE	0.656	0.975	-48.6#	132	0.00	1.98
16	T	DICHLOROFLUOROMETHANE	2.784	3.890	-39.7#	127	0.00	2.00
17	T	ACETONITRILE	1.471	2.239	-52.2#	145#	0.00	2.06
18	T	ACROLEIN	0.608	0.911	-49.8#	125	0.00	2.10
19	T	FREON 123	2.640	3.641	-37.9#	127	0.00	2.12
20	T	FREON 123A	1.592	1.908	-19.8	109	0.00	2.13
21	T	TRICHLOROFLUOROMETHANE	3.261	3.942	-20.9	113	0.00	2.19
22	T	ISOPROPYL ALCOHOL	3.290	4.582	-39.3#	137	0.00	2.21
23	T	ACETONE	0.740	1.116	-50.8#	150#	0.00	2.14
24	T	PENTANE	1.755	2.496	-42.2#	137	0.00	2.30
25	T	IODOMETHANE	3.143	3.667	-16.7	107	0.00	2.35
26	T	1,1-DICHLOROETHYLENE	1.239	1.523	-22.9	108	0.00	2.38
27	T	CARBON DISULFIDE	3.927	4.943	-25.9	111	0.00	2.52
28	T	ETHANOL	0.759	1.089	-43.5#	147#	0.00	2.01
29	T	BROMOETHENE	1.110	1.382	-24.5	113	0.00	2.07
30	T	ACRYLONITRILE	1.109	1.569	-41.5#	132	0.00	2.27
31	T	METHYLENE CHLORIDE	1.243	1.470	-18.3	109	0.00	2.42
32	T	3-CHLOROPROPENE	0.605	0.788	-30.2#	111	0.00	2.46
33	T	FREON 113	2.199	2.422	-10.1	94	0.00	2.52
34	T	TRANS-1,2-DICHLOROETHENE	1.384	1.629	-17.7	102	0.00	2.77
35	T	TERTIARY BUTYL ALCOHOL	2.690	3.045	-13.2	105	0.00	2.40
36	t	METHYL TERTIARY BUTYL ETH	3.445	3.362	2.4	86	0.00	2.89
37	T	TETRAHYDROFURAN	0.640	0.833	-30.2#	116	0.00	3.65
38	T	HEXANE	2.685	3.460	-28.9	115	0.00	3.39
39	T	VINYL ACETATE	0.332	0.413	-24.4	111	0.00	2.93
40	T	1,1-DICHLOROETHANE	2.639	3.355	-27.1	112	0.00	2.85
41	T	METHYL ETHYL KETONE	0.673	0.860	-27.8	113	0.00	3.04
42	T	CIS-1,2-DICHLOROETHENE	1.453	1.645	-13.2	101	0.00	3.25

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1142-CC1125
Lab FileID: 6W26990.D

43	T	DIISOPROPYL ETHER	0.772	0.917	-18.8	104	0.00	3.40
44	T	ETHYL ACETATE	0.530	0.702	-32.5#	118	0.00	3.41
45	T	METHYL ACRYLATE	3.320	4.522	-36.2#	119	0.00	3.39
46	T	CHLOROFORM	2.982	3.587	-20.3	106	0.00	3.42
47	T	2,4-DIMETHYLPENTANE	3.034	3.989	-31.5#	113	0.00	3.95
48	T	1,1,1-TRICHLOROETHANE	2.930	3.287	-12.2	100	0.00	4.04
49	T	CARBON TETRACHLORIDE	3.141	3.334	-6.1	91	0.00	4.50
50	T	1,2-DICHLOROETHANE	2.269	2.777	-22.4	109	0.00	3.87
51	t	BENZENE	4.458	5.134	-15.2	106	0.00	4.38
52	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	86	0.00	4.73
53	T	CYCLOHEXANE	0.365	0.433	-18.6	104	0.00	4.60
54	T	2,3-DIMETHYLPENTANE	0.199	0.233	-17.1	105	-0.01	4.87
55	T	TRICHLOROETHENE	0.393	0.445	-13.2	99	0.00	5.34
56	T	1,2-DICHLOROPROPANE	0.361	0.453	-25.5	111	0.00	5.10
57	T	DIBROMOMETHANE	0.370	0.383	-3.5	94	0.00	5.05
58	T	ETHYL ACRYLATE	0.765	1.089	-42.4#	123	0.00	5.23
59	T	BROMODICHLOROMETHANE	0.661	0.766	-15.9	102	0.00	5.29
60	T	2,2,4-TRIMETHYLPENTANE	1.654	2.190	-32.4#	115	0.00	5.44
61	T	1,4-DIOXANE	0.173	0.239	-38.2#	121	0.00	5.37
62	T	HEPTANE	0.667	0.697	-4.5	93	-0.01	5.78
63	T	METHYL METHACRYLATE	0.319	0.341	-6.9	93	0.00	5.68
64	T	METHYL ISOBUTYL KETONE	0.270	0.337	-24.8	101	0.02	6.47
65	T	CIS-1,3-DICHLOROPROPENE	0.478	0.490	-2.5	89	0.00	6.34
66	T	TOLUENE	1.106	1.009	8.8	86	0.00	7.61
67	T	1,3-DICHLOROPROPANE	0.533	0.552	-3.6	92	0.00	7.68
68	T	TRANS-1,3-DICHLOROPROPENE	0.421	0.434	-3.1	89	0.00	7.06
69	T	1,1,2-TRICHLOROETHANE	0.316	0.326	-3.2	92	0.00	7.23
70	T	2-HEXANONE	0.315	0.438	-39.0#	116	0.01	8.22
71	T	ETHYL METHACRYLATE	0.471	0.560	-18.9	97	0.00	8.35
72	T	TETRACHLOROETHENE	0.382	0.375	1.8	83	0.00	9.41
73	T	DIBROMOCHLOROMETHANE	0.682	0.626	8.2	79	0.00	8.18
74	T	1,2-DIBROMOETHANE	0.579	0.551	4.8	85	0.00	8.53
75	T	OCTANE	0.882	0.956	-8.4	93	0.00	9.55
76	I	CHLOROBENZENE-D5	1.000	1.000	0.0	75	0.00	10.58
77	T	1,1,1,2-TETRACHLOROETHANE	0.537	0.565	-5.2	79	0.00	10.67
78	T	CHLOROBENZENE	0.966	1.061	-9.8	82	-0.01	10.66
79	t	ETHYLBENZENE	1.722	1.814	-5.3	87	0.00	11.56
80	t	M,P-XYLENE	1.286	1.391	-8.2	87	0.00	12.00
81	t	O-XYLENE	1.287	1.424	-10.6	88	0.00	12.95
82	T	STYRENE	0.860	1.007	-17.1	81	0.00	12.74
83	T	NONANE	1.107	1.368	-23.6	94	0.00	14.08
84	T	BROMOFORM	0.702	0.778	-10.8	83	0.00	11.83
85	T	1,1,2,2-TETRACHLOROETHANE	0.914	1.161	-27.0	95	0.00	12.98
86	T	1,2,3-TRICHLOROPROPANE	0.715	0.875	-22.4	92	0.00	13.27
87	S	4-BROMOFLUOROBENZENE	0.698	0.769	-10.2	81	0.00	14.02
88	T	ISOPROPYLBENZENE	1.774	1.994	-12.4	83	0.00	14.50
89	T	BROMOBENZENE	0.856	1.043	-21.8	90	0.00	14.37
90	T	2-CHLOROTOLUENE	1.158	1.444	-24.7	88	0.00	15.51
91	T	N-PROPYLBENZENE	1.955	2.520	-28.9	89	0.00	15.86
92	T	4-ETHYLTOLUENE	1.581	2.001	-26.6	83	0.00	16.20
93	T	1,3,5-TRIMETHYLBENZENE	1.337	1.648	-23.3	84	0.00	16.35
94	T	ALPHA-METHYLSTYRENE	0.670	0.811	-21.0	83	0.00	16.54
95	T	TERT-BUTYLBENZENE	1.501	1.805	-20.3	81	0.00	16.80
96	T	1,2,4-TRIMETHYLBENZENE	1.381	1.760	-27.4	85	0.00	16.80
97	T	BENZYL CHLORIDE	0.837	1.090	-30.2#	95	0.00	16.89
98	T	M-DICHLOROBENZENE	0.961	1.153	-20.0	85	0.00	16.86
99	T	P-DICHLOROBENZENE	0.959	1.148	-19.7	85	0.00	16.95
100	T	O-DICHLOROBENZENE	0.940	1.122	-19.4	86	0.00	17.24

Continuing Calibration Summary

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: V6W1142-CC1125
Lab FileID: 6W26990.D

101	T	SEC-BUTYLBENZENE	2.046	2.615	-27.8	86	0.00	17.07
102	T	1,2,3-TRIMETHYLBENZENE	1.353	1.725	-27.5	86	0.00	17.18
103	T	P-ISOPROPYLTOLUENE	1.754	2.218	-26.5	84	0.00	17.25
104	T	N-BUTYLBENZENE	1.559	2.311	-48.2#	96	0.00	17.59
105	T	HEXACHLOROETHANE	0.637	0.734	-15.2	88	0.01	17.77
106	T	HEXACHLOROBUTADIENE	0.696	0.953	-36.9#	105	0.03	18.81
107	T	1,2,4-TRICHLOROBENZENE	0.781	1.086	-39.1#	103	0.02	18.50
108	T	NAPHTHALENE	1.925	2.809	-45.9#	106	0.02	18.55

(#) = Out of Range SPCC's out = 0 CCC's out = 0

6W26454.D M6W1125.M Tue Nov 15 16:22:40 2022

Run Sequence Report

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Run ID: V3W3055 **Method:** TO-15 **Instrument ID:** GCMS3W

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V3W3055-BFB	3W77566.D	11/03/22 02:37	n/a	BFB Tune
V3W3055-IC3055	3W77567.D	11/03/22 03:16	n/a	Initial cal 0.04
V3W3055-IC3055	3W77568.D	11/03/22 03:54	n/a	Initial cal 0.1
V3W3055-IC3055	3W77569.D	11/03/22 04:34	n/a	Initial cal 0.2
V3W3055-IC3055	3W77571.D	11/03/22 05:54	n/a	Initial cal 0.5
V3W3055-IC3055	3W77572.D	11/03/22 06:33	n/a	Initial cal 5
V3W3055-ICC3055	3W77573.D	11/03/22 07:12	n/a	Initial cal 10
V3W3055-IC3055	3W77574.D	11/03/22 07:54	n/a	Initial cal 20
V3W3055-IC3055	3W77575.D	11/03/22 08:38	n/a	Initial cal 40
V3W3055-IC3055	3W77576.D	11/03/22 09:25	n/a	Initial cal 50
V3W3055-BFB	3W77583.D	11/06/22 15:04	n/a	BFB Tune
V3W3055-ICV3055	3W77585.D	11/06/22 16:46	n/a	Initial cal verification 10

Run Sequence Report

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Run ID: V3W3087 **Method:** TO-15 **Instrument ID:** GCMS3W

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V3W3087-BFB	3W78379.D	12/13/22 09:59	n/a	BFB Tune
V3W3087-CC3055	3W78381.D	12/13/22 12:01	n/a	Continuing cal 10
V3W3087-BS	3W78382.D	12/13/22 12:42	n/a	Blank Spike
V3W3087-BSD	3W78383.D	12/13/22 13:22	n/a	Blank Spike Duplicate
V3W3087-MB	3W78385.D	12/13/22 15:03	n/a	Method Blank
JD56989-1	3W78386.D	12/13/22 17:16	n/a	(used for QC only; not part of job JD56955)
JD56989-1DUP	3W78387.D	12/13/22 17:56	n/a	Duplicate
ZZZZZZ	3W78388.D	12/13/22 18:35	n/a	(unrelated sample)
ZZZZZZ	3W78389.D	12/13/22 19:14	n/a	(unrelated sample)
ZZZZZZ	3W78390.D	12/13/22 20:03	n/a	(unrelated sample)
ZZZZZZ	3W78391.D	12/13/22 20:42	n/a	(unrelated sample)
ZZZZZZ	3W78392.D	12/13/22 21:23	n/a	(unrelated sample)
ZZZZZZ	3W78393.D	12/13/22 22:03	n/a	(unrelated sample)
ZZZZZZ	3W78394.D	12/13/22 22:42	n/a	(unrelated sample)
ZZZZZZ	3W78395.D	12/13/22 23:22	n/a	(unrelated sample)
ZZZZZZ	3W78396.D	12/14/22 00:02	n/a	(unrelated sample)
ZZZZZZ	3W78397.D	12/14/22 00:41	n/a	(unrelated sample)
ZZZZZZ	3W78398.D	12/14/22 01:22	n/a	(unrelated sample)
JD56955-1	3W78399.D	12/14/22 02:04	n/a	SV-1
JD56955-2	3W78400.D	12/14/22 02:45	n/a	SV-2
JD56955-3	3W78401.D	12/14/22 03:33	n/a	IA-1
JD56955-4	3W78402.D	12/14/22 04:21	n/a	IA-2

Run Sequence Report

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Run ID: V6W1125 **Method:** TO-15 **Instrument ID:** GCMS6W

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V6W1125-BFB	6W26446.D	10/19/22 17:44	n/a	BFB Tune
V6W1125-IC1125	6W26448.D	10/19/22 19:10	n/a	Initial cal 0.04
V6W1125-IC1125	6W26449.D	10/19/22 19:43	n/a	Initial cal 0.1
V6W1125-IC1125	6W26450.D	10/19/22 20:15	n/a	Initial cal 0.2
V6W1125-IC1125	6W26451.D	10/19/22 20:47	n/a	Initial cal 0.5
V6W1125-IC1125	6W26453.D	10/19/22 21:52	n/a	Initial cal 5
V6W1125-ICC1125	6W26454.D	10/19/22 22:25	n/a	Initial cal 10
V6W1125-IC1125	6W26455.D	10/19/22 22:57	n/a	Initial cal 20
V6W1125-IC1125	6W26456.D	10/19/22 23:29	n/a	Initial cal 40
V6W1125-IC1125	6W26457.D	10/20/22 00:03	n/a	Initial cal 50
V6W1125-ICV1125	6W26462.D	10/20/22 09:08	n/a	Initial cal verification 10

Run Sequence Report

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Run ID: V6W1137 **Method:** TO-15 **Instrument ID:** GCMS6W

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V6W1137-BFB	6W26822.D	11/03/22 09:04	n/a	BFB Tune
V6W1137-CC1125	6W26823.D	11/03/22 09:36	n/a	Continuing cal 10
V6W1137-BS	6W26824.D	11/03/22 10:14	n/a	Blank Spike
V6W1137-BSD	6W26825.D	11/03/22 10:45	n/a	Blank Spike Duplicate
V6W1137-MB	6W26830.D	11/03/22 14:39	n/a	Method Blank
ZZZZZZ	6W26831.D	11/03/22 15:48	n/a	(unrelated sample)
ZZZZZZ	6W26832.D	11/03/22 16:21	n/a	(unrelated sample)
JD53652-1	6W26833.D	11/03/22 16:53	n/a	(used for QC only; not part of job JD56955)
JD53652-1DUP	6W26834.D	11/03/22 17:26	n/a	Duplicate
ZZZZZZ	6W26835.D	11/03/22 17:59	n/a	(unrelated sample)
ZZZZZZ	6W26836.D	11/03/22 18:31	n/a	(unrelated sample)
ZZZZZZ	6W26837.D	11/03/22 19:03	n/a	(unrelated sample)
ZZZZZZ	6W26838.D	11/03/22 19:35	n/a	(unrelated sample)
ZZZZZZ	6W26839.D	11/03/22 20:07	n/a	(unrelated sample)
ZZZZZZ	6W26840.D	11/03/22 20:40	n/a	(unrelated sample)
ZZZZZZ	6W26841.D	11/03/22 21:12	n/a	(unrelated sample)
ZZZZZZ	6W26842.D	11/03/22 21:46	n/a	(unrelated sample)
ZZZZZZ	6W26843.D	11/03/22 22:19	n/a	(unrelated sample)
ZZZZZZ	6W26844.D	11/03/22 22:51	n/a	(unrelated sample)
ZZZZZZ	6W26846.D	11/03/22 23:58	n/a	(unrelated sample)
ZZZZZZ	6W26847.D	11/04/22 00:31	n/a	(unrelated sample)
ZZZZZZ	6W26848.D	11/04/22 01:04	n/a	(unrelated sample)
ZZZZZZ	6W26849.D	11/04/22 01:37	n/a	(unrelated sample)
V6W1137-SCC	6W26852.D	11/04/22 03:16	n/a	Summa Cleaning Certification
V6W1137-SCC	6W26853.D	11/04/22 03:48	n/a	Summa Cleaning Certification
V6W1137-SCC	6W26854.D	11/04/22 04:20	n/a	Summa Cleaning Certification
V6W1137-SCC	6W26855.D	11/04/22 04:53	n/a	Summa Cleaning Certification
V6W1137-SCC	6W26856.D	11/04/22 05:25	n/a	Summa Cleaning Certification
V6W1137-SCC	6W26859.D	11/04/22 07:04	n/a	Summa Cleaning Certification
V6W1137-SCC	6W26860.D	11/04/22 07:37	n/a	Summa Cleaning Certification

Run Sequence Report

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Run ID: V6W1141 **Method:** TO-15 **Instrument ID:** GCMS6W

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V6W1141-BFB	6W26944.D	11/07/22 07:38	n/a	BFB Tune
V6W1141-CC1125	6W26945.D	11/07/22 08:11	n/a	Continuing cal 10
V6W1141-BS	6W26946.D	11/07/22 08:52	n/a	Blank Spike
V6W1141-BSD	6W26947.D	11/07/22 09:25	n/a	Blank Spike Duplicate
V6W1141-MB	6W26949.D	11/07/22 10:43	n/a	Method Blank
V6W1141-SCC	6W26950.D	11/07/22 11:38	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26951.D	11/07/22 12:11	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26952.D	11/07/22 12:43	n/a	Summa Cleaning Certification
ZZZZZZ	6W26953.D	11/07/22 13:21	n/a	(unrelated sample)
ZZZZZZ	6W26955.D	11/07/22 14:46	n/a	(unrelated sample)
ZZZZZZ	6W26956.D	11/07/22 15:18	n/a	(unrelated sample)
ZZZZZZ	6W26957.D	11/07/22 15:52	n/a	(unrelated sample)
JD54490-11	6W26958.D	11/07/22 16:25	n/a	(used for QC only; not part of job JD56955)
JD54490-11DUP	6W26959.D	11/07/22 16:58	n/a	Duplicate
ZZZZZZ	6W26960.D	11/07/22 17:31	n/a	(unrelated sample)
ZZZZZZ	6W26961.D	11/07/22 18:03	n/a	(unrelated sample)
ZZZZZZ	6W26962.D	11/07/22 18:36	n/a	(unrelated sample)
ZZZZZZ	6W26963.D	11/07/22 19:08	n/a	(unrelated sample)
ZZZZZZ	6W26964.D	11/07/22 19:40	n/a	(unrelated sample)
ZZZZZZ	6W26965.D	11/07/22 20:13	n/a	(unrelated sample)
ZZZZZZ	6W26969.D	11/07/22 22:23	n/a	(unrelated sample)
V6W1141-SCC	6W26971.D	11/07/22 23:45	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26972.D	11/08/22 00:17	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26973.D	11/08/22 00:50	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26974.D	11/08/22 01:22	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26976.D	11/08/22 02:26	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26977.D	11/08/22 02:59	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26978.D	11/08/22 03:32	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26979.D	11/08/22 04:05	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26980.D	11/08/22 04:38	n/a	Summa Cleaning Certification
V6W1141-SCC	6W26981.D	11/08/22 05:10	n/a	Summa Cleaning Certification

Run Sequence Report

Job Number: JD56955
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Run ID: V6W1142 **Method:** TO-15 **Instrument ID:** GCMS6W

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V6W1142-BFB	6W26988.D	11/08/22 11:50	n/a	BFB Tune
V6W1142-CC1125	6W26990.D	11/08/22 13:46	n/a	Continuing cal 10
V6W1142-BS	6W26991.D	11/08/22 14:43	n/a	Blank Spike
V6W1142-BSD	6W26992.D	11/08/22 15:14	n/a	Blank Spike Duplicate
V6W1142-MB	6W26995.D	11/08/22 17:27	n/a	Method Blank
V6W1142-SCC	6W26997.D	11/08/22 19:33	n/a	Summa Cleaning Certification
V6W1142-SCC	6W26998.D	11/08/22 20:05	n/a	Summa Cleaning Certification
V6W1142-SCC	6W26999.D	11/08/22 20:37	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27000.D	11/08/22 21:11	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27001.D	11/08/22 21:44	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27002.D	11/08/22 22:17	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27003.D	11/08/22 22:50	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27004.D	11/08/22 23:22	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27005.D	11/08/22 23:55	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27006.D	11/09/22 00:29	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27008.D	11/09/22 01:34	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27009.D	11/09/22 02:07	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27010.D	11/09/22 02:40	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27011.D	11/09/22 03:12	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27013.D	11/09/22 04:20	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27014.D	11/09/22 04:52	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27015.D	11/09/22 05:25	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27016.D	11/09/22 05:58	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27017.D	11/09/22 06:31	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27018.D	11/09/22 07:03	n/a	Summa Cleaning Certification
V6W1142-SCC	6W27021.D	11/09/22 08:43	n/a	Summa Cleaning Certification

MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78399.D
Acq On : 14 Dec 2022 2:04 am
Operator : thomash
Sample : jd56955-1
Misc : MS64733,V3W3087,100,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 15 17:11:46 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

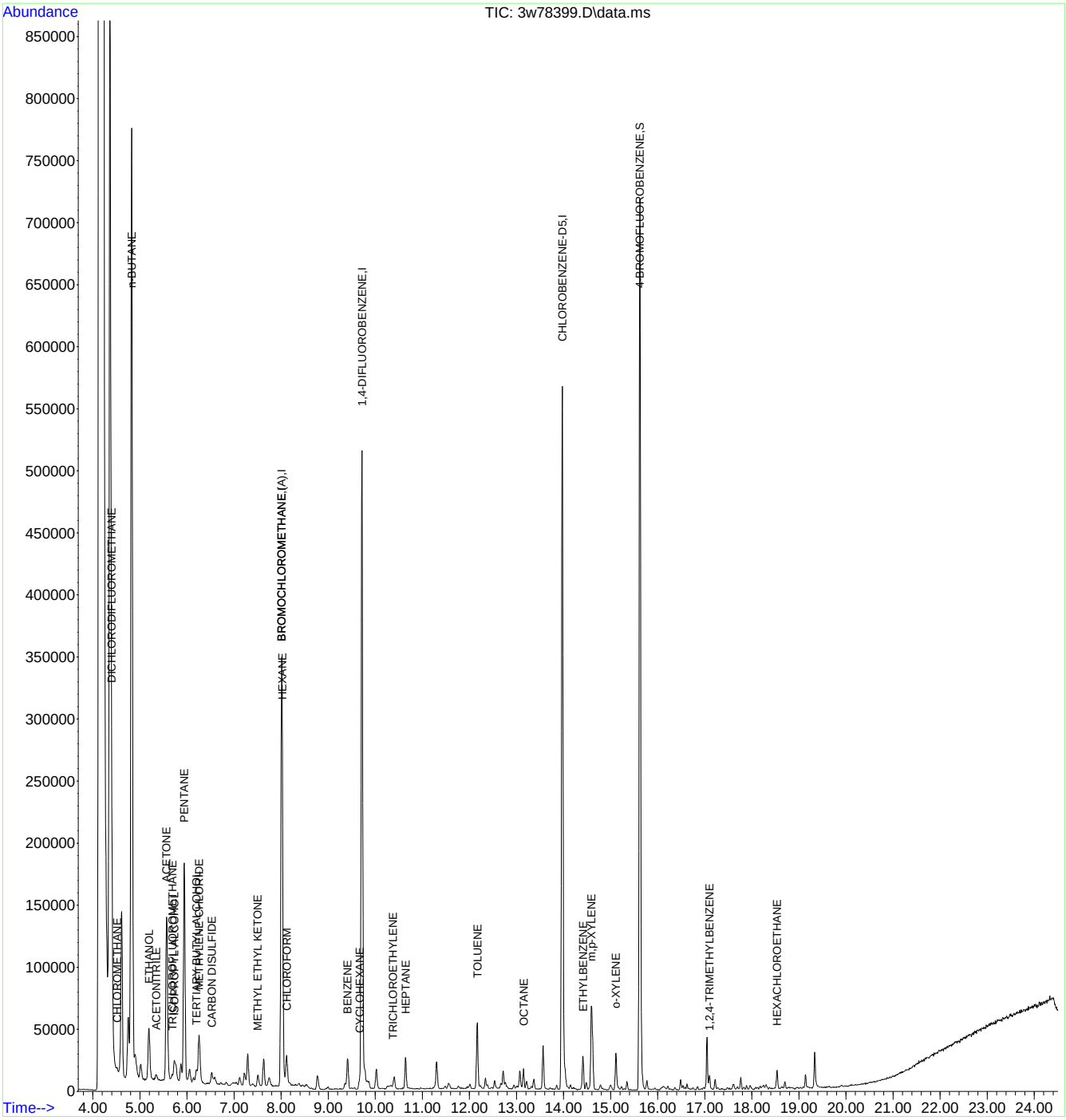
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.007	128	90692	10.00	PPBV		-0.07
51) 1,4-DIFLUOROBENZENE	9.716	114	449963	10.00	PPBV		-0.07
70) CHLOROBENZENE-D5	13.975	82	221201	10.00	PPBV		-0.07
109) BROMOCHLOROMETHANE (A)	8.007	128	90692	10.00	PPBV		-0.07
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.617	95	266796	10.33	PPBV		-0.07
Spiked Amount 10.000	Range 65 - 128		Recovery = 103.30%				
Target Compounds							Qvalue
6) DICHLORODIFLUOROMETHANE	4.399	85	226899	5.16	PPBV		98
10) CHLOROMETHANE	4.515	52	411	0.11	PPBV	#	65
13) n-BUTANE	4.825	43	842190	36.48	PPBV		98
17) ACETONITRILE	5.342	41	2227	0.16	PPBV	#	1
21) TRICHLOROFLUOROMETHANE	5.689	101	5054	0.13	PPBV		97
22) ISOPROPYL ALCOHOL	5.731	45	26704	0.91	PPBV		89
23) ACETONE	5.561	58	19686	2.85	PPBV	#	3
24) PENTANE	5.938	42	85827	5.25	PPBV		93
27) CARBON DISULFIDE	6.528	76	17396	0.44	PPBV	#	64
28) ETHANOL	5.190	45	68547	10.65	PPBV		97
31) METHYLENE CHLORIDE	6.255	84	20779	1.60	PPBV		97
35) TERTIARY BUTYL ALCOHOL	6.200	59	7198	0.23	PPBV	#	1
38) HEXANE	8.025	57	48469	2.27	PPBV	#	75
41) METHYL ETHYL KETONE	7.502	72	3329	0.52	PPBV		93
46) CHLOROFORM	8.116	83	17662	0.57	PPBV		97
52) BENZENE	9.412	78	24000	0.56	PPBV		97
53) CYCLOHEXANE	9.668	84	3110	0.16	PPBV	#	68
55) TRICHLOROETHYLENE	10.373	95	926	0.05	PPBV	#	56
62) HEPTANE	10.647	43	11530	0.40	PPBV		97
66) TOLUENE	12.168	92	24104	0.78	PPBV		97
76) OCTANE	13.153	43	8305	0.24	PPBV		95
79) ETHYLBENZENE	14.413	91	23784	0.37	PPBV		96
80) m,p-XYLENE	14.589	106	28596	1.16	PPBV		89
81) o-XYLENE	15.112	106	9022	0.38	PPBV		94
96) 1,2,4-TRIMETHYLBENZENE	17.102	105	6534	0.12	PPBV	#	37
105) HEXACHLOROETHANE	18.537	117	2551	0.10	PPBV		86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

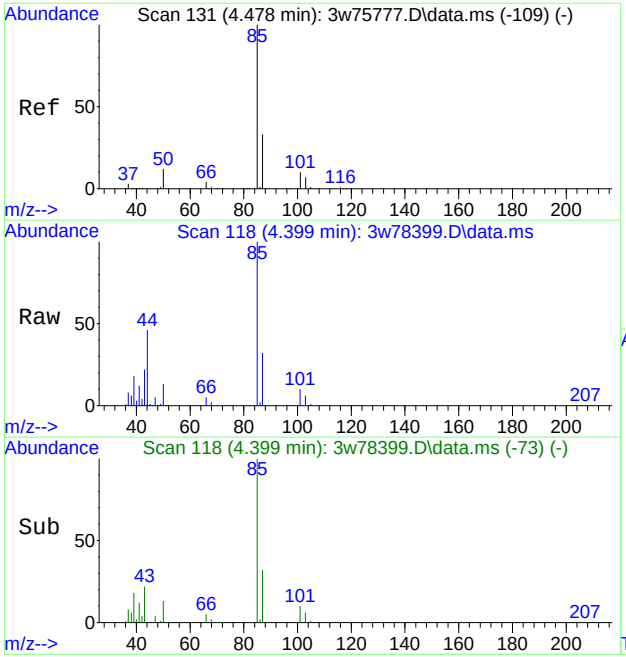
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78399.D
Acq On : 14 Dec 2022 2:04 am
Operator : thomash
Sample : jd56955-1
Misc : MS64733,V3W3087,100,,,,1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 15 17:11:46 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration



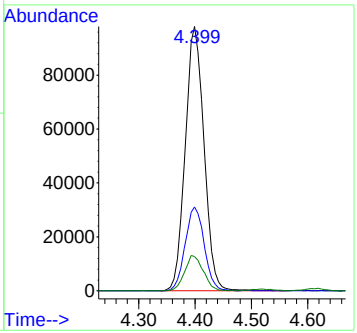
M3W3055.M Thu Dec 15 17:11:54 2022 Page: 2

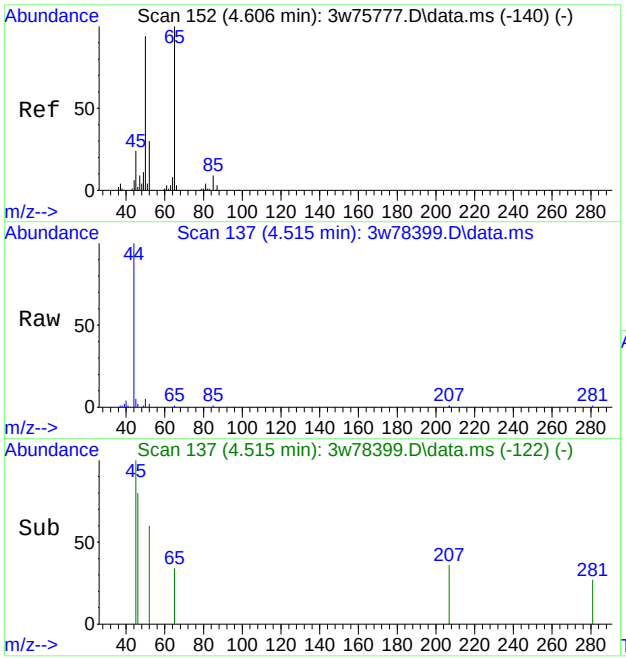


#6
DICHLORODIFLUOROMETHANE
Concen: 5.16 PPBV
RT: 4.399 min Scan# 118
Delta R.T. -0.055 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 85 Resp: 226899

Ion	Ratio	Lower	Upper
85	100		
87	32.1	12.0	52.0
50	13.2	0.0	30.7

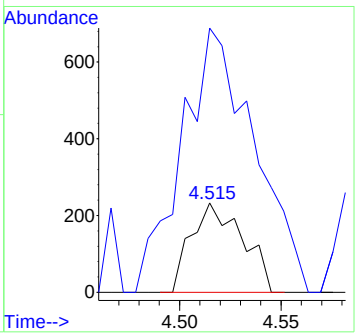


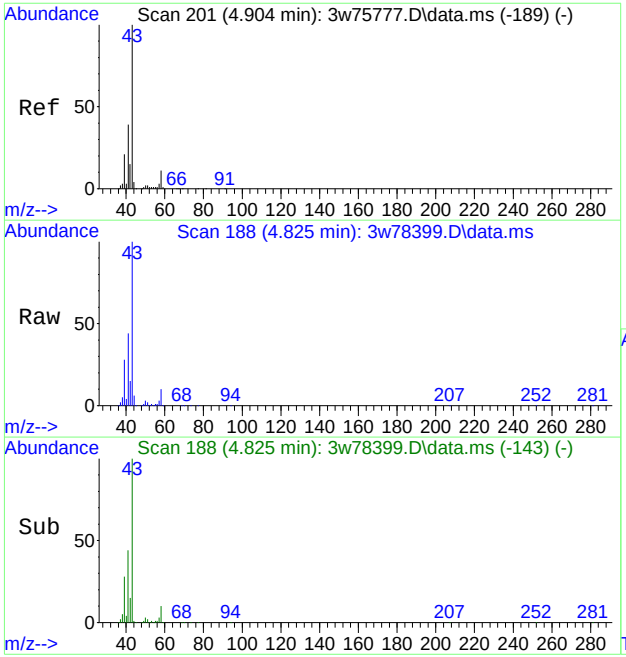


#10
CHLOROMETHANE
Concen: 0.11 PPBV
RT: 4.515 min Scan# 137
Delta R.T. -0.060 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 52 Resp: 411

Ion	Ratio	Lower	Upper
52	100		
50	210.3	256.2	296.2#

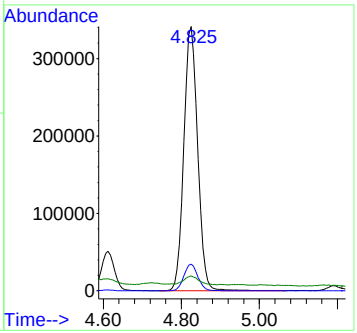


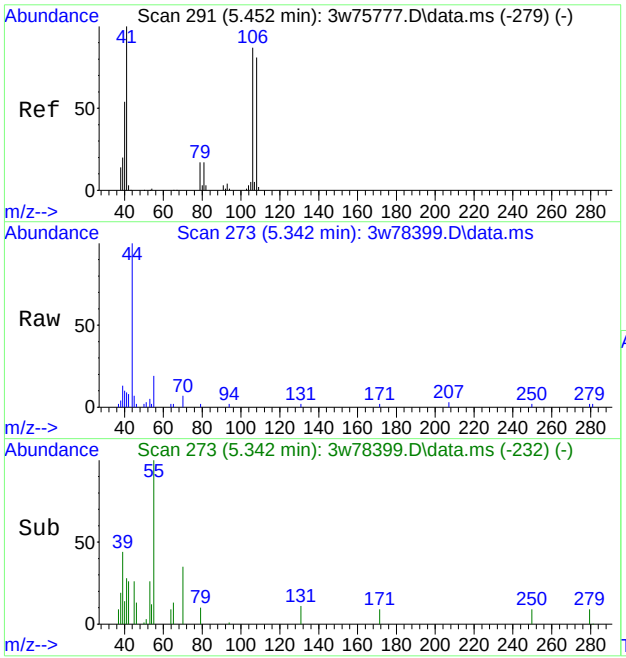


#13
n-BUTANE
Concen: 36.48 PPBV
RT: 4.825 min Scan# 188
Delta R.T. -0.055 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 43 Resp: 842190

Ion	Ratio	Lower	Upper
43	100		
58	10.2	0.0	30.1
44	5.4	0.0	23.9

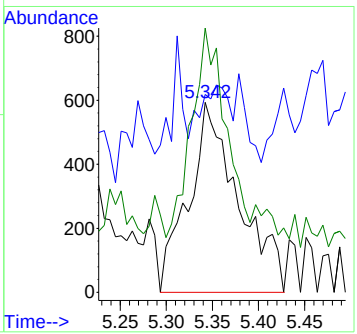


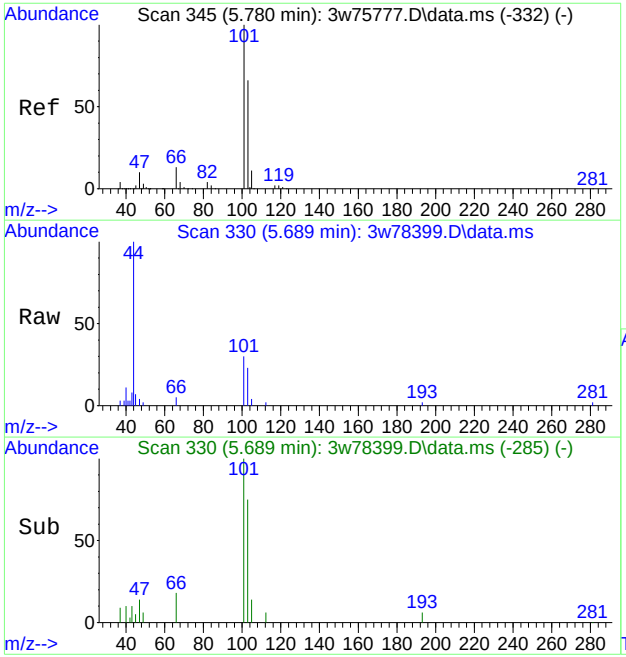


#17
ACETONITRILE
Concen: 0.16 PPBV
RT: 5.342 min Scan# 273
Delta R.T. -0.079 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 41 Resp: 2227

Ion	Ratio	Lower	Upper
41	100		
40	0.0	48.2	72.4#
39	116.4	15.9	23.9#

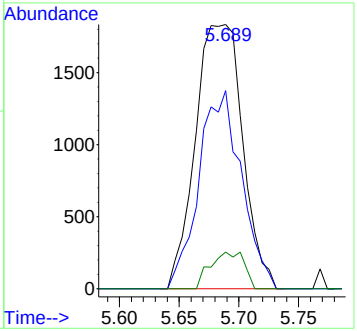


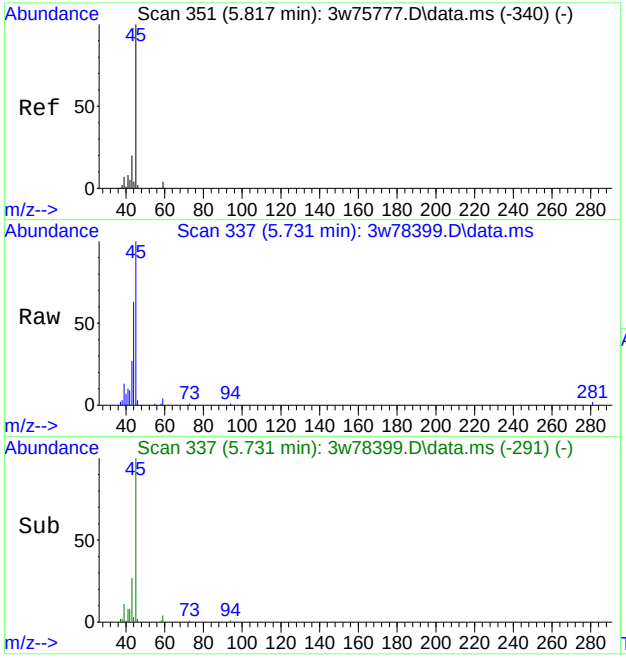


#21
TRICHLOROFLUOROMETHANE
Concen: 0.13 PPBV
RT: 5.689 min Scan# 330
Delta R.T. -0.054 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion:101 Resp: 5054

Ion	Ratio	Lower	Upper
101	100		
103	67.3	44.4	84.4
105	9.9	0.0	30.5

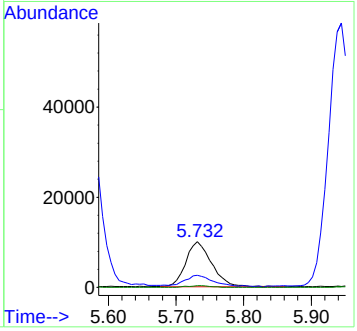


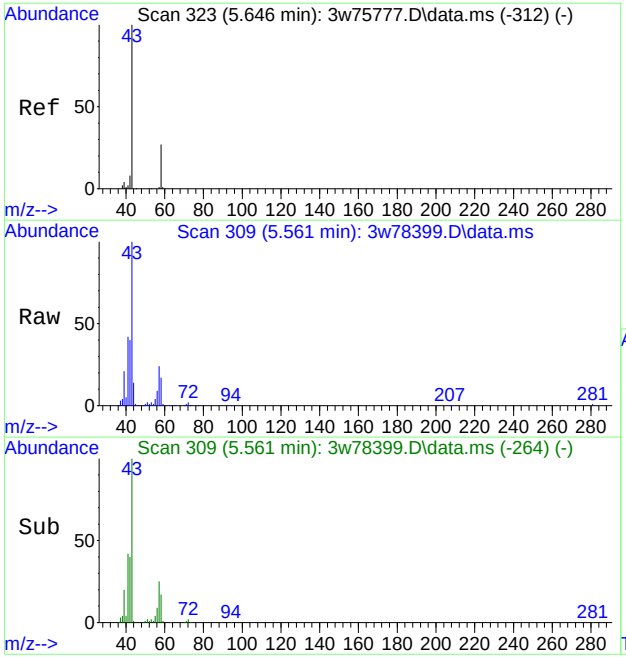


#22
ISOPROPYL ALCOHOL
Concen: 0.91 PPBV
RT: 5.731 min Scan# 337
Delta R.T. -0.049 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 45 Resp: 26704

Ion	Ratio	Lower	Upper
45	100		
43	26.8	1.0	41.0
59	3.6	0.0	23.6

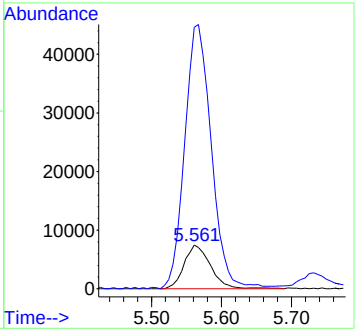


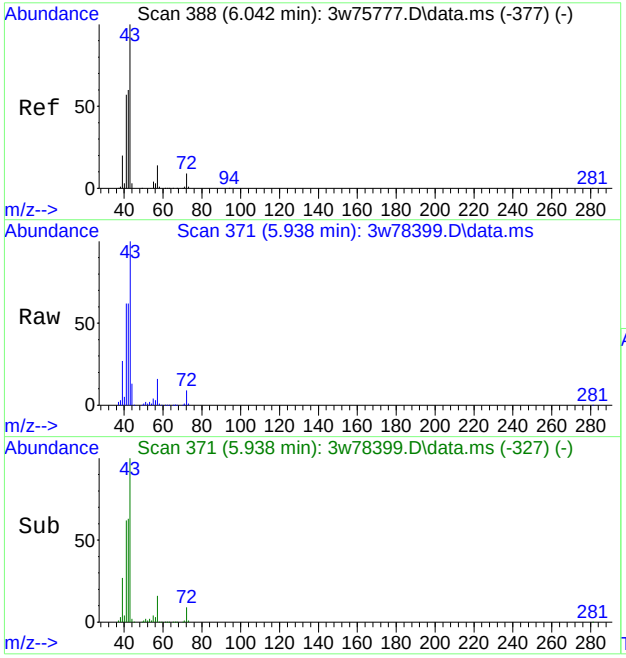


#23
ACETONE
Concen: 2.85 PPBV
RT: 5.561 min Scan# 309
Delta R.T. -0.055 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 58 Resp: 19686

Ion	Ratio	Lower	Upper
58	100		
43	610.5	365.9	405.9#

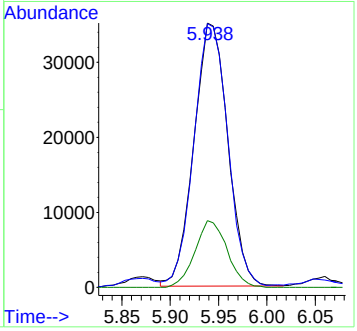


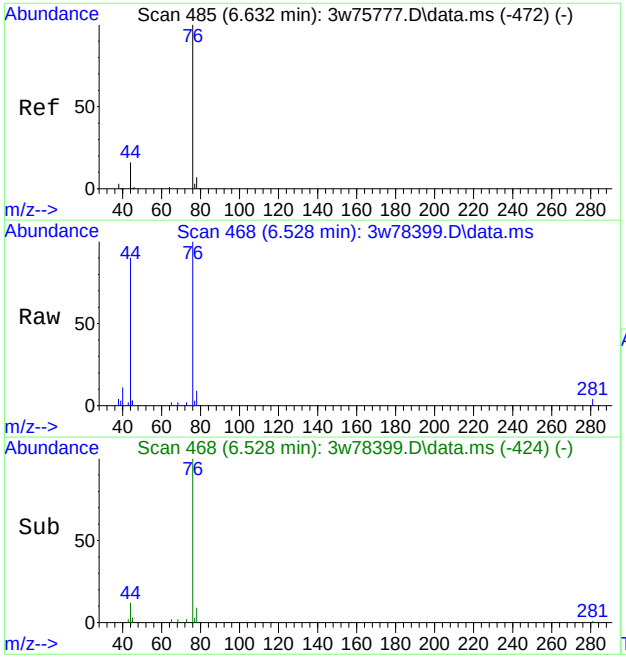


#24
PENTANE
Concen: 5.25 PPBV
RT: 5.938 min Scan# 371
Delta R.T. -0.061 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 42 Resp: 85827

Ion	Ratio	Lower	Upper
42	100		
41	98.6	72.1	112.1
57	24.1	1.5	41.5

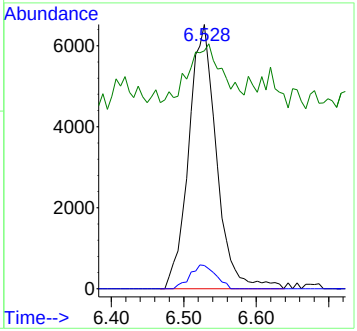


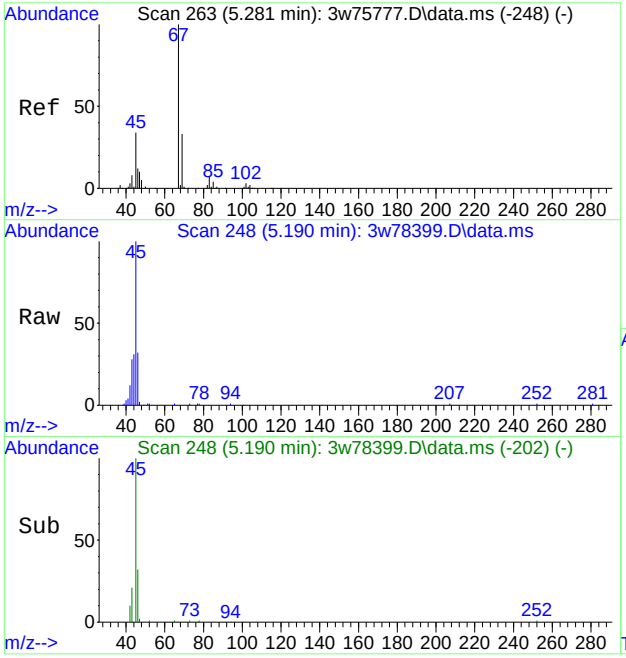


#27
CARBON DISULFIDE
Concen: 0.44 PPBV
RT: 6.528 min Scan# 468
Delta R.T. -0.061 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 76 Resp: 17396

Ion	Ratio	Lower	Upper
76	100		
78	8.3	0.0	28.9
44	41.4	0.0	37.9#

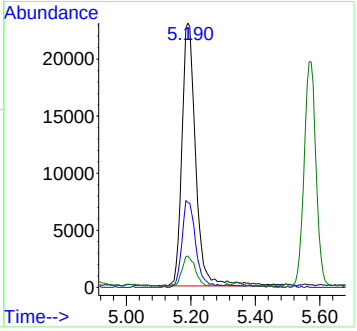


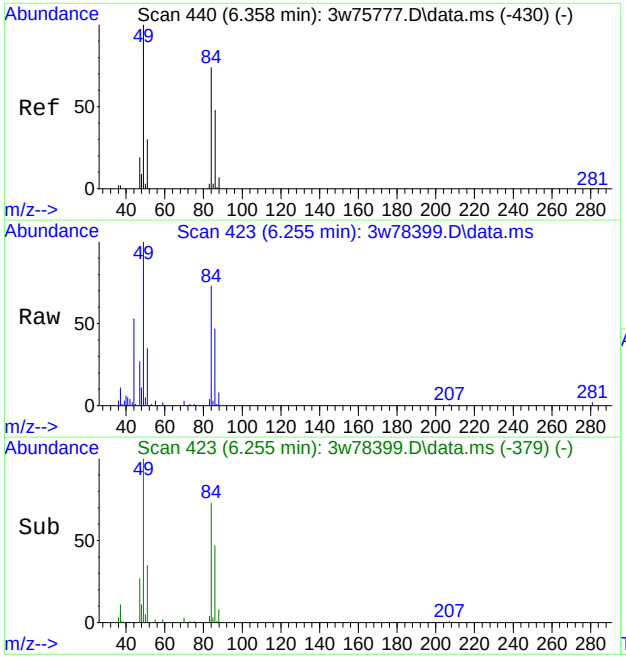


#28
ETHANOL
Concen: 10.65 PPBV
RT: 5.190 min Scan# 248
Delta R.T. -0.048 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 45 Resp: 68547

Ion	Ratio	Lower	Upper
45	100		
46	34.6	14.0	54.0
42	13.0	0.0	30.3

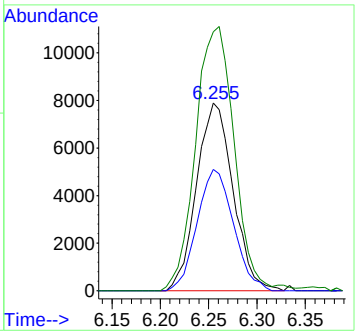


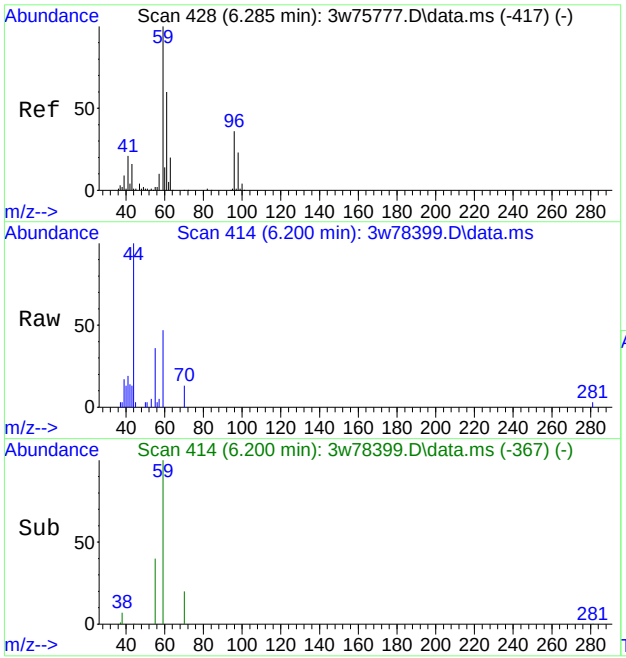


#31
METHYLENE CHLORIDE
Concen: 1.60 PPBV
RT: 6.255 min Scan# 423
Delta R.T. -0.060 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 84 Resp: 20779

Ion	Ratio	Lower	Upper
84	100		
86	64.3	45.6	85.6
49	150.4	0.0	345.4

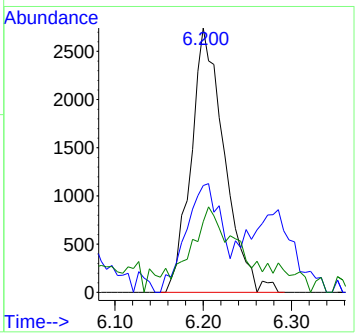


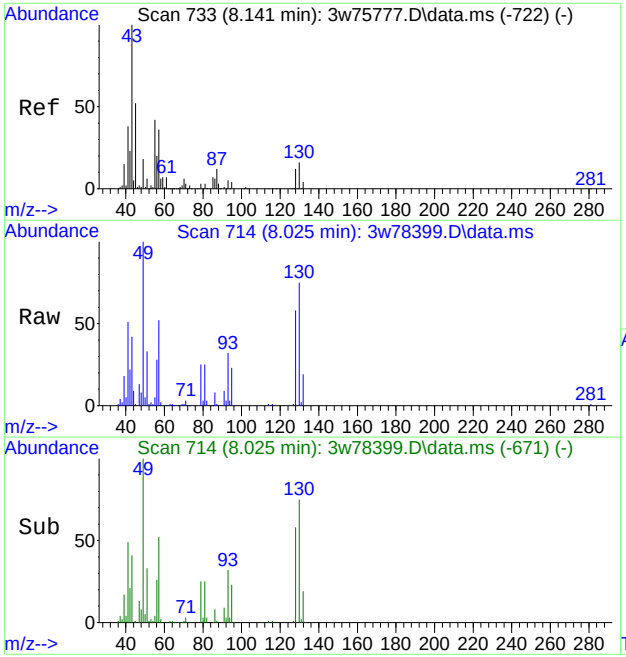


#35
TERTIARY BUTYL ALCOHOL
Concen: 0.23 PPBV
RT: 6.200 min Scan# 414
Delta R.T. -0.042 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 59 Resp: 7198

Ion	Ratio	Lower	Upper
59	100		
41	87.6	4.1	44.1#
43	51.7	0.0	37.3#

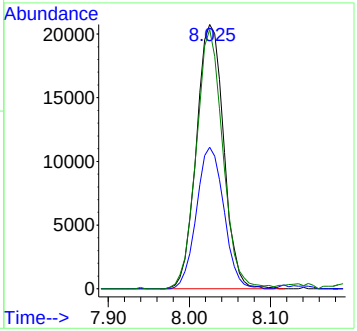


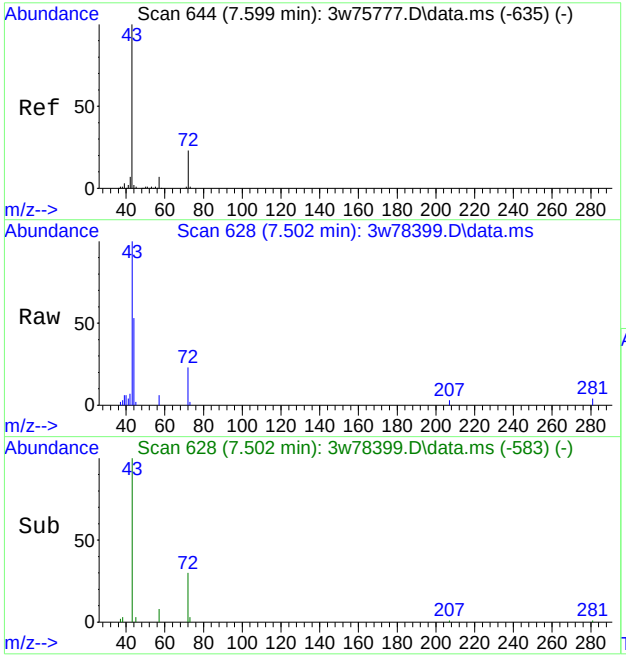


#38
HEXANE
Concen: 2.27 PPBV
RT: 8.025 min Scan# 714
Delta R.T. -0.067 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 57 Resp: 48469

Ion	Ratio	Lower	Upper
57	100		
56	53.8	34.8	74.8
41	95.6	116.4	156.4#

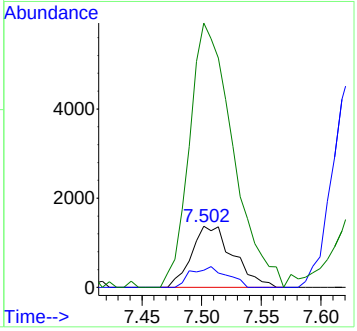


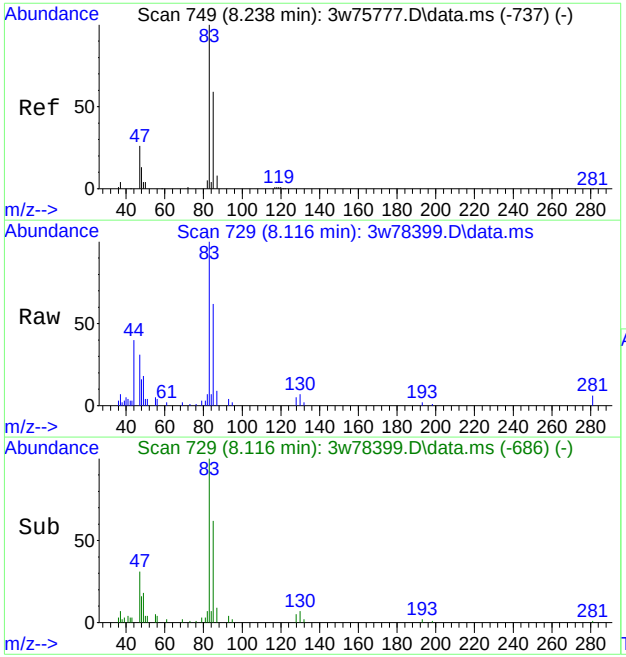


#41
METHYL ETHYL KETONE
Concen: 0.52 PPBV
RT: 7.502 min Scan# 628
Delta R.T. -0.054 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 72 Resp: 3329

Ion	Ratio	Lower	Upper
72	100		
57	27.8	10.2	50.2
43	432.0	431.2	471.2

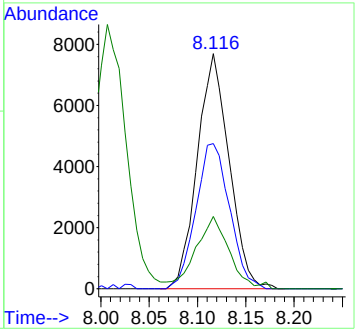


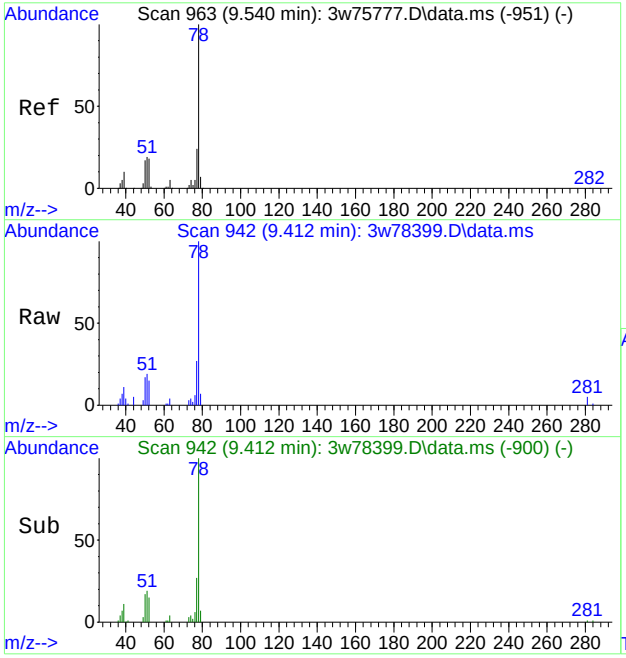


#46
CHLOROFORM
Concen: 0.57 PPBV
RT: 8.116 min Scan# 729
Delta R.T. -0.067 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 83 Resp: 17662

Ion	Ratio	Lower	Upper
83	100		
85	65.4	46.3	86.3
47	32.3	8.5	48.5

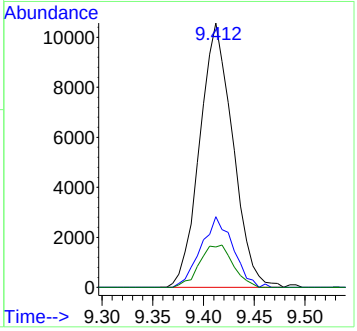


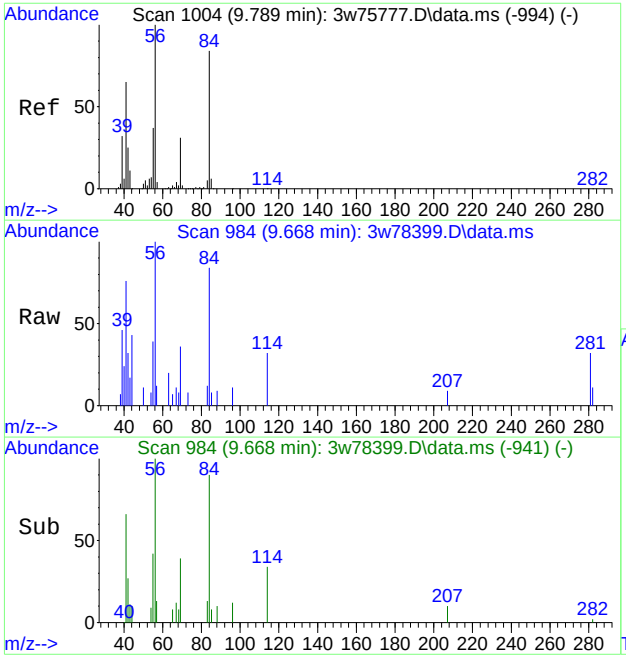


#52
BENZENE
Concen: 0.56 PPBV
RT: 9.412 min Scan# 942
Delta R.T. -0.073 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 78 Resp: 24000

Ion	Ratio	Lower	Upper
78	100		
77	26.1	4.0	44.0
52	16.3	0.0	36.8

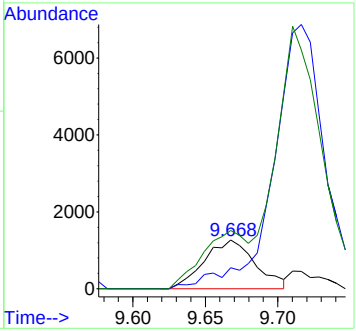


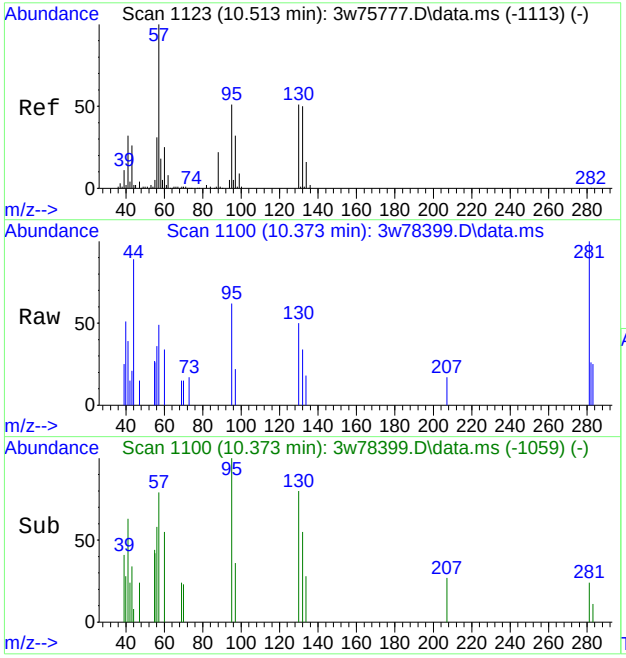


#53
CYCLOHEXANE
Concen: 0.16 PPBV
RT: 9.668 min Scan# 984
Delta R.T. -0.066 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 84 Resp: 3110

Ion	Ratio	Lower	Upper
84	100		
69	0.0	24.9	64.9#
56	105.0	106.4	146.4#

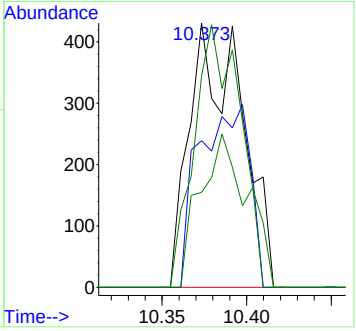


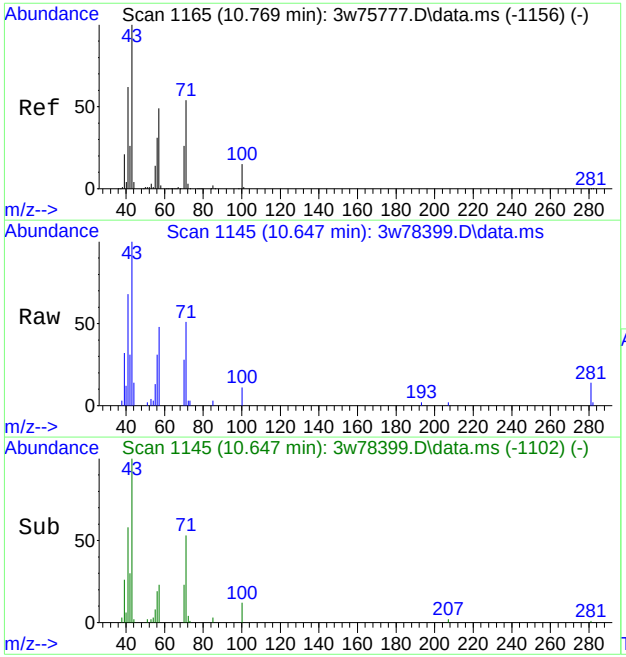


#55
TRICHLOROETHYLENE
Concen: 0.05 PPBV
RT: 10.373 min Scan# 1100
Delta R.T. -0.079 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 95 Resp: 926

Ion	Ratio	Lower	Upper
95	100		
132	0.0	75.6	115.6#
130	91.7	78.7	118.7
97	48.3	43.8	83.8

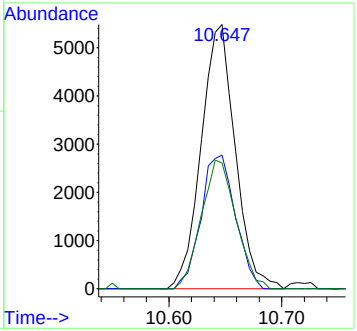


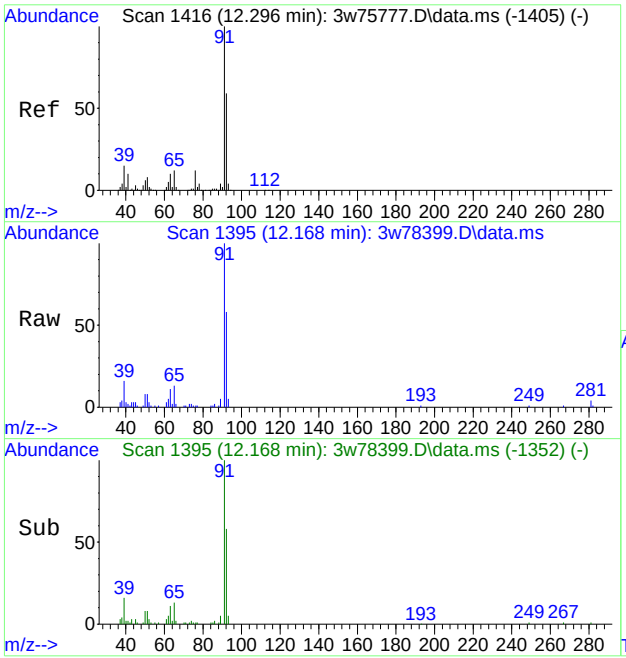


#62
HEPTANE
Concen: 0.40 PPBV
RT: 10.647 min Scan# 1145
Delta R.T. -0.067 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 43 Resp: 11530

Ion	Ratio	Lower	Upper
43	100		
71	51.1	30.7	70.7
57	49.6	25.8	65.8

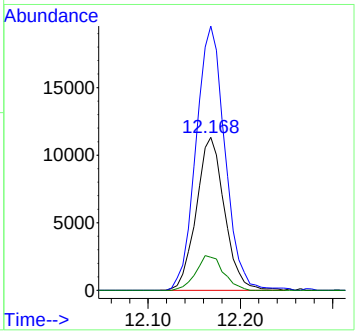


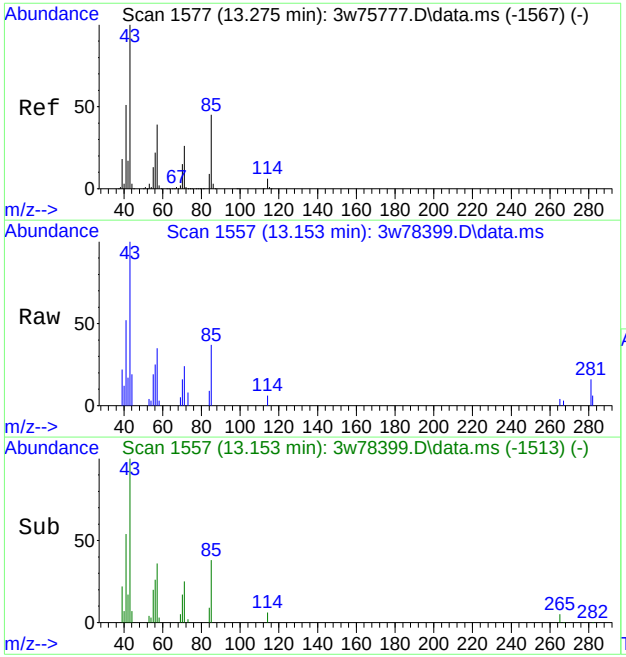


#66
TOLUENE
Concen: 0.78 PPBV
RT: 12.168 min Scan# 1395
Delta R.T. -0.067 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 92 Resp: 24104

Ion	Ratio	Lower	Upper
92	100		
91	177.3	153.5	193.5
65	22.1	3.3	43.3

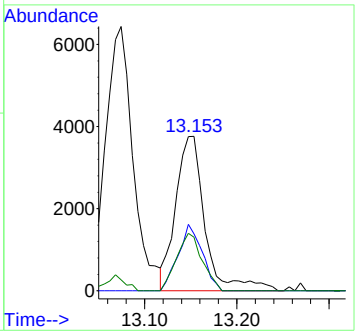


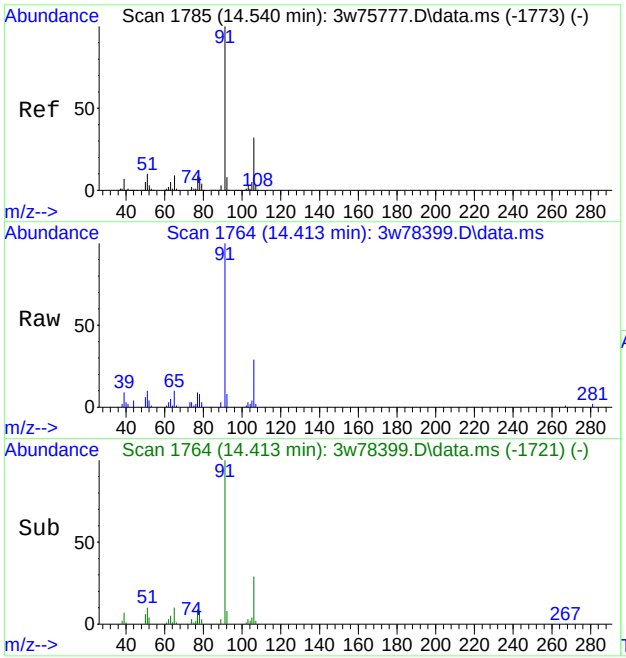


#76
OCTANE
Concen: 0.24 PPBV
RT: 13.153 min Scan# 1557
Delta R.T. -0.061 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 43 Resp: 8305

Ion	Ratio	Lower	Upper
43	100		
85	35.5	19.7	59.7
57	32.8	14.8	54.8

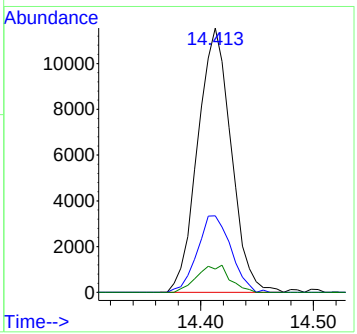


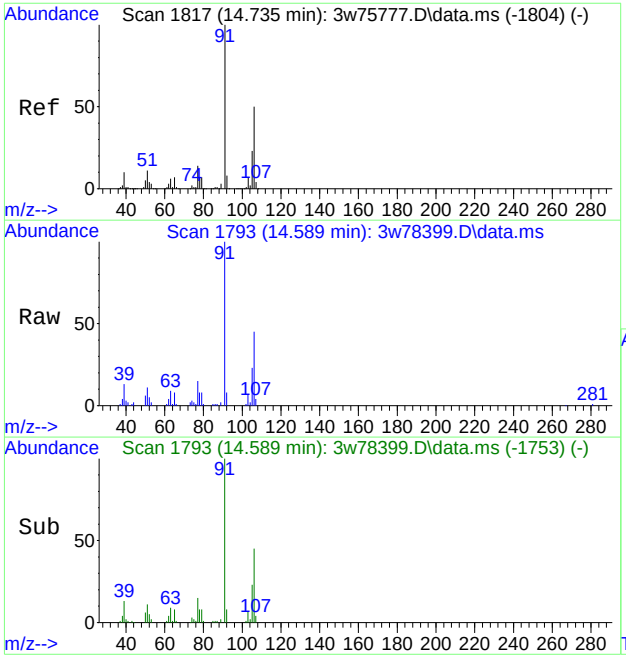


#79
ETHYLBENZENE
Concen: 0.37 PPBV
RT: 14.413 min Scan# 1764
Delta R.T. -0.066 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion: 91 Resp: 23784

Ion	Ratio	Lower	Upper
91	100		
106	29.2	11.5	51.5
77	10.1	0.0	28.9

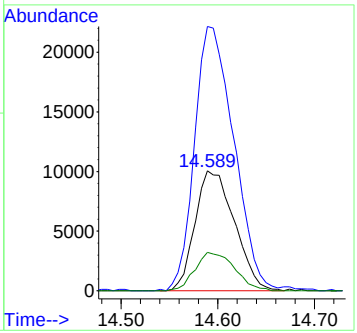


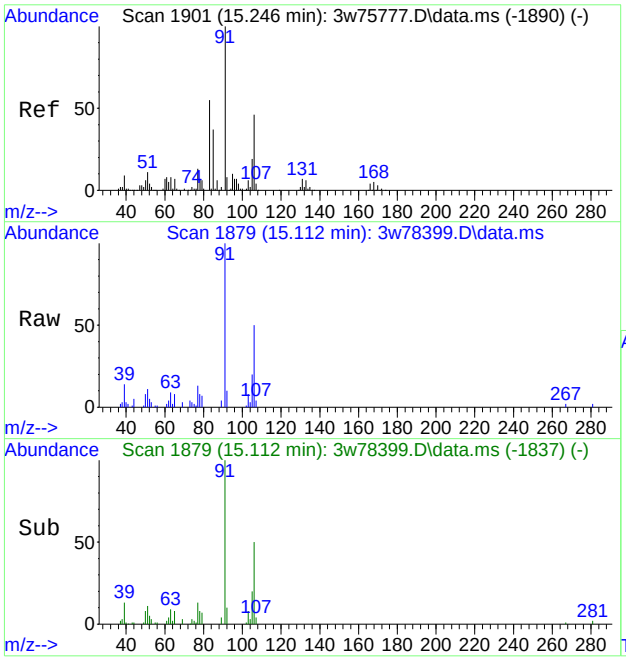


#80
m,p-XYLENE
Concen: 1.16 PPBV
RT: 14.589 min Scan# 1793
Delta R.T. -0.085 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion:106 Resp: 28596

Ion	Ratio	Lower	Upper
106	100		
91	220.5	182.9	222.9
77	32.1	8.2	48.2

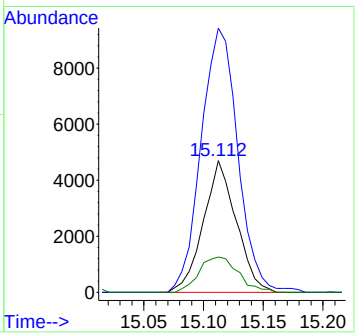


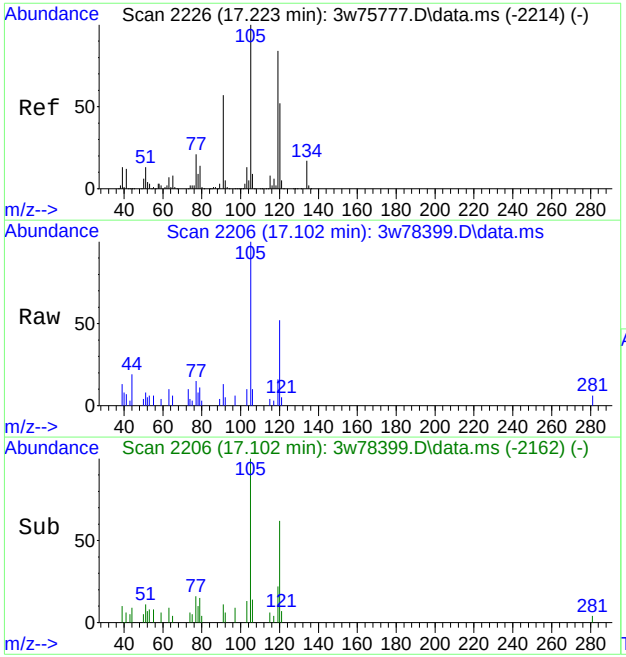


#81
o-XYLENE
Concen: 0.38 PPBV
RT: 15.112 min Scan# 1879
Delta R.T. -0.073 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion:106 Resp: 9022

Ion	Ratio	Lower	Upper
106	100		
91	223.4	194.1	234.1
77	32.0	7.8	47.8

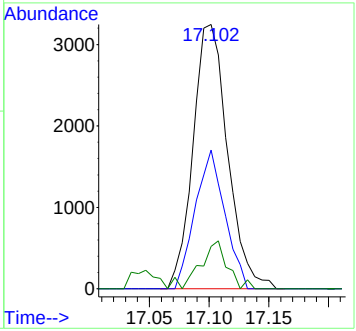


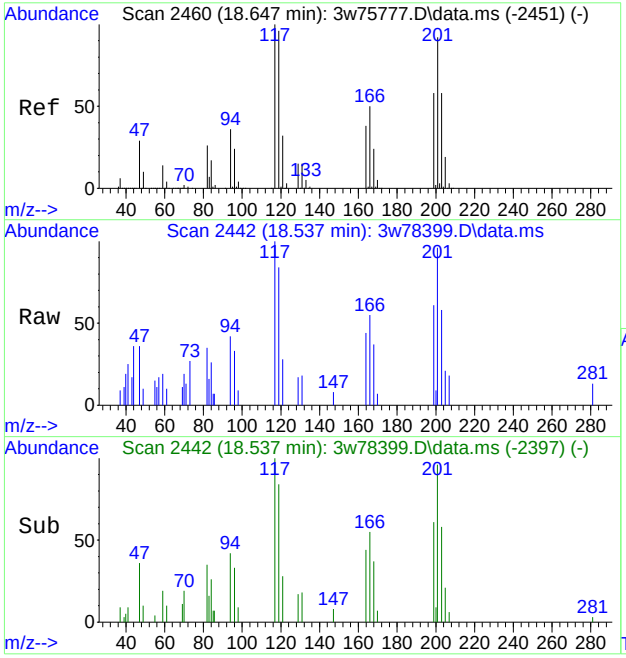


#96
1,2,4-TRIMETHYLBENZENE
Concen: 0.12 PPBV
RT: 17.102 min Scan# 2206
Delta R.T. -0.060 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion:105 Resp: 6534

Ion	Ratio	Lower	Upper
105	100		
120	45.0	33.9	73.9
119	13.6	84.2	124.2#

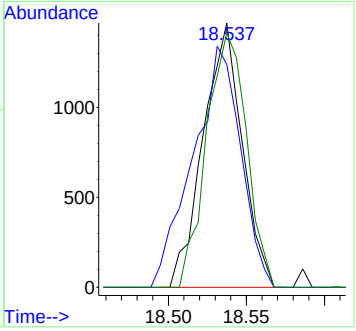




#105
HEXACHLOROETHANE
Concen: 0.10 PPBV
RT: 18.537 min Scan# 2442
Delta R.T. -0.055 min
Lab File: 3w78399.D
Acq: 14 Dec 2022 2:04 am

Tgt Ion:117 Resp: 2551

Ion	Ratio	Lower	Upper
117	100		
119	111.3	76.2	114.4
201	98.7	69.9	104.9



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78400.D
Acq On : 14 Dec 2022 2:45 am
Operator : thomash
Sample : jd56955-2
Misc : MS64733,V3W3087,100,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 17:16:09 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

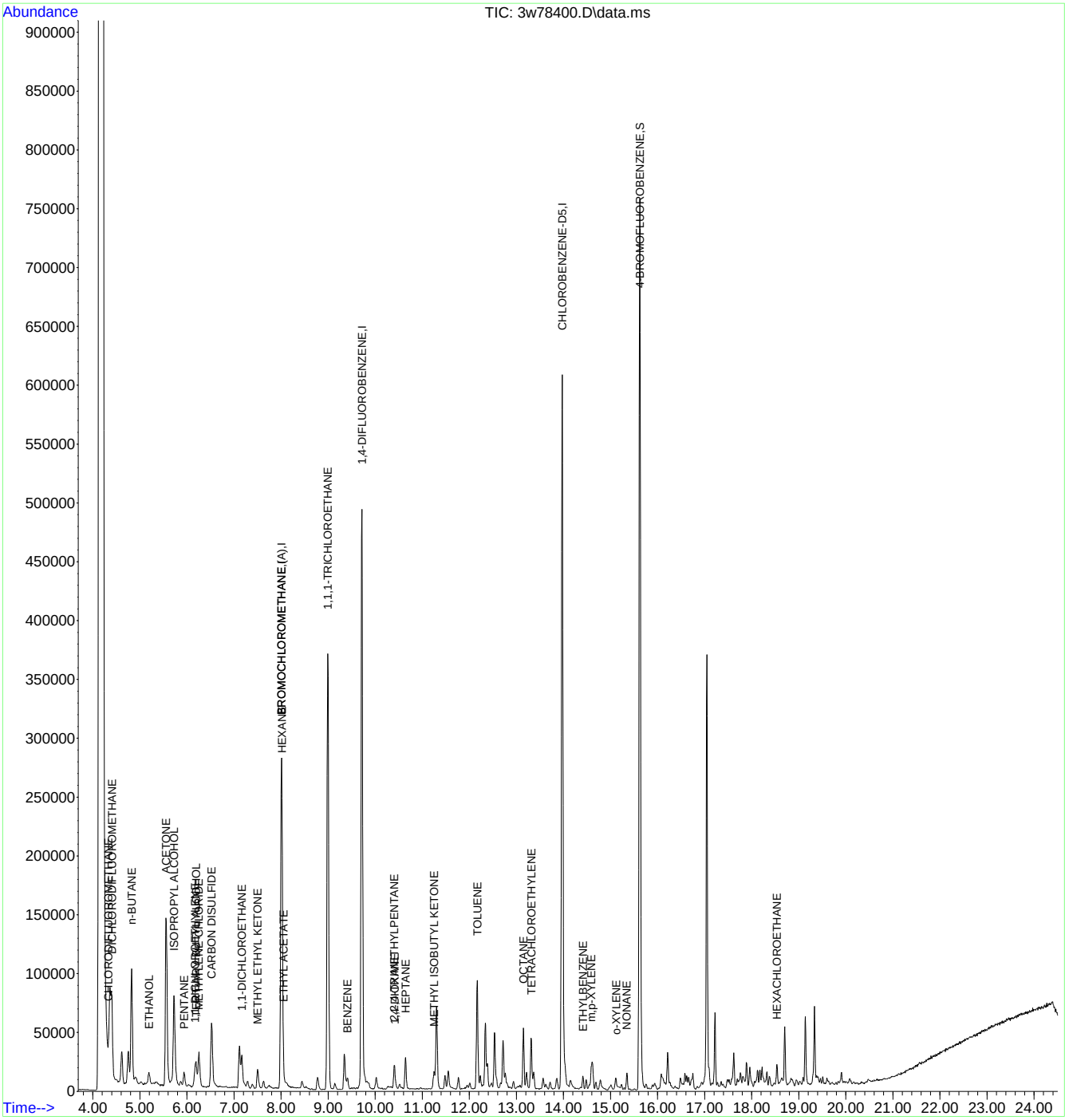
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.007	128	88459	10.00	PPBV		-0.07
51) 1,4-DIFLUOROBENZENE	9.716	114	439987	10.00	PPBV		-0.07
70) CHLOROBENZENE-D5	13.975	82	233263	10.00	PPBV		-0.07
109) BROMOCHLOROMETHANE (A)	8.007	128	88459	10.00	PPBV		-0.07
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.623	95	275794	10.13	PPBV		-0.07
Spiked Amount 10.000	Range 65 - 128		Recovery = 101.30%				
Target Compounds							Qvalue
4) CHLORODIFLUOROMETHANE	4.326	67	694	0.17	PPBV	#	41
6) DICHLORODIFLUOROMETHANE	4.405	85	83508	1.95	PPBV		98
13) n-BUTANE	4.825	43	107868	4.79	PPBV		99
22) ISOPROPYL ALCOHOL	5.725	45	123481	4.31	PPBV		93
23) ACETONE	5.555	58	56410	8.38	PPBV	#	90
24) PENTANE	5.944	42	5898	0.37	PPBV		94
26) 1,1-DICHLOROETHYLENE	6.169	96	5602	0.44	PPBV		91
27) CARBON DISULFIDE	6.522	76	117371	3.07	PPBV		96
28) ETHANOL	5.196	45	17620	2.81	PPBV		92
31) METHYLENE CHLORIDE	6.248	84	15417	1.22	PPBV		99
35) TERTIARY BUTYL ALCOHOL	6.194	59	20957	0.69	PPBV		82
38) HEXANE	8.019	57	14502	0.70	PPBV	#	78
40) 1,1-DICHLOROETHANE	7.167	63	30383	1.22	PPBV		97
41) METHYL ETHYL KETONE	7.502	72	5728	0.92	PPBV	#	84
44) ETHYL ACETATE	8.049	61	1250	0.28	PPBV	#	90
48) 1,1,1-TRICHLOROETHANE	8.992	97	284498	8.93	PPBV		99
52) BENZENE	9.412	78	8023	0.19	PPBV		97
60) 2,2,4-TRIMETHYLPENTANE	10.403	57	8609	0.13	PPBV		97
61) 1,4-DIOXANE	10.416	88	11670	1.32	PPBV	#	1
62) HEPTANE	10.647	43	12832	0.46	PPBV		99
64) METHYL ISOBUTYL KETONE	11.249	58	3411	0.28	PPBV	#	73
66) TOLUENE	12.168	92	43117	1.44	PPBV		99
73) TETRACHLOROETHYLENE	13.317	164	11321	0.53	PPBV		98
76) OCTANE	13.147	43	24018	0.65	PPBV		94
79) ETHYLBENZENE	14.413	91	9491	0.14	PPBV		98
80) m,p-XYLENE	14.589	106	8167	0.31	PPBV		92
81) o-XYLENE	15.118	106	2736	0.11	PPBV	#	84
83) NONANE	15.343	43	6832	0.18	PPBV		96
105) HEXACHLOROETHANE	18.537	117	2805	0.10	PPBV	#	81

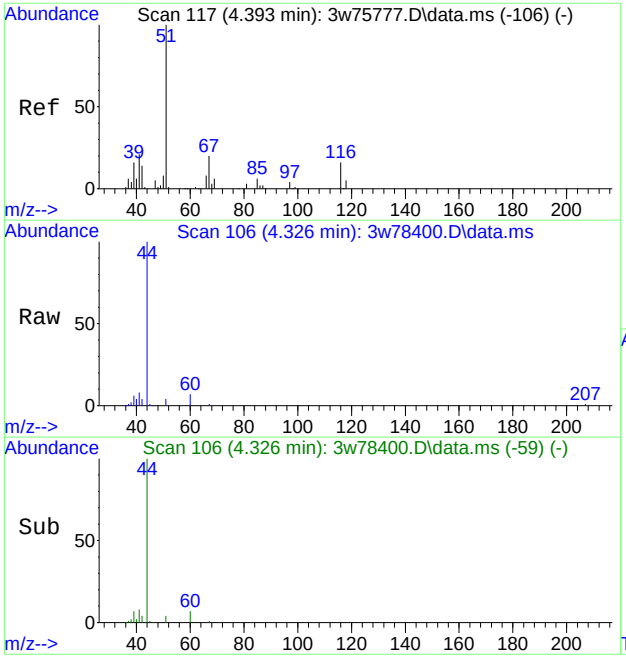
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78400.D
Acq On : 14 Dec 2022 2:45 am
Operator : thomash
Sample : jd56955-2
Misc : MS64733,V3W3087,100,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 17:16:09 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

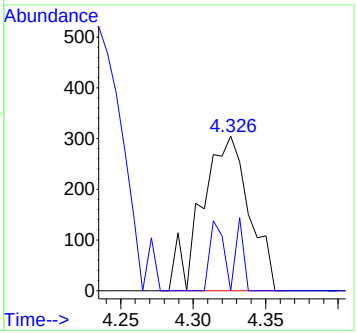


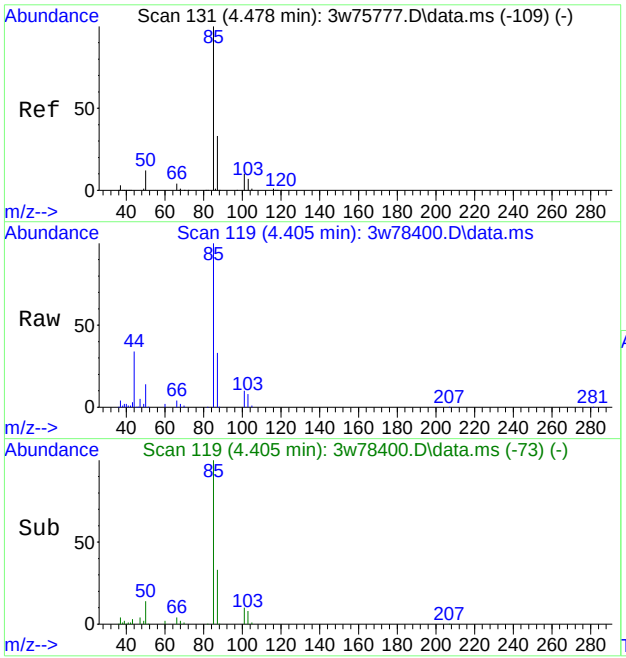


#4
CHLORODIFLUOROMETHANE
Concen: 0.17 PPBV
RT: 4.326 min Scan# 106
Delta R.T. -0.043 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 67 Resp: 694

Ion	Ratio	Lower	Upper
67	100		
69	0.0	14.1	54.1#

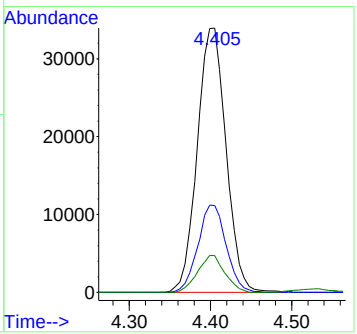


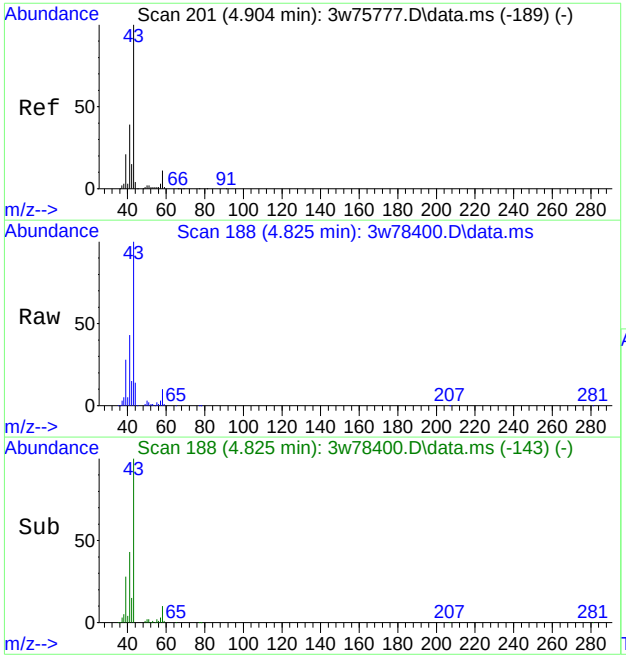


#6
DICHLORODIFLUOROMETHANE
Concen: 1.95 PPBV
RT: 4.405 min Scan# 119
Delta R.T. -0.049 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 85 Resp: 83508

Ion	Ratio	Lower	Upper
85	100		
87	32.4	12.0	52.0
50	13.3	0.0	30.7

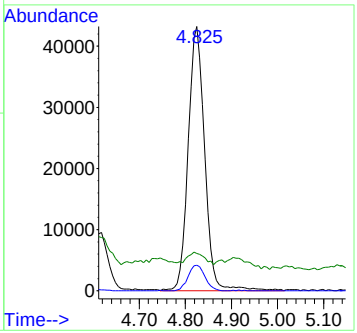


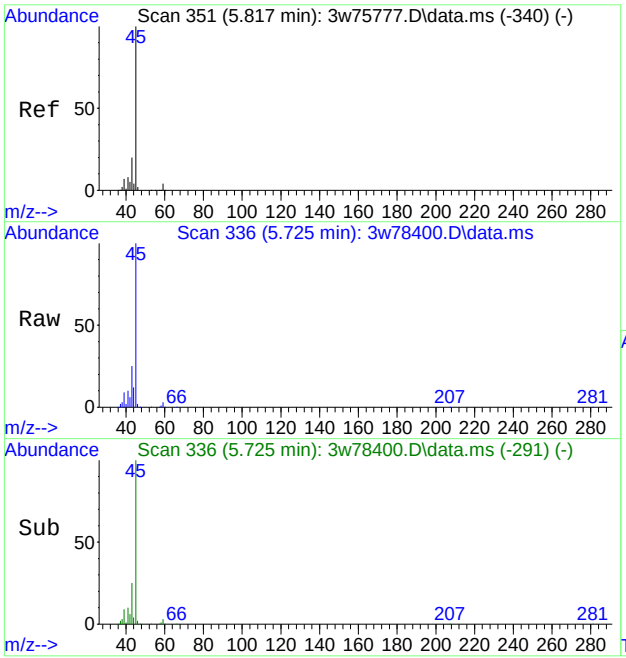


#13
n-BUTANE
Concen: 4.79 PPBV
RT: 4.825 min Scan# 188
Delta R.T. -0.055 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 43 Resp: 107868

Ion	Ratio	Lower	Upper
43	100		
58	9.9	0.0	30.1
44	4.5	0.0	23.9

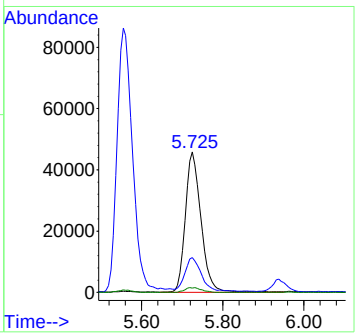


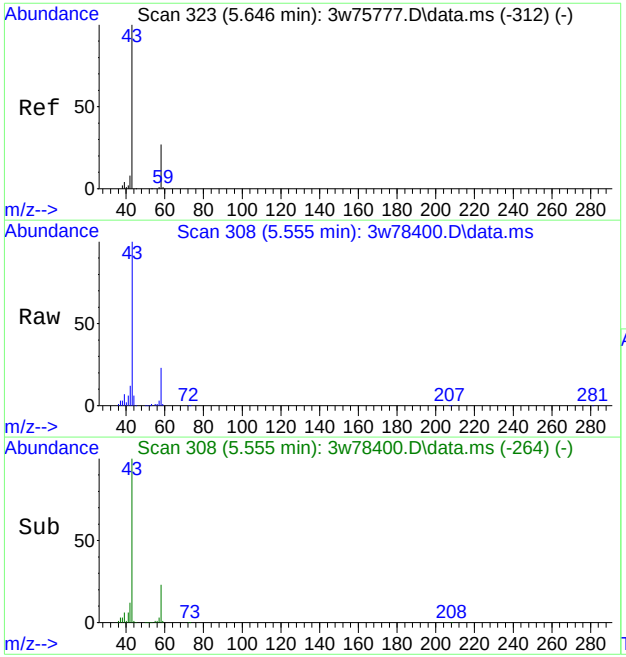


#22
ISOPROPYL ALCOHOL
Concen: 4.31 PPBV
RT: 5.725 min Scan# 336
Delta R.T. -0.055 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 45 Resp: 123481

Ion	Ratio	Lower	Upper
45	100		
43	24.8	1.0	41.0
59	3.0	0.0	23.6

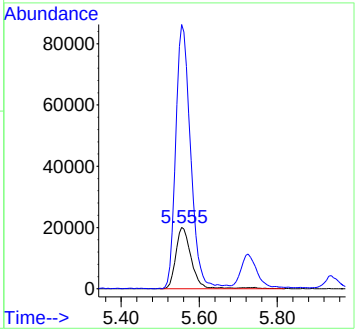


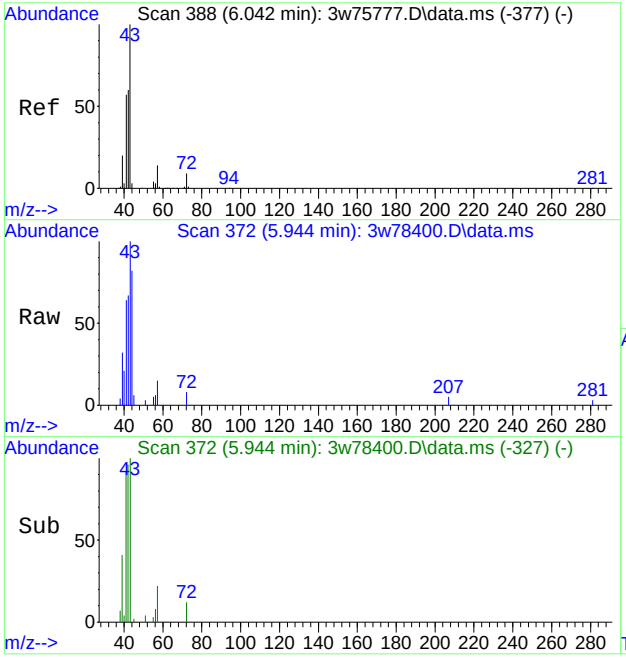


#23
ACETONE
Concen: 8.38 PPBV
RT: 5.555 min Scan# 308
Delta R.T. -0.061 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 58 Resp: 56410

Ion	Ratio	Lower	Upper
58	100		
43	408.6	365.9	405.9#

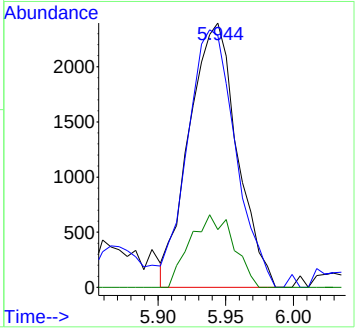


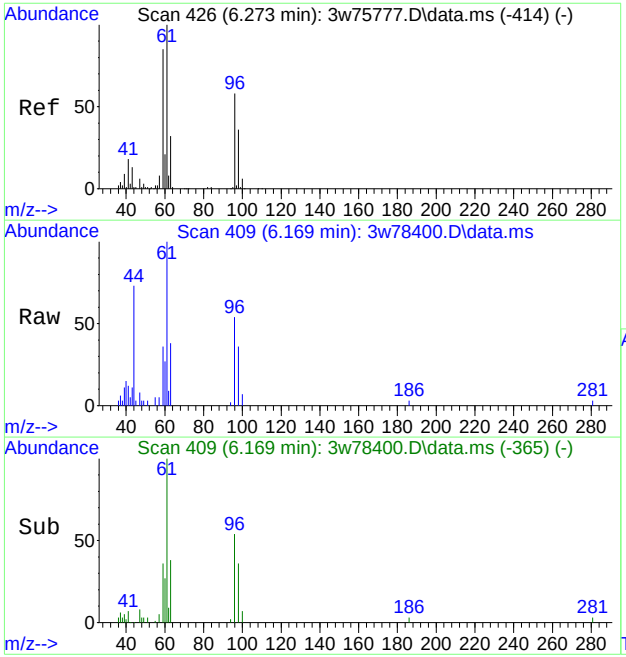


#24
PENTANE
Concen: 0.37 PPBV
RT: 5.944 min Scan# 372
Delta R.T. -0.055 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 42 Resp: 5898

Ion	Ratio	Lower	Upper
42	100		
41	97.3	72.1	112.1
57	25.1	1.5	41.5

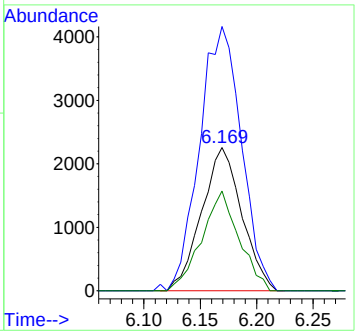


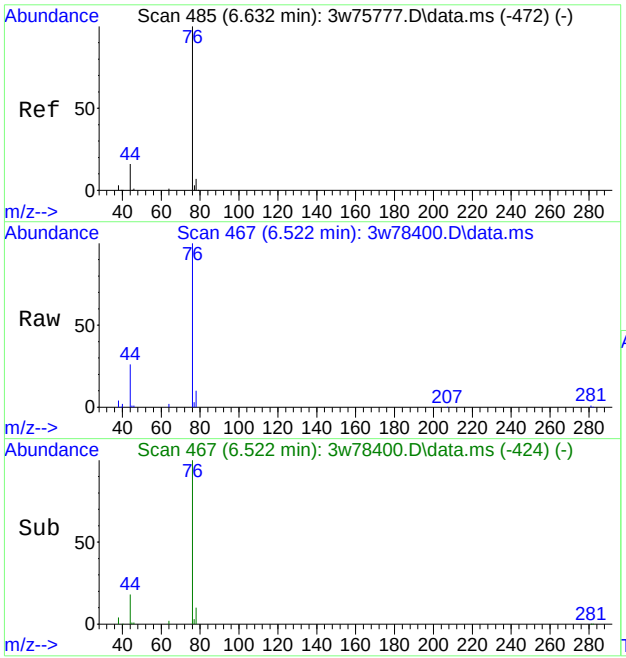


#26
1,1-DICHLOROETHYLENE
Concen: 0.44 PPBV
RT: 6.169 min Scan# 409
Delta R.T. -0.061 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 96 Resp: 5602

Ion	Ratio	Lower	Upper
96	100		
61	192.2	157.9	197.9
63	64.7	39.3	79.3

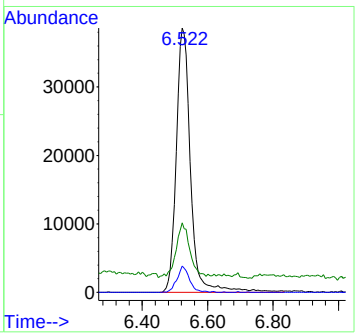


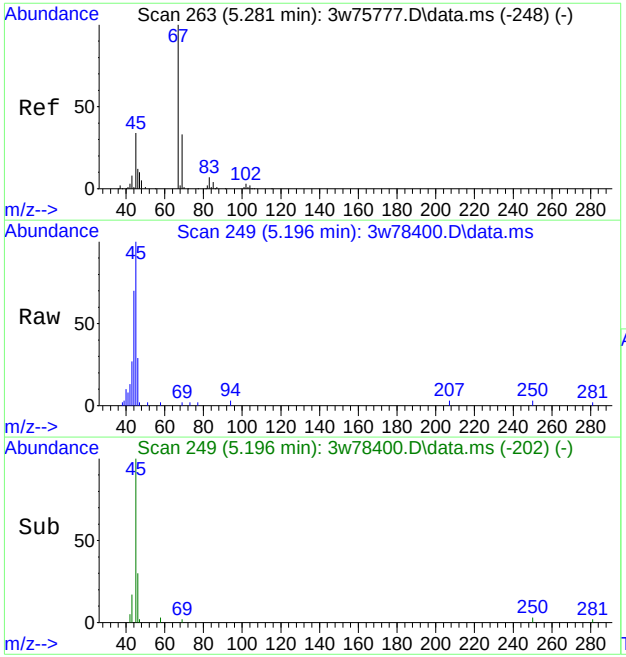


#27
CARBON DISULFIDE
Concen: 3.07 PPBV
RT: 6.522 min Scan# 467
Delta R.T. -0.067 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 76 Resp: 117371

Ion	Ratio	Lower	Upper
76	100		
78	8.6	0.0	28.9
44	20.4	0.0	37.9

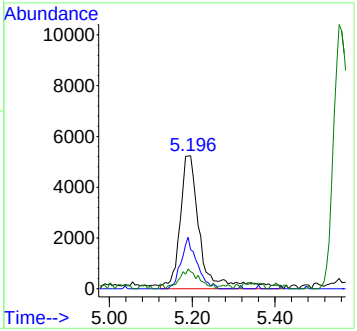


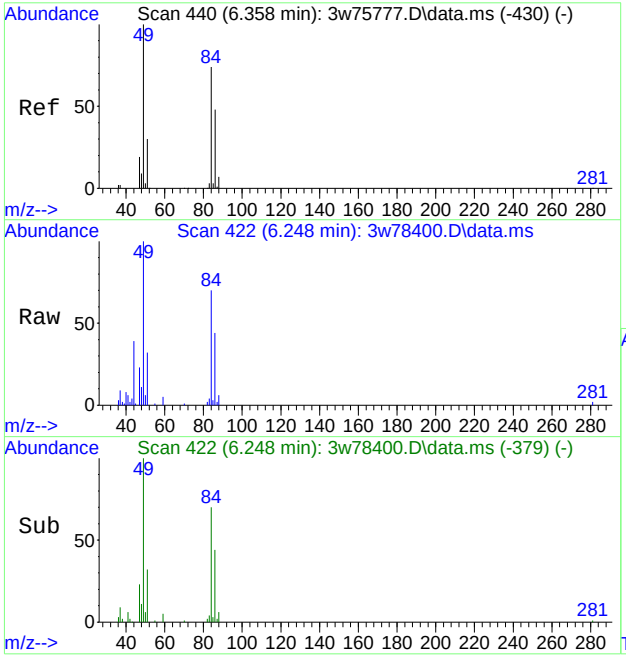


#28
ETHANOL
Concen: 2.81 PPBV
RT: 5.196 min Scan# 249
Delta R.T. -0.042 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 45 Resp: 17620

Ion	Ratio	Lower	Upper
45	100		
46	30.1	14.0	54.0
42	14.3	0.0	30.3

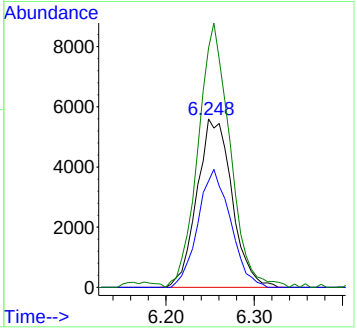


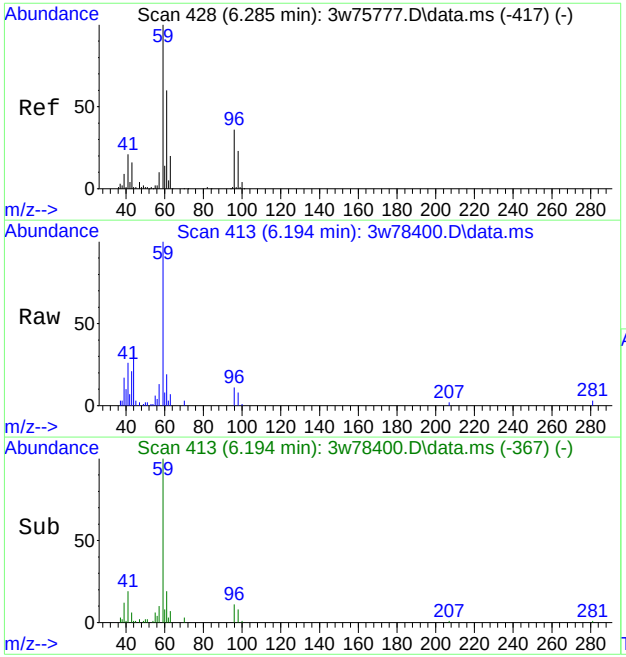


#31
METHYLENE CHLORIDE
Concen: 1.22 PPBV
RT: 6.248 min Scan# 422
Delta R.T. -0.067 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 84 Resp: 15417

Ion	Ratio	Lower	Upper
84	100		
86	65.3	45.6	85.6
49	143.2	0.0	345.4

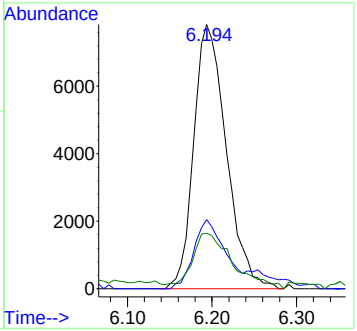


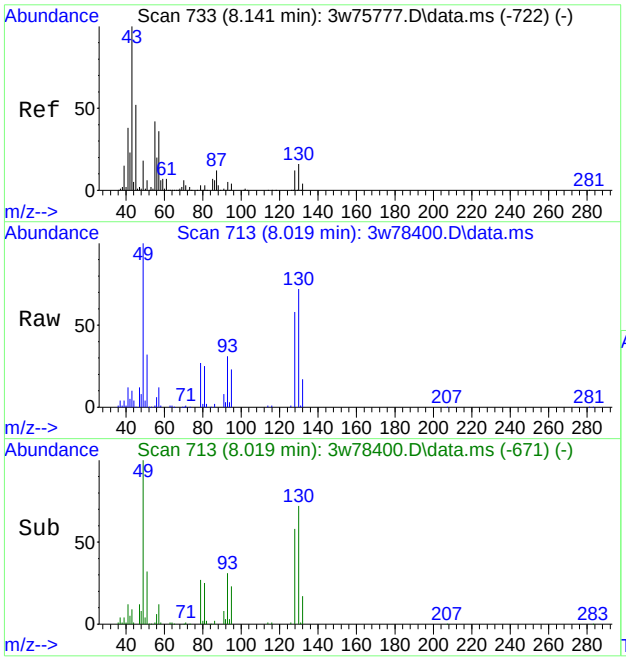


#35
TERTIARY BUTYL ALCOHOL
Concen: 0.69 PPBV
RT: 6.194 min Scan# 413
Delta R.T. -0.048 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 59 Resp: 20957

Ion	Ratio	Lower	Upper
59	100		
41	32.3	4.1	44.1
43	25.7	0.0	37.3

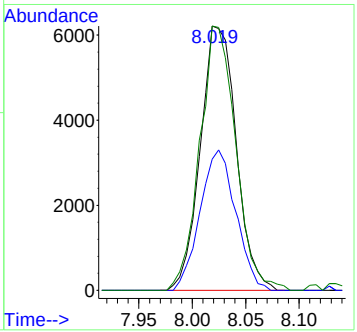


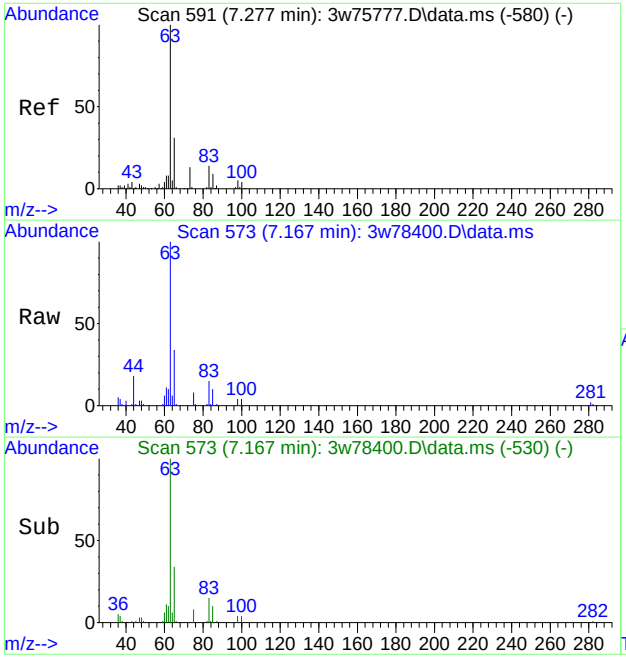


#38
HEXANE
Concen: 0.70 PPBV
RT: 8.019 min Scan# 713
Delta R.T. -0.073 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 57 Resp: 14502

Ion	Ratio	Lower	Upper
57	100		
56	52.9	34.8	74.8
41	100.2	116.4	156.4#

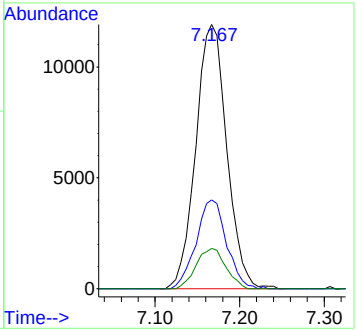


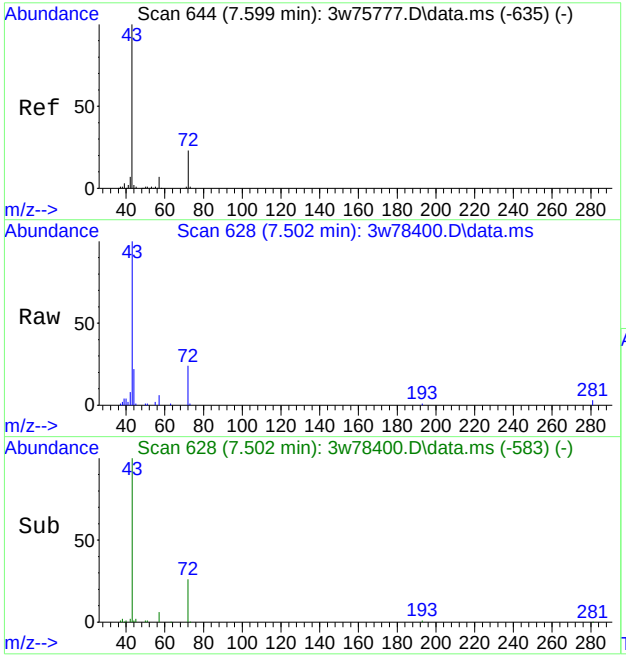


#40
1,1-DICHLOROETHANE
Concen: 1.22 PPBV
RT: 7.167 min Scan# 573
Delta R.T. -0.067 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 63 Resp: 30383

Ion	Ratio	Lower	Upper
63	100		
65	33.0	11.6	51.6
83	14.6	0.0	33.3

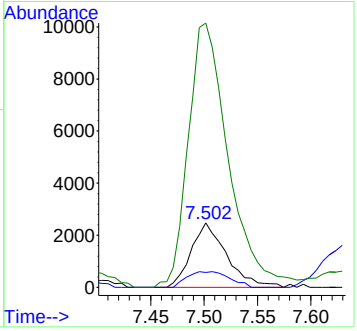


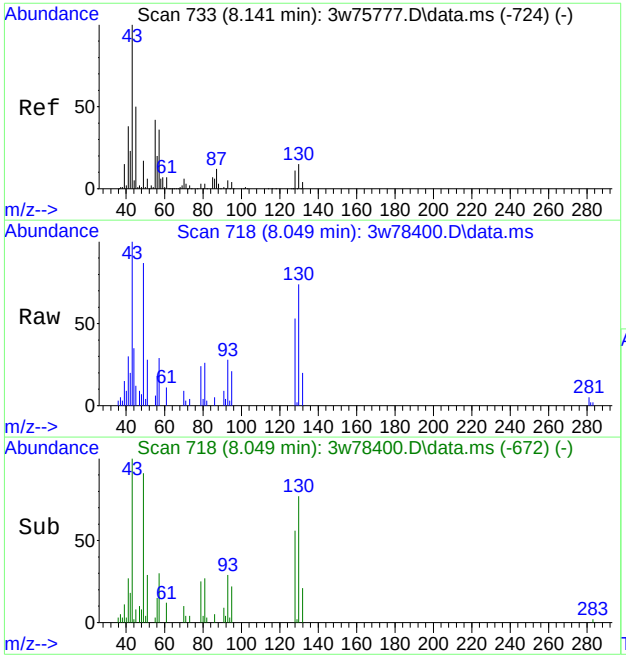


#41
METHYL ETHYL KETONE
Concen: 0.92 PPBV
RT: 7.502 min Scan# 628
Delta R.T. -0.054 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 72 Resp: 5728

Ion	Ratio	Lower	Upper
72	100		
57	23.2	10.2	50.2
43	410.0	431.2	471.2#

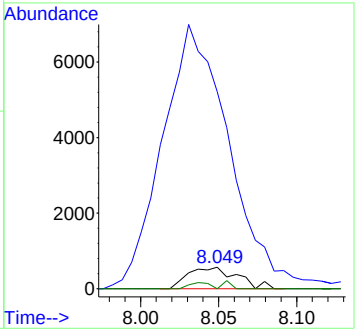


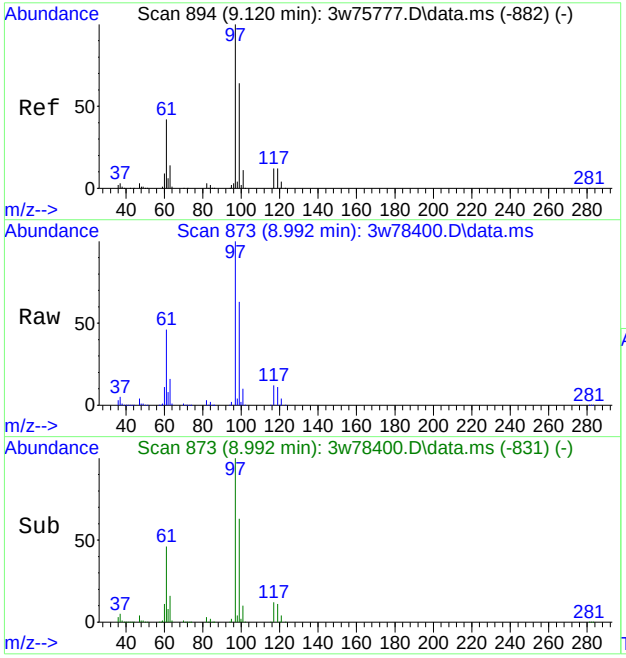


#44
ETHYL ACETATE
Concen: 0.28 PPBV
RT: 8.049 min Scan# 718
Delta R.T. -0.049 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 61 Resp: 1250

Ion	Ratio	Lower	Upper
61	100		
43	1673.7	1714.3	1754.3#
88	12.1	20.4	60.4#

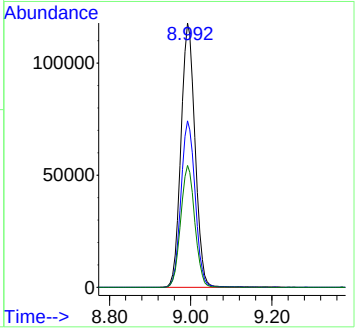


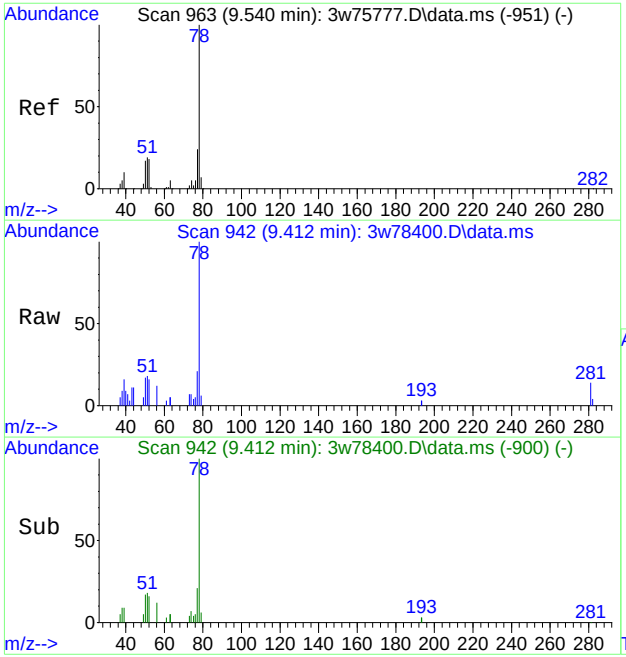


#48
1,1,1-TRICHLOROETHANE
Concen: 8.93 PPBV
RT: 8.992 min Scan# 873
Delta R.T. -0.073 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 97 Resp: 284498

Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.8	83.8
61	46.2	25.6	65.6

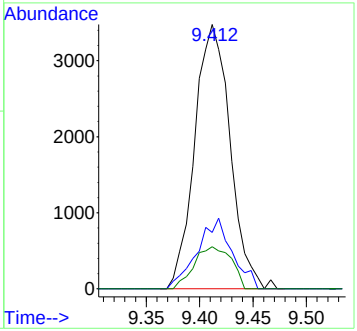


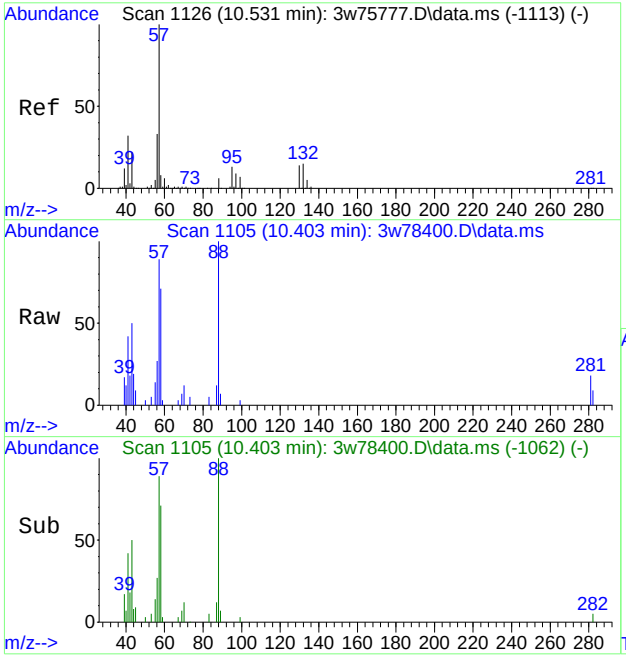


#52
BENZENE
Concen: 0.19 PPBV
RT: 9.412 min Scan# 942
Delta R.T. -0.073 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 78 Resp: 8023

Ion	Ratio	Lower	Upper
78	100		
77	26.4	4.0	44.0
52	16.7	0.0	36.8

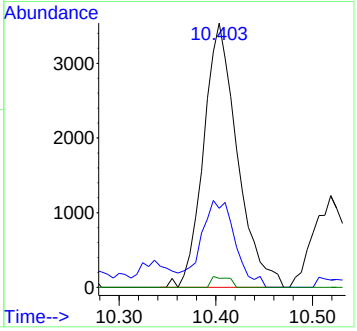


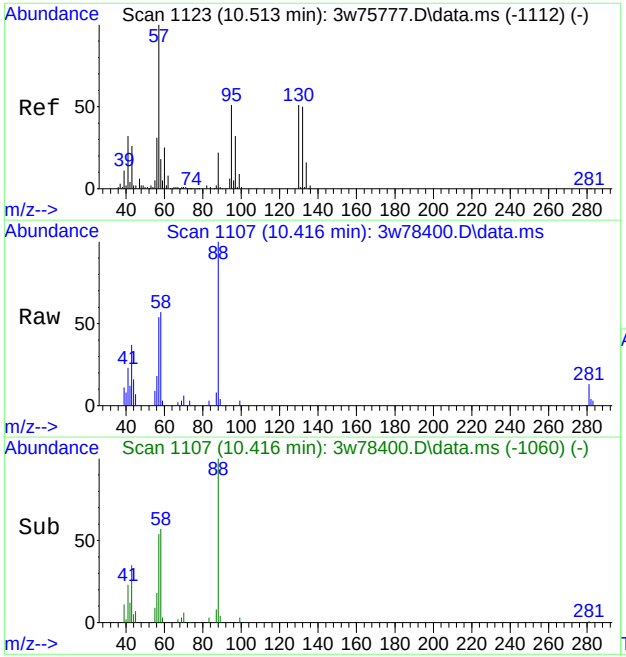


#60
2,2,4-TRIMETHYLPENTANE
Concen: 0.13 PPBV
RT: 10.403 min Scan# 1105
Delta R.T. -0.067 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 57 Resp: 8609

Ion	Ratio	Lower	Upper
57	100		
56	32.8	13.0	53.0
99	2.2	0.0	27.7

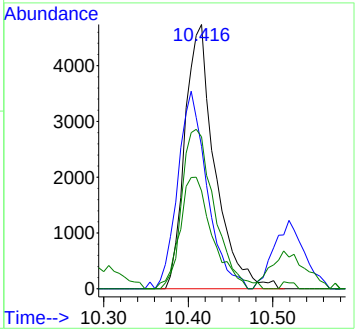


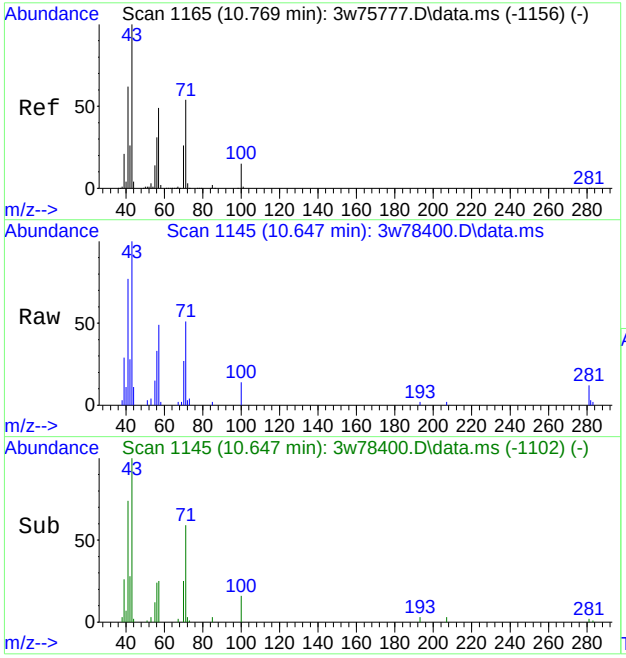


#61
1,4-DIOXANE
Concen: 1.32 PPBV
RT: 10.416 min Scan# 1107
Delta R.T. -0.042 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 88 Resp: 11670

Ion	Ratio	Lower	Upper
88	100		
57	53.9	578.0	618.0#
58	57.4	75.8	115.8#
43	37.1	141.7	181.7#

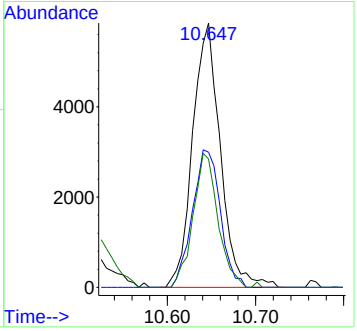


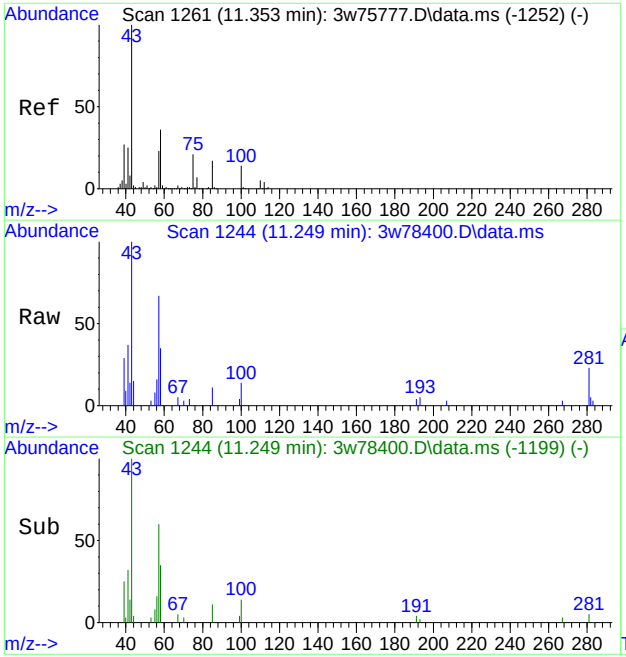


#62
HEPTANE
Concen: 0.46 PPBV
RT: 10.647 min Scan# 1145
Delta R.T. -0.067 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 43 Resp: 12832

Ion	Ratio	Lower	Upper
43	100		
71	52.1	30.7	70.7
57	45.5	25.8	65.8

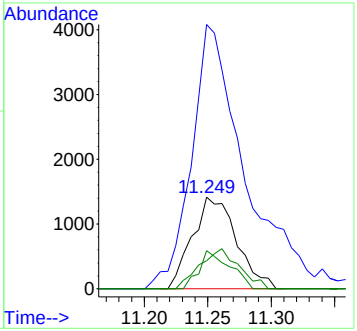


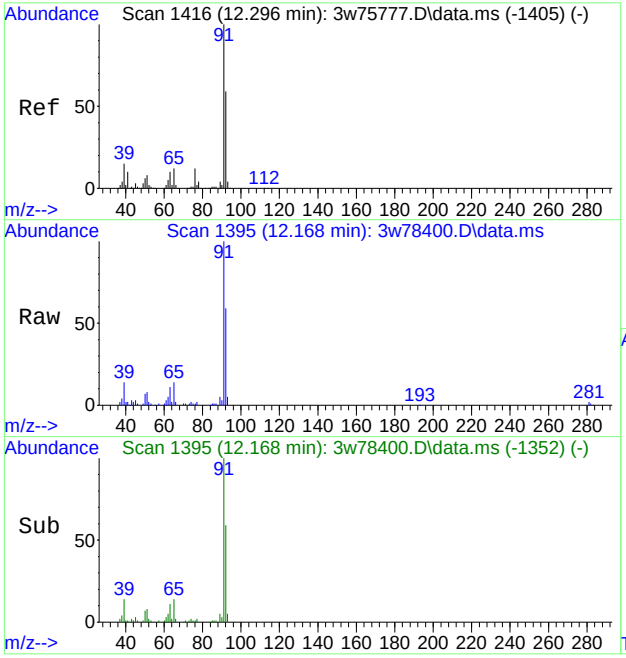


#64
METHYL ISOBUTYL KETONE
Concen: 0.28 PPBV
RT: 11.249 min Scan# 1244
Delta R.T. -0.055 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 58 Resp: 3411

Ion	Ratio	Lower	Upper
58	100		
43	354.6	272.5	312.5#
100	28.9	14.5	54.5
85	39.0	24.7	64.7

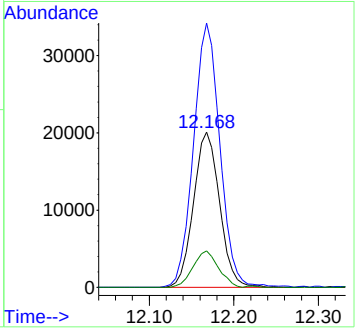


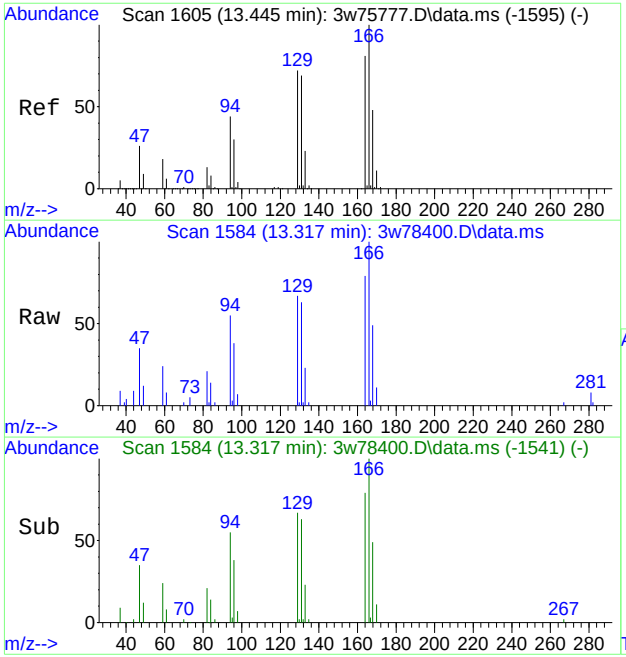


#66
TOLUENE
Concen: 1.44 PPBV
RT: 12.168 min Scan# 1395
Delta R.T. -0.067 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 92 Resp: 43117

Ion	Ratio	Lower	Upper
92	100		
91	172.3	153.5	193.5
65	22.9	3.3	43.3

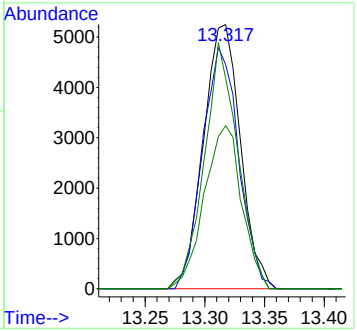


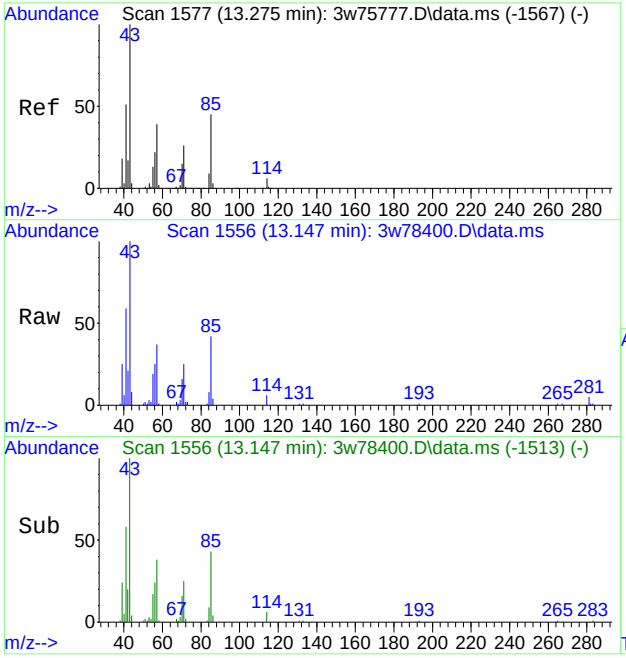


#73
TETRACHLOROETHYLENE
Concen: 0.53 PPBV
RT: 13.317 min Scan# 1584
Delta R.T. -0.067 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion:164 Resp: 11321

Ion	Ratio	Lower	Upper
164	100		
129	89.3	70.9	110.9
168	62.2	41.6	81.6
131	84.2	68.3	108.3

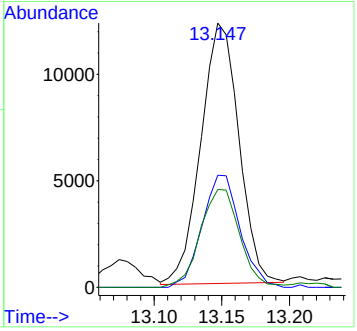


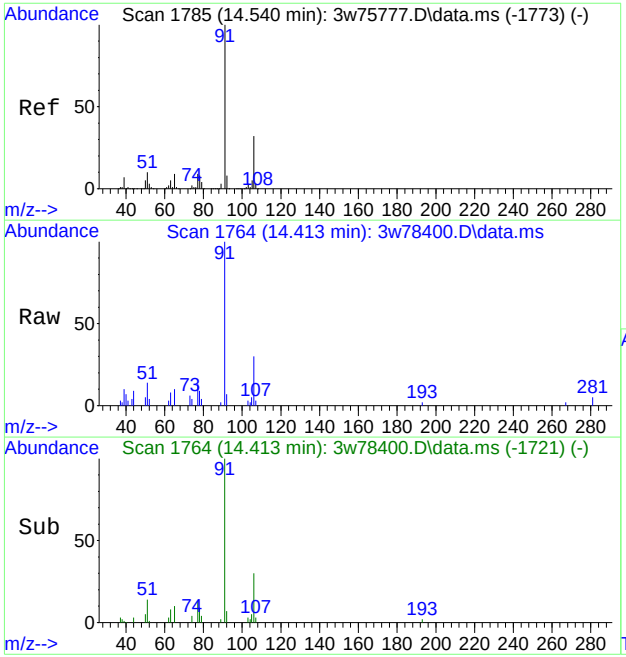


#76
OCTANE
Concen: 0.65 PPBV
RT: 13.147 min Scan# 1556
Delta R.T. -0.067 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 43 Resp: 24018

Ion	Ratio	Lower	Upper
43	100		
85	42.8	19.7	59.7
57	38.8	14.8	54.8

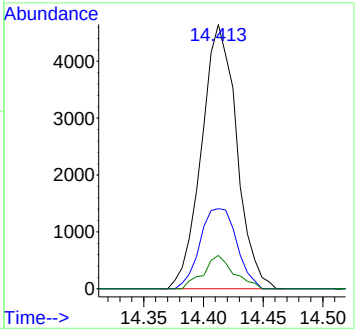


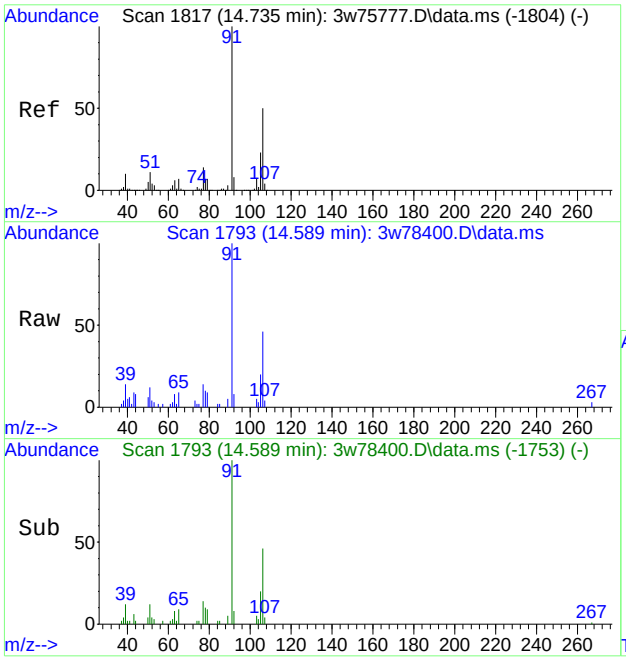


#79
ETHYLBENZENE
Concen: 0.14 PPBV
RT: 14.413 min Scan# 1764
Delta R.T. -0.066 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 91 Resp: 9491

Ion	Ratio	Lower	Upper
91	100		
106	31.7	11.5	51.5
77	10.9	0.0	28.9

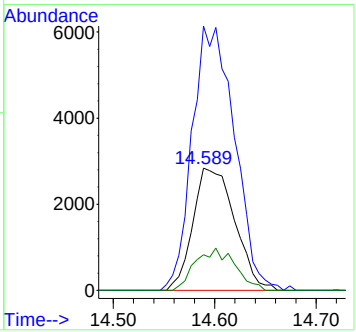


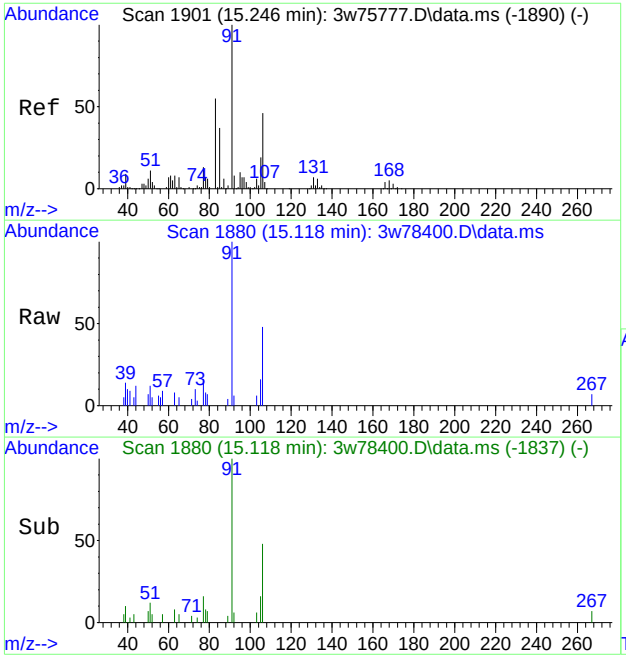


#80
m,p-XYLENE
Concen: 0.31 PPBV
RT: 14.589 min Scan# 1793
Delta R.T. -0.085 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion:106 Resp: 8167

Ion	Ratio	Lower	Upper
106	100		
91	216.3	182.9	222.9
77	29.3	8.2	48.2

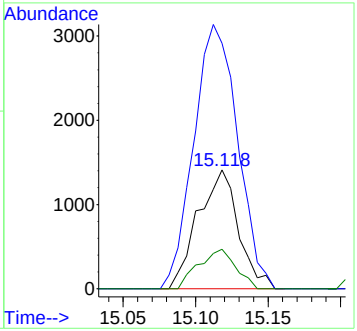


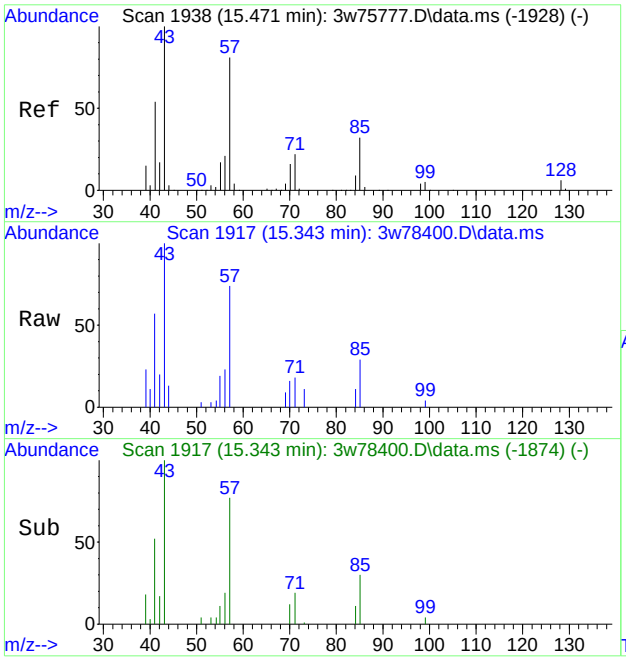


#81
o-XYLENE
Concen: 0.11 PPBV
RT: 15.118 min Scan# 1880
Delta R.T. -0.067 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion:106 Resp: 2736

Ion	Ratio	Lower	Upper
106	100		
91	241.8	194.1	234.1#
77	30.8	7.8	47.8

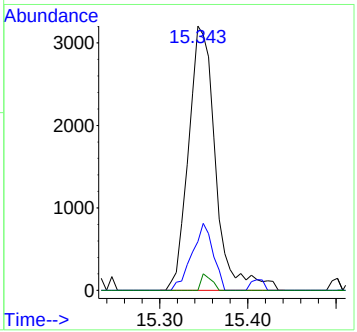


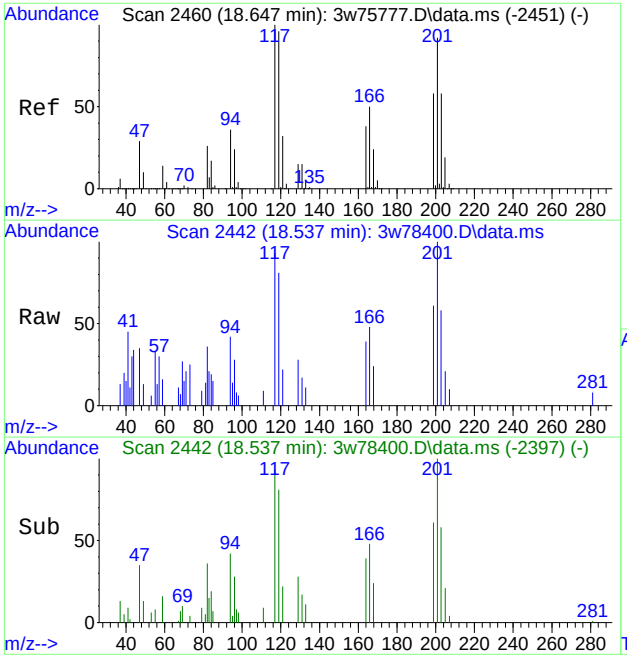


#83
NONANE
Concen: 0.18 PPBV
RT: 15.343 min Scan# 1917
Delta R.T. -0.067 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion: 43 Resp: 6832

Ion	Ratio	Lower	Upper
43	100		
71	20.0	1.4	41.4
128	2.4	0.0	24.6

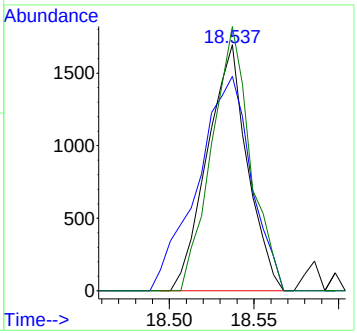




#105
HEXACHLOROETHANE
Concen: 0.10 PPBV
RT: 18.537 min Scan# 2442
Delta R.T. -0.055 min
Lab File: 3w78400.D
Acq: 14 Dec 2022 2:45 am

Tgt Ion:117 Resp: 2805

Ion	Ratio	Lower	Upper
117	100		
119	116.0	76.2	114.4#
201	103.5	69.9	104.9



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 12/15/22 21:12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78401.D
Acq On : 14 Dec 2022 3:33 am
Operator : thomash
Sample : jd56955-3
Misc : MS64733,V3W3087,500,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 17:19:34 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

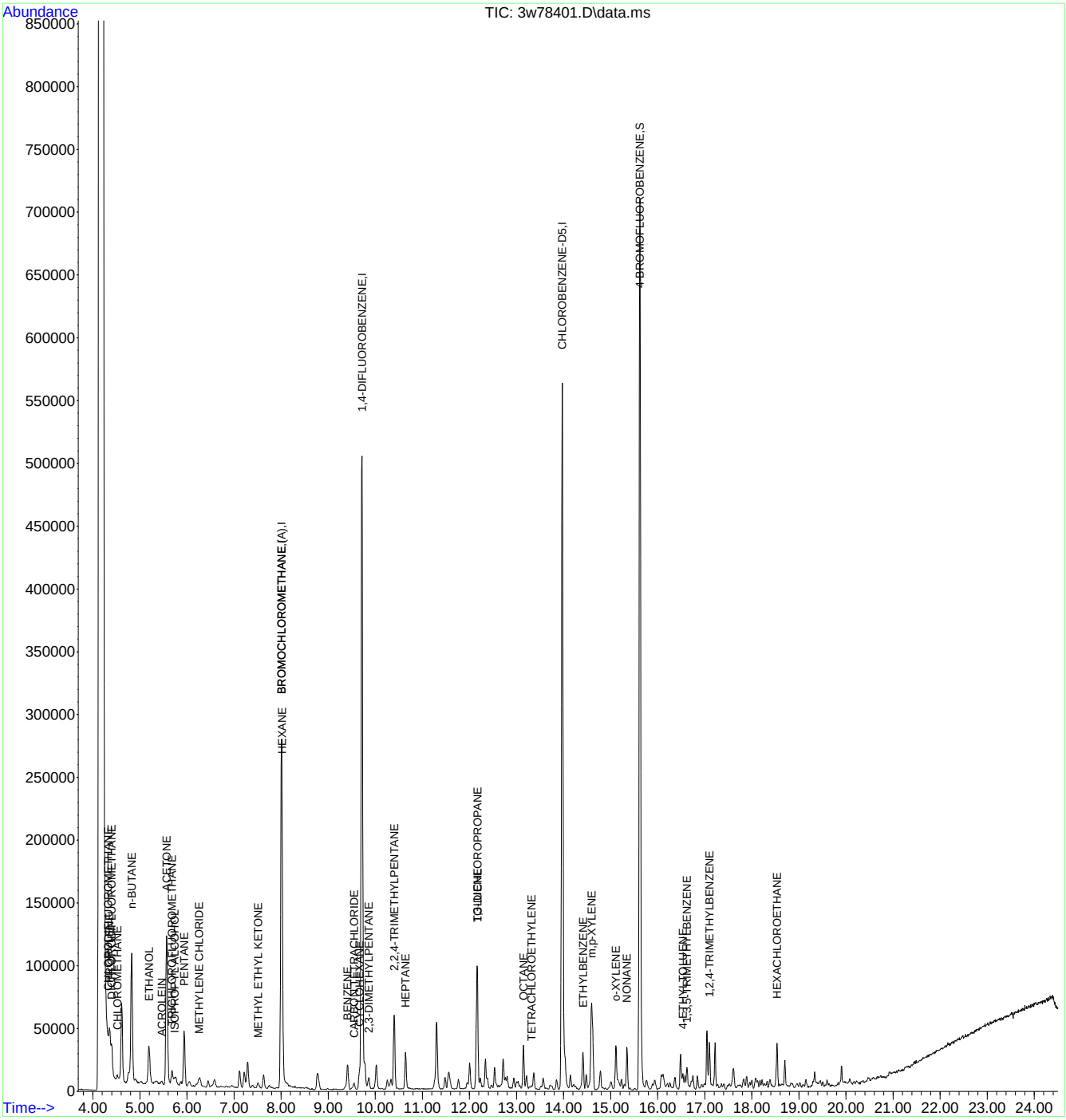
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.007	128	91679	10.00	PPBV		-0.07
51) 1,4-DIFLUOROBENZENE	9.716	114	454745	10.00	PPBV		-0.07
70) CHLOROBENZENE-D5	13.969	82	221973	10.00	PPBV		-0.07
109) BROMOCHLOROMETHANE (A)	8.007	128	91679	10.00	PPBV		-0.07
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.617	95	263424	10.17	PPBV		-0.07
Spiked Amount 10.000	Range 65 - 128		Recovery = 101.70%				
Target Compounds							Qvalue
4) CHLORODIFLUOROMETHANE	4.320	67	1525	0.36	PPBV		93
6) DICHLORODIFLUOROMETHANE	4.399	85	27147	0.61	PPBV		98
7) PROPYLENE	4.350	41	18586	1.42	PPBV		82
10) CHLOROMETHANE	4.521	52	2416	0.64	PPBV	#	51
13) n-BUTANE	4.825	43	115306	4.94	PPBV	#	96
18) ACROLEIN	5.464	56	3342	0.68	PPBV		91
21) TRICHLOROFLUOROMETHANE	5.683	101	12146	0.32	PPBV		97
22) ISOPROPYL ALCOHOL	5.737	45	10592	0.36	PPBV		93
23) ACETONE	5.567	58	12841	1.84	PPBV	#	1
24) PENTANE	5.938	42	22430	1.36	PPBV		94
28) ETHANOL	5.190	45	50860	7.82	PPBV		97
31) METHYLENE CHLORIDE	6.255	84	2999	0.23	PPBV		99
38) HEXANE	8.019	57	7908	0.37	PPBV	#	77
41) METHYL ETHYL KETONE	7.508	72	1531	0.24	PPBV		95
49) CARBON TETRACHLORIDE	9.552	117	3604	0.10	PPBV		96
52) BENZENE	9.412	78	19921	0.46	PPBV		97
53) CYCLOHEXANE	9.661	84	6239	0.32	PPBV	#	78
54) 2,3-DIMETHYLPENTANE	9.862	71	1416	0.15	PPBV	#	85
60) 2,2,4-TRIMETHYLPENTANE	10.404	57	48175	0.70	PPBV		90
62) HEPTANE	10.641	43	13144	0.45	PPBV		95
66) TOLUENE	12.168	92	42347	1.36	PPBV		99
67) 1,3-DICHLOROPROPANE	12.168	76	511	0.02	PPBV	#	1
73) TETRACHLOROETHYLENE	13.318	164	772	0.04	PPBV		86
76) OCTANE	13.147	43	15587	0.44	PPBV		94
79) ETHYLBENZENE	14.413	91	26169	0.40	PPBV		98
80) m,p-XYLENE	14.595	106	27339	1.10	PPBV		95
81) o-XYLENE	15.112	106	10680	0.45	PPBV		92
83) NONANE	15.343	43	14524	0.40	PPBV		98
92) 4-ETHYLTOLUENE	16.536	105	7131m	0.11	PPBV		
93) 1,3,5-TRIMETHYLBENZENE	16.621	105	5632	0.10	PPBV		92
96) 1,2,4-TRIMETHYLBENZENE	17.095	105	18185	0.32	PPBV	#	35
105) HEXACHLOROETHANE	18.537	117	6933	0.26	PPBV	#	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed

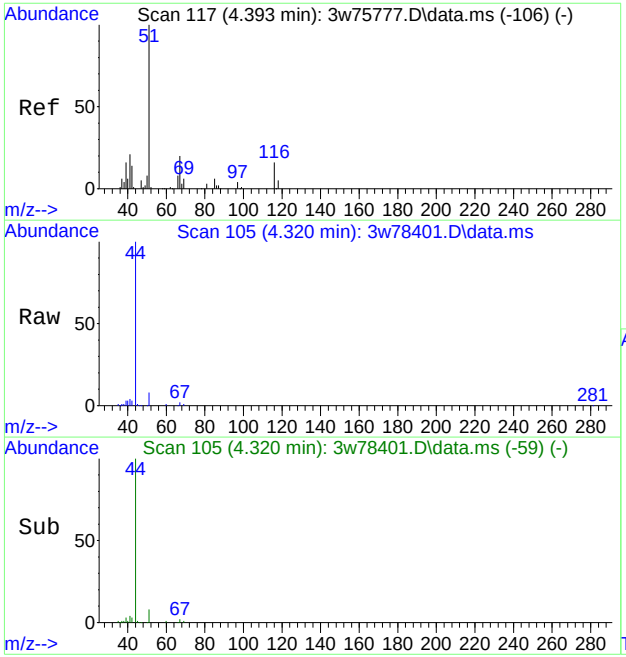
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78401.D
Acq On : 14 Dec 2022 3:33 am
Operator : thomash
Sample : jd56955-3
Misc : MS64733,V3W3087,500,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 17:19:34 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration



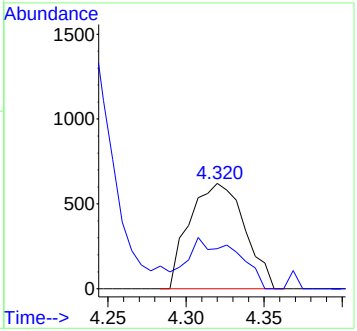
M3W3055.M Thu Dec 15 17:19:40 2022 Page: 2

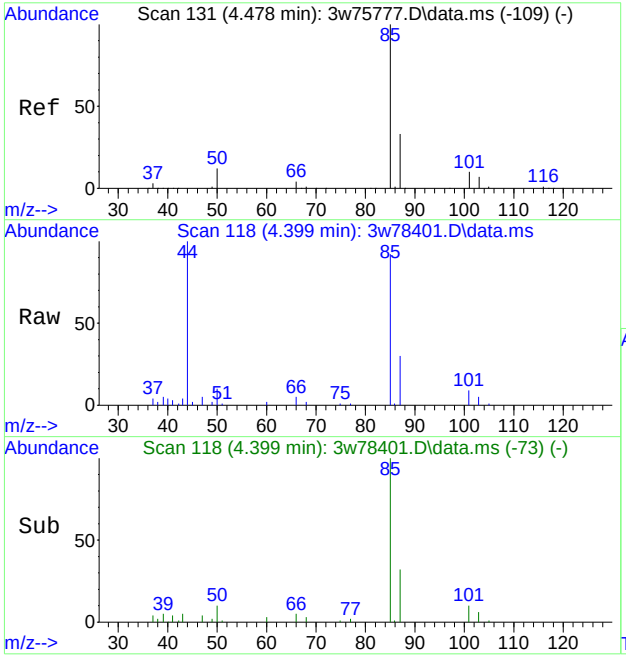


#4
CHLORODIFLUOROMETHANE
Concen: 0.36 PPBV
RT: 4.320 min Scan# 105
Delta R.T. -0.049 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 67 Resp: 1525

Ion	Ratio	Lower	Upper
67	100		
69	38.2	14.1	54.1

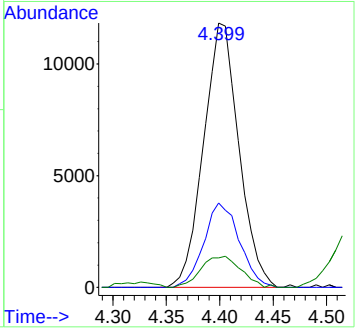


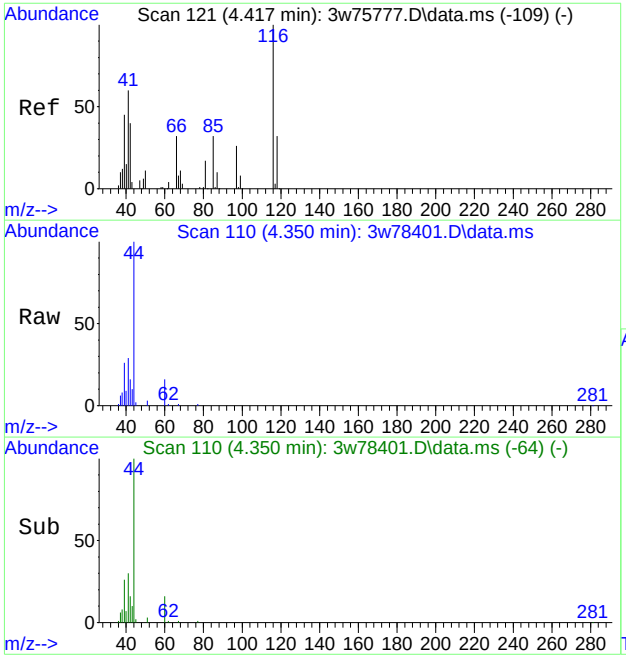


#6
DICHLORODIFLUOROMETHANE
Concen: 0.61 PPBV
RT: 4.399 min Scan# 118
Delta R.T. -0.055 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 85 Resp: 27147

Ion	Ratio	Lower	Upper
85	100		
87	32.2	12.0	52.0
50	13.4	0.0	30.7

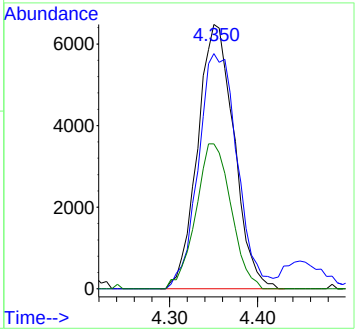


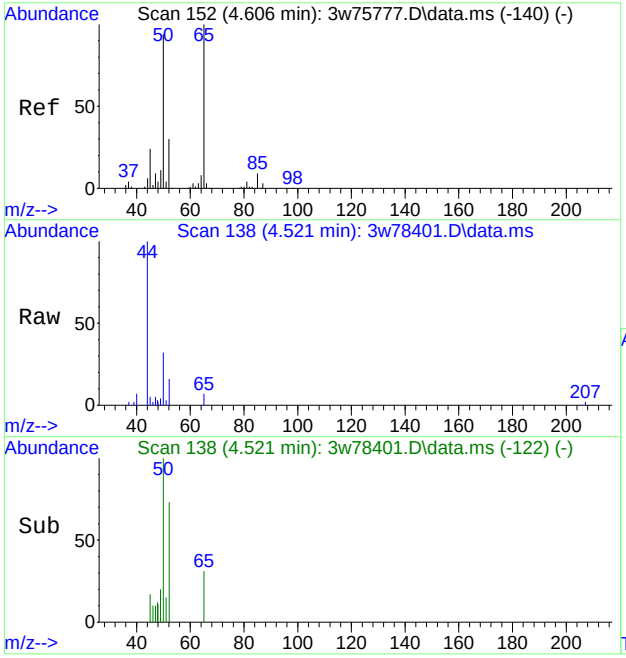


#7
PROPYLENE
Concen: 1.42 PPBV
RT: 4.350 min Scan# 110
Delta R.T. -0.049 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 41 Resp: 18586

Ion	Ratio	Lower	Upper
41	100		
39	94.9	57.2	97.2
42	53.1	44.8	84.8

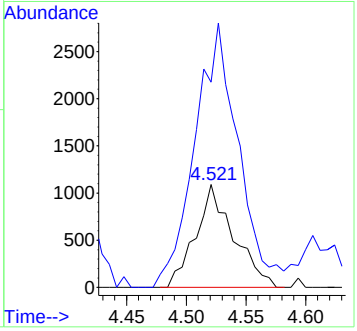


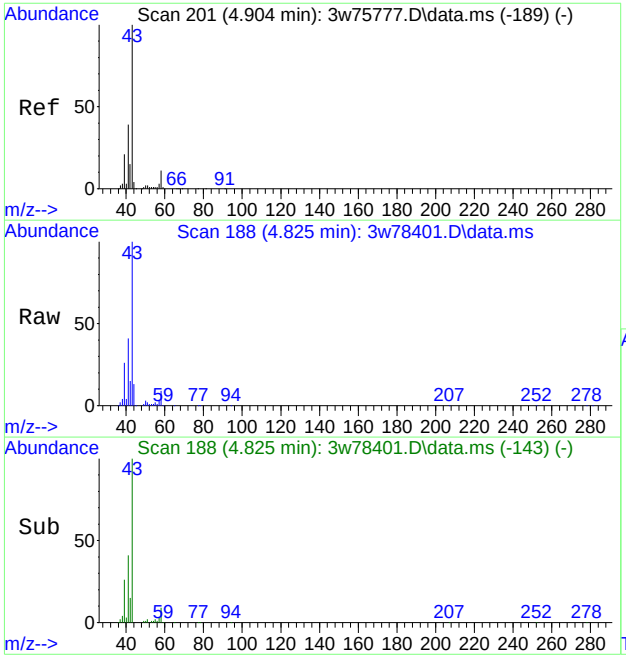


#10
CHLOROMETHANE
Concen: 0.64 PPBV
RT: 4.521 min Scan# 138
Delta R.T. -0.054 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 52 Resp: 2416

Ion	Ratio	Lower	Upper
52	100		
50	184.8	256.2	296.2#

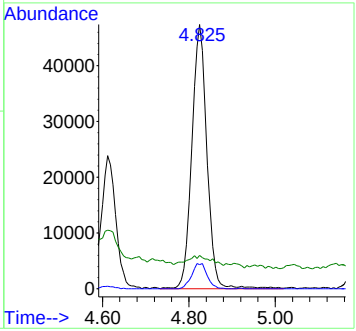


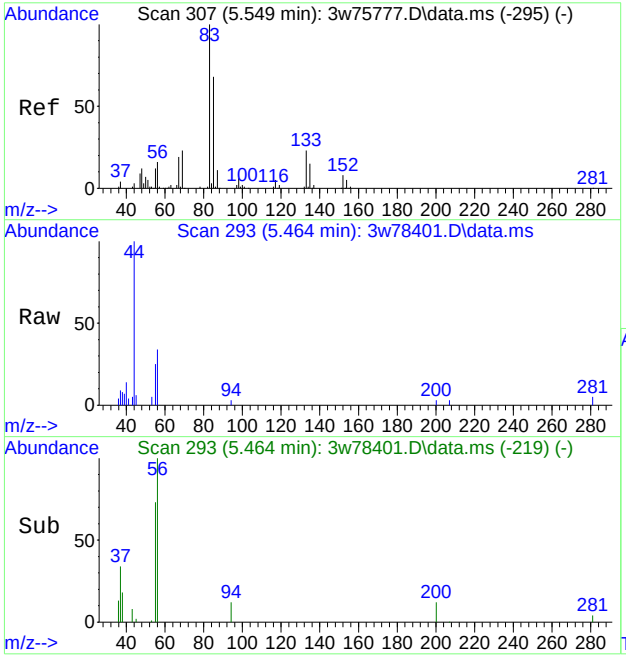


#13
n-BUTANE
Concen: 4.94 PPBV
RT: 4.825 min Scan# 188
Delta R.T. -0.055 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 43 Resp: 115306

Ion	Ratio	Lower	Upper
43	100		
58	9.8	0.0	30.1
44	0.0	0.0	23.9

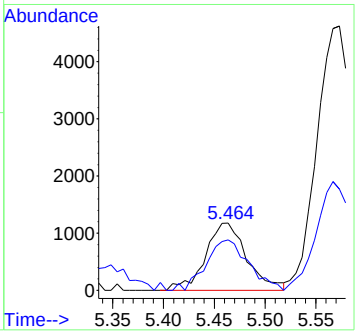


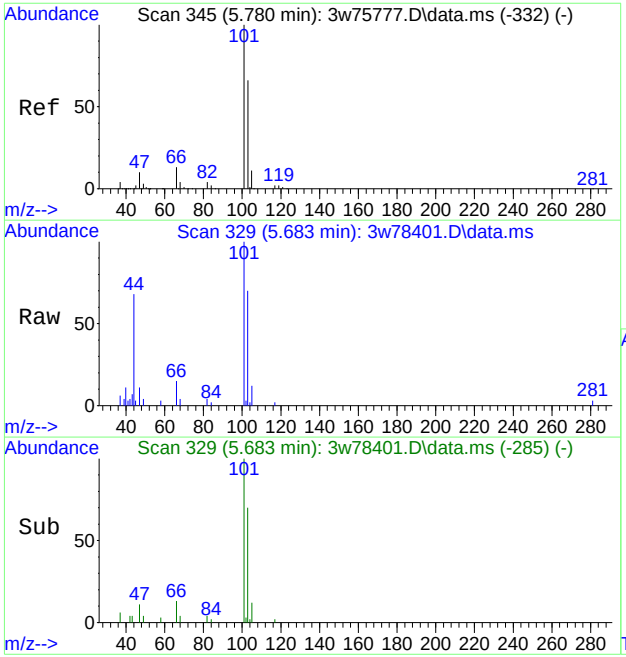


#18
ACROLEIN
Concen: 0.68 PPBV
RT: 5.464 min Scan# 293
Delta R.T. -0.048 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 56 Resp: 3342

Ion	Ratio	Lower	Upper
56	100		
55	77.1	55.7	83.5

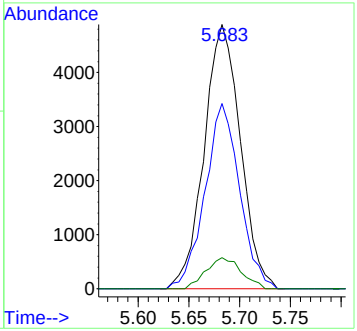


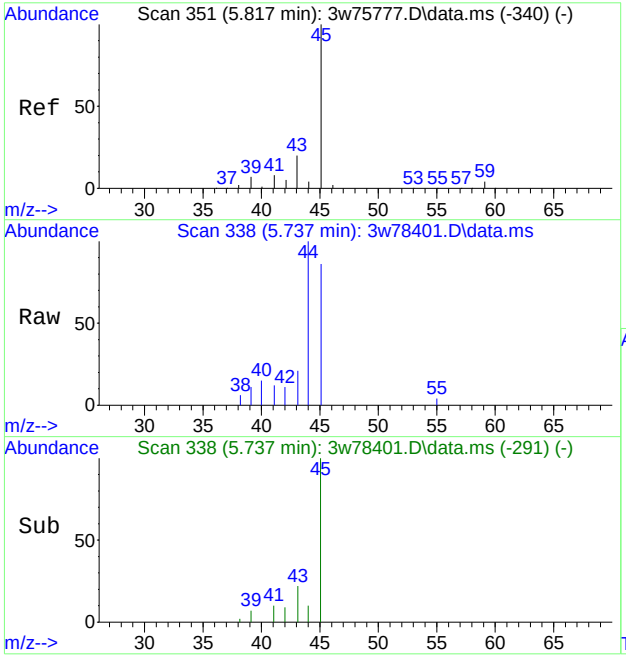


#21
TRICHLOROFLUOROMETHANE
Concen: 0.32 PPBV
RT: 5.683 min Scan# 329
Delta R.T. -0.060 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion:101 Resp: 12146

Ion	Ratio	Lower	Upper
101	100		
103	66.8	44.4	84.4
105	11.5	0.0	30.5

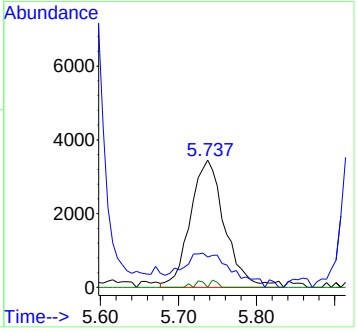


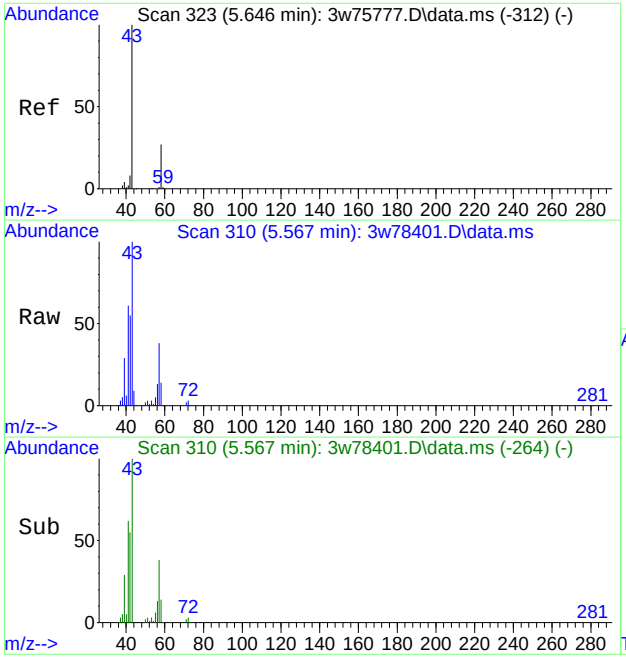


#22
ISOPROPYL ALCOHOL
Concen: 0.36 PPBV
RT: 5.737 min Scan# 338
Delta R.T. -0.043 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 45 Resp: 10592

Ion	Ratio	Lower	Upper
45	100		
43	23.9	1.0	41.0
59	0.0	0.0	23.6

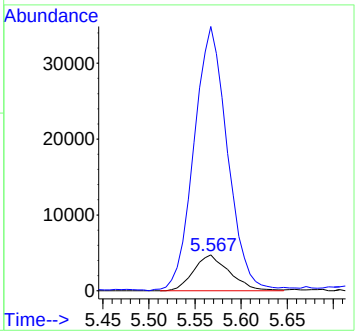


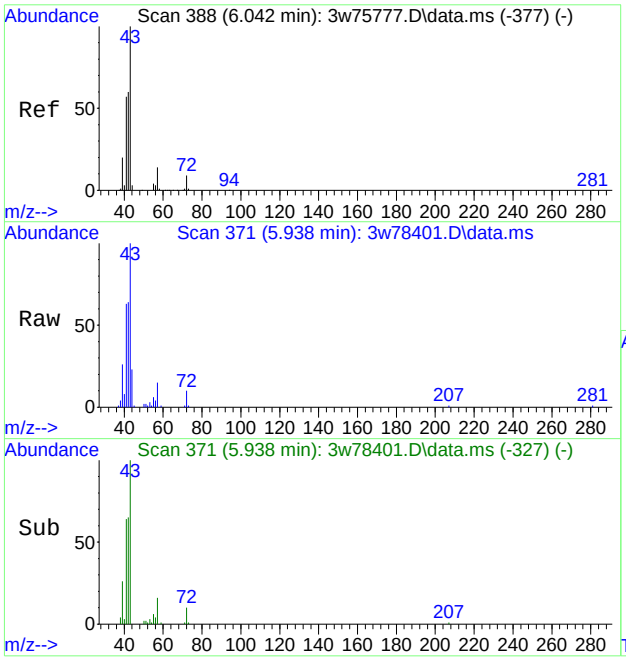


#23
ACETONE
Concen: 1.84 PPBV
RT: 5.567 min Scan# 310
Delta R.T. -0.049 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 58 Resp: 12841

Ion	Ratio	Lower	Upper
58	100		
43	693.9	365.9	405.9#

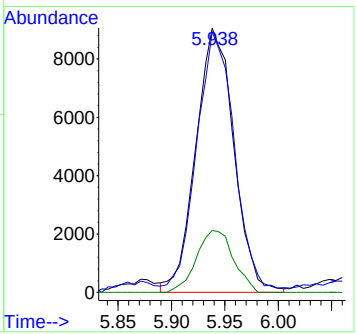


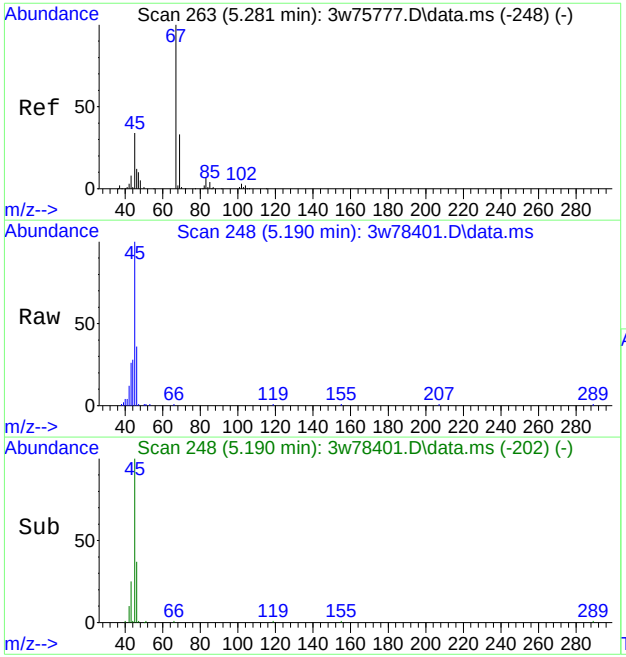


#24
PENTANE
Concen: 1.36 PPBV
RT: 5.938 min Scan# 371
Delta R.T. -0.061 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 42 Resp: 22430

Ion	Ratio	Lower	Upper
42	100		
41	98.7	72.1	112.1
57	22.7	1.5	41.5

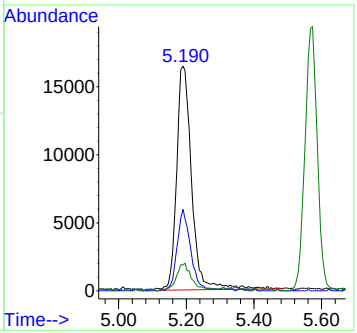


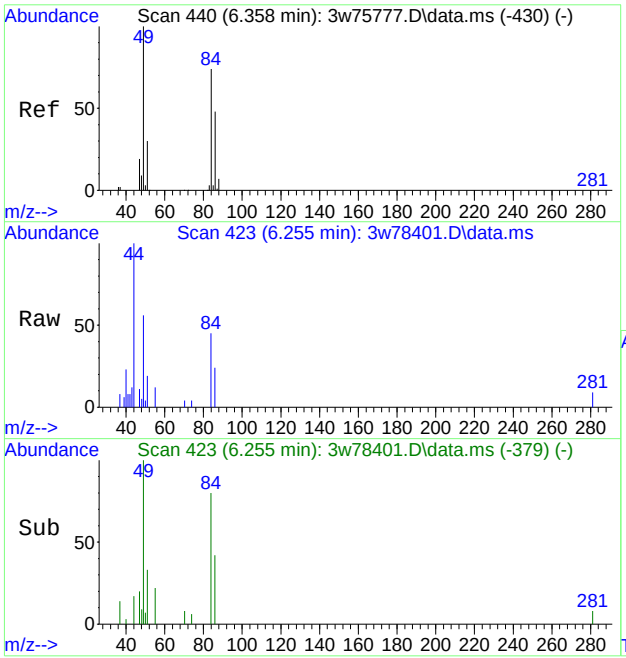


#28
ETHANOL
Concen: 7.82 PPBV
RT: 5.190 min Scan# 248
Delta R.T. -0.048 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 45 Resp: 50860

Ion	Ratio	Lower	Upper
45	100		
46	32.8	14.0	54.0
42	13.2	0.0	30.3

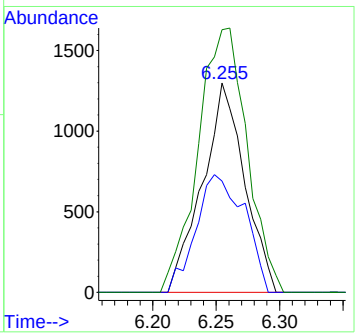


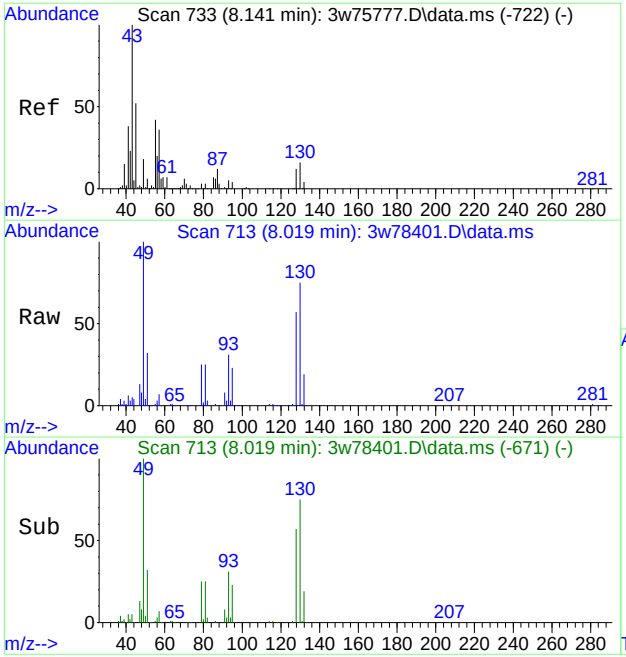


#31
METHYLENE CHLORIDE
Concen: 0.23 PPBV
RT: 6.255 min Scan# 423
Delta R.T. -0.060 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 84 Resp: 2999

Ion	Ratio	Lower	Upper
84	100		
86	64.6	45.6	85.6
49	146.6	0.0	345.4

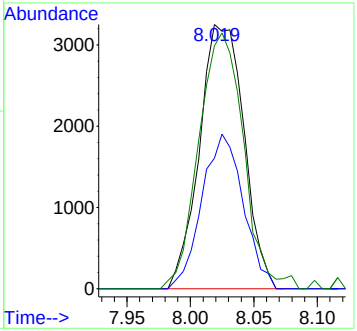


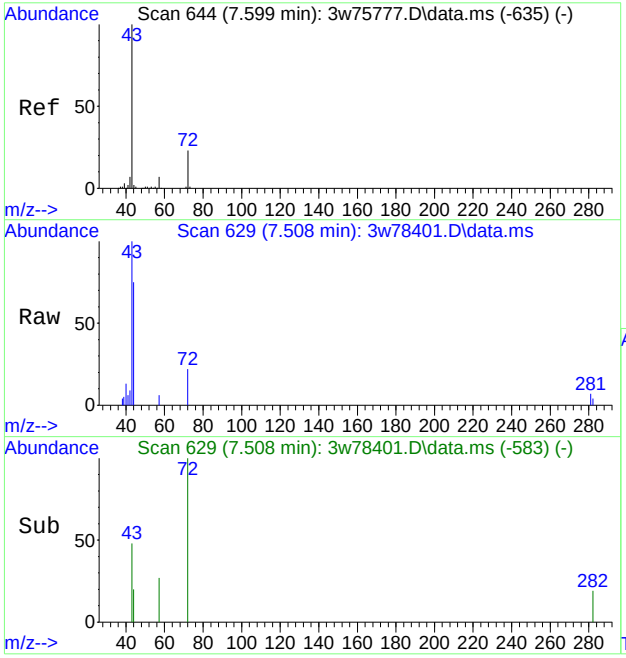


#38
HEXANE
Concen: 0.37 PPBV
RT: 8.019 min Scan# 713
Delta R.T. -0.073 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 57 Resp: 7908

Ion	Ratio	Lower	Upper
57	100		
56	54.5	34.8	74.8
41	97.7	116.4	156.4#

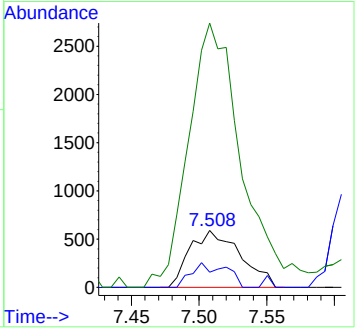


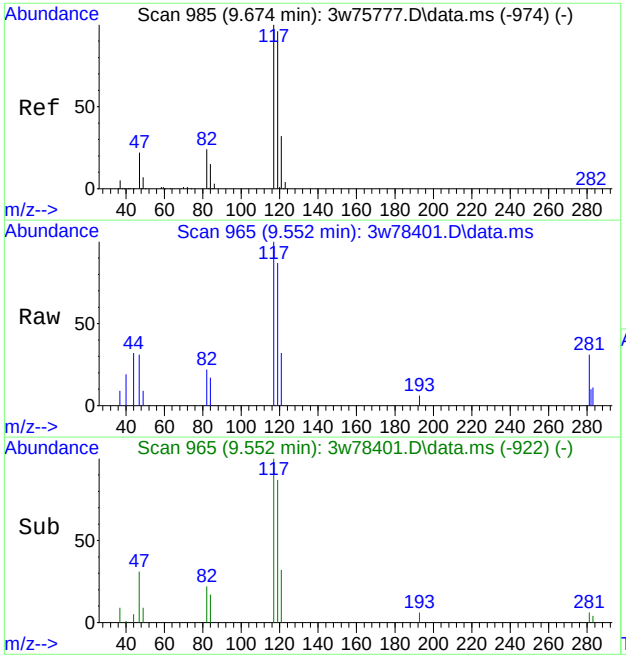


#41
METHYL ETHYL KETONE
Concen: 0.24 PPBV
RT: 7.508 min Scan# 629
Delta R.T. -0.048 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 72 Resp: 1531

Ion	Ratio	Lower	Upper
72	100		
57	26.6	10.2	50.2
43	464.6	431.2	471.2

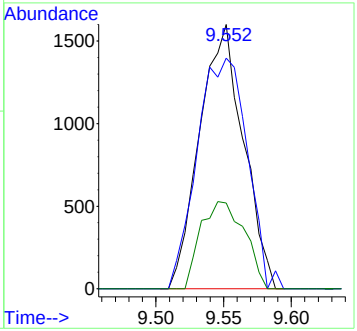


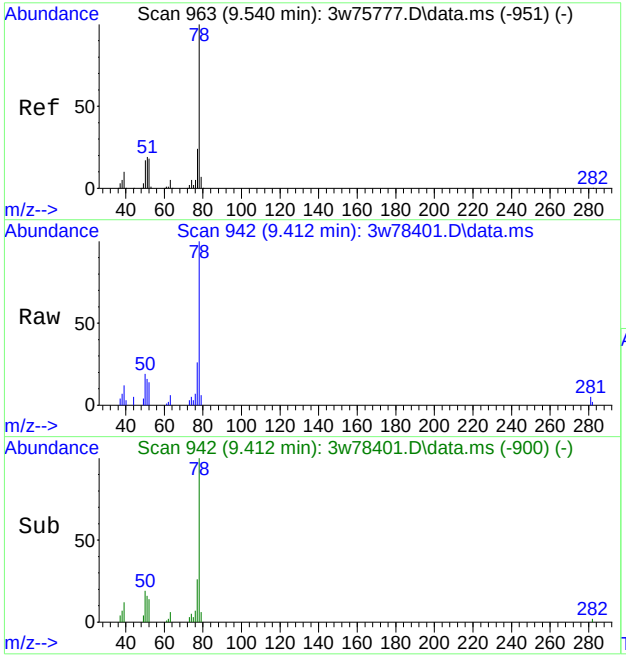


#49
CARBON TETRACHLORIDE
Concen: 0.10 PPBV
RT: 9.552 min Scan# 965
Delta R.T. -0.067 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion:117 Resp: 3604

Ion	Ratio	Lower	Upper
117	100		
119	99.9	75.9	115.9
121	33.0	11.3	51.3

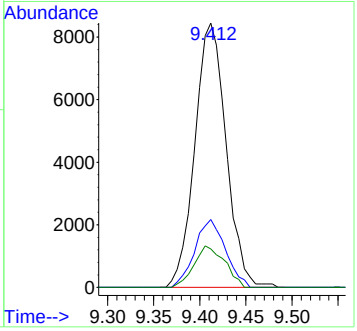


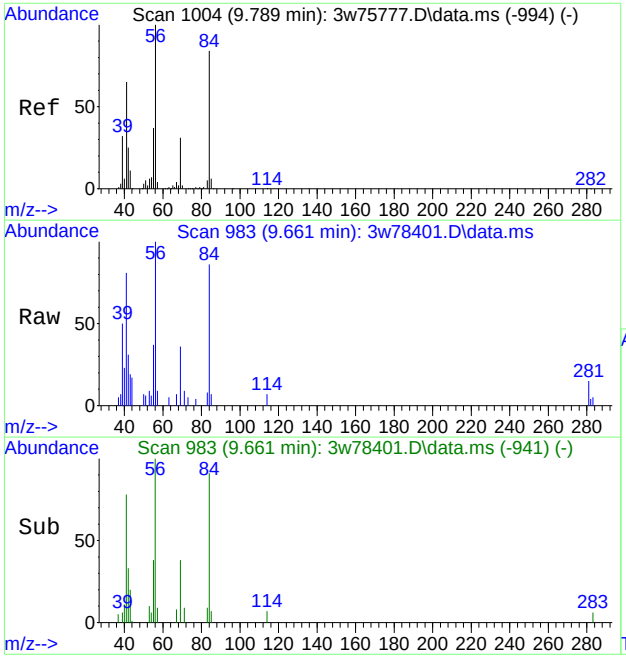


#52
BENZENE
Concen: 0.46 PPBV
RT: 9.412 min Scan# 942
Delta R.T. -0.073 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 78 Resp: 19921

Ion	Ratio	Lower	Upper
78	100		
77	25.2	4.0	44.0
52	15.4	0.0	36.8

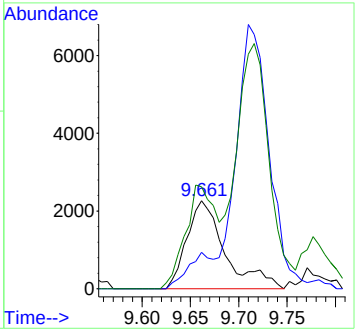


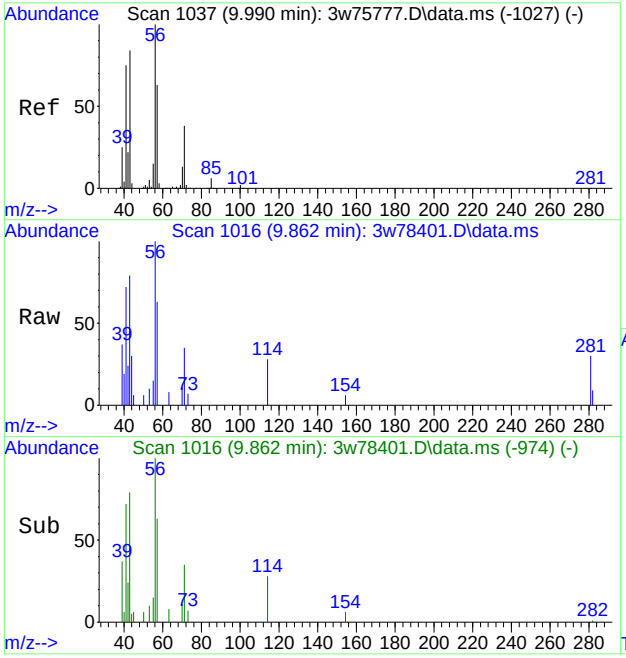


#53
CYCLOHEXANE
Concen: 0.32 PPBV
RT: 9.661 min Scan# 983
Delta R.T. -0.073 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 84 Resp: 6239

Ion	Ratio	Lower	Upper
84	100		
69	27.0	24.9	64.9
56	103.8	106.4	146.4#

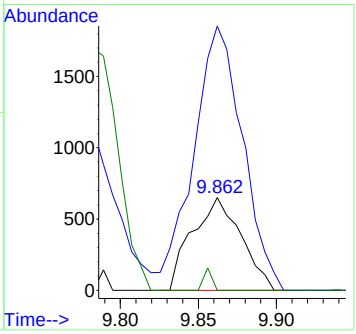


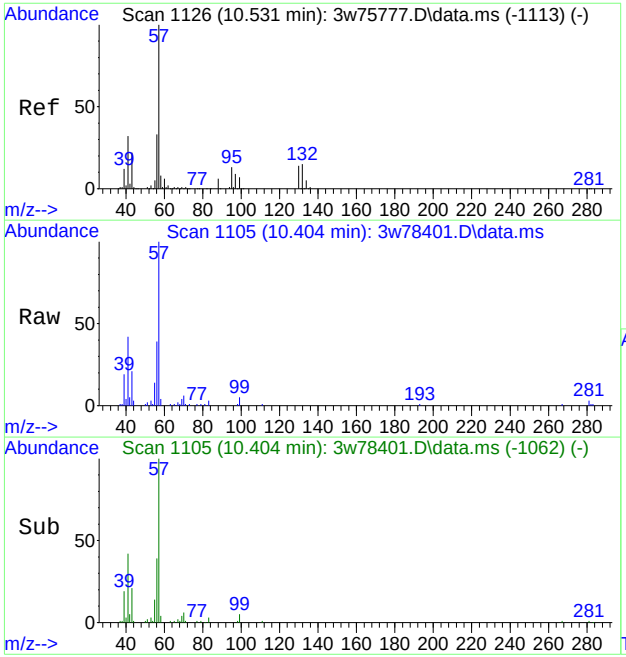


#54
2,3-DIMETHYLPENTANE
Concen: 0.15 PPBV
RT: 9.862 min Scan# 1016
Delta R.T. -0.073 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 71 Resp: 1416

Ion	Ratio	Lower	Upper
71	100		
56	286.9	242.7	282.7#
85	0.0	0.0	36.1

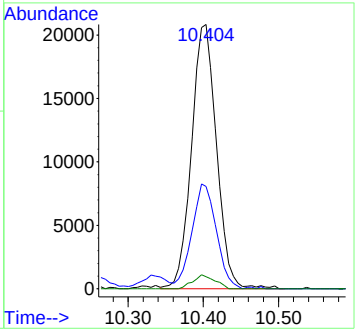


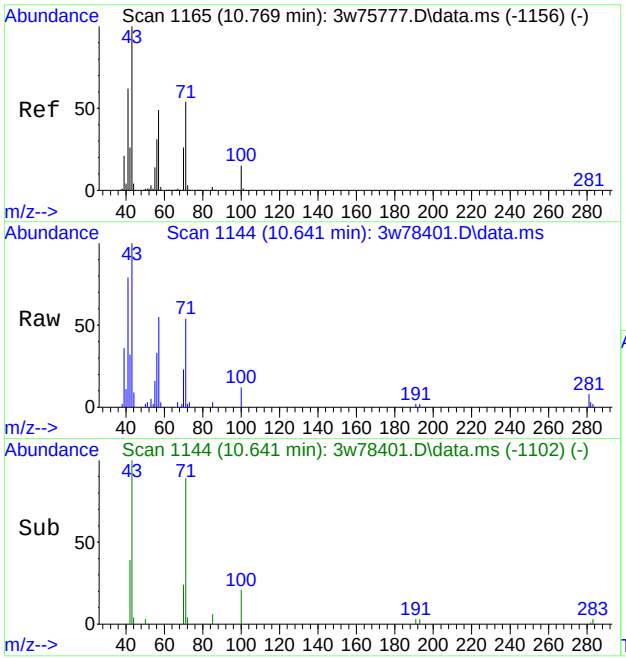


#60
2,2,4-TRIMETHYLPENTANE
Concen: 0.70 PPBV
RT: 10.404 min Scan# 1105
Delta R.T. -0.066 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 57 Resp: 48175

Ion	Ratio	Lower	Upper
57	100		
56	38.7	13.0	53.0
99	4.6	0.0	27.7

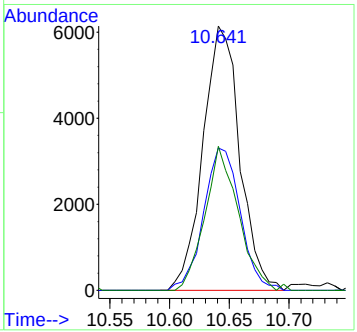


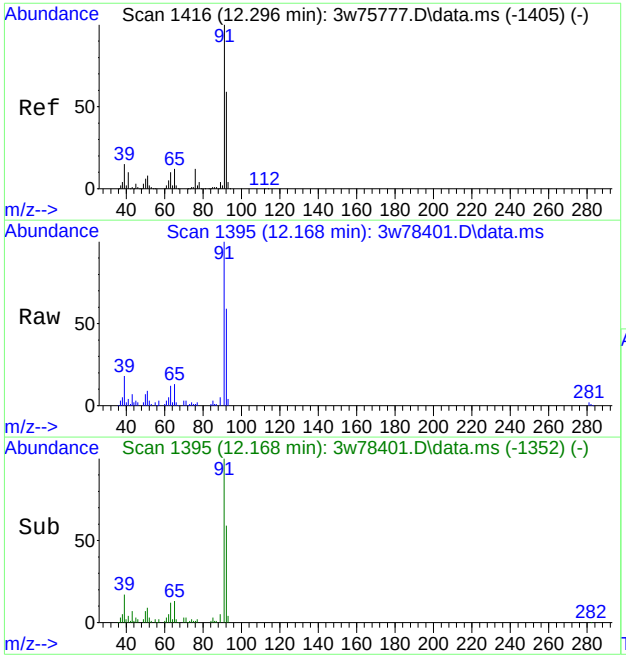


#62
HEPTANE
Concen: 0.45 PPBV
RT: 10.641 min Scan# 1144
Delta R.T. -0.073 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 43 Resp: 13144

Ion	Ratio	Lower	Upper
43	100		
71	53.6	30.7	70.7
57	49.6	25.8	65.8

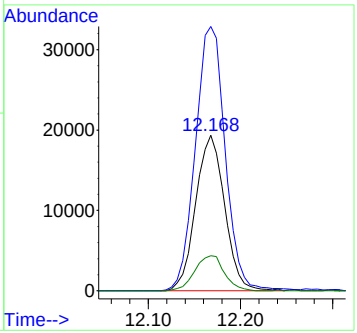


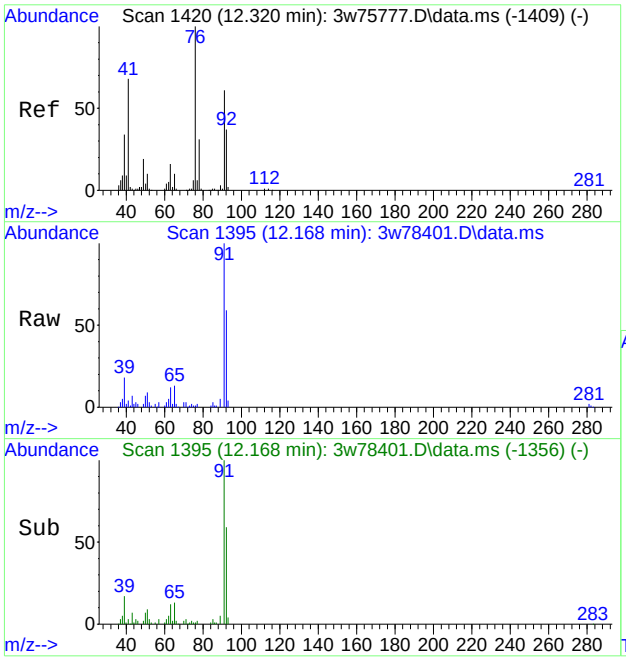


#66
TOLUENE
Concen: 1.36 PPBV
RT: 12.168 min Scan# 1395
Delta R.T. -0.067 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 92 Resp: 42347

Ion	Ratio	Lower	Upper
92	100		
91	175.0	153.5	193.5
65	23.0	3.3	43.3

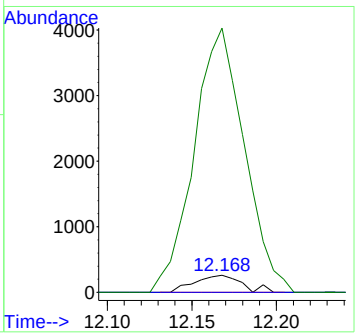


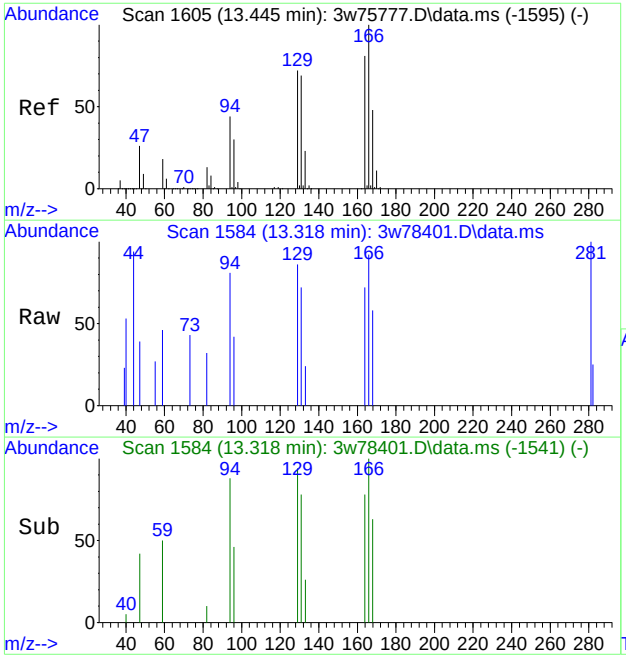


#67
1,3-DICHLOROPROPANE
Concen: 0.02 PPBV
RT: 12.168 min Scan# 1395
Delta R.T. -0.091 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 76 Resp: 511

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#
63	1633.7	24.1	36.1#

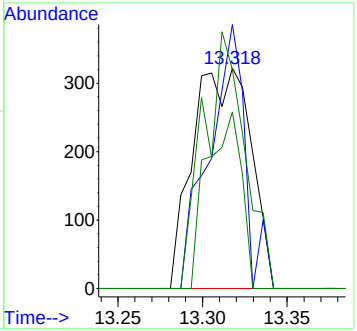


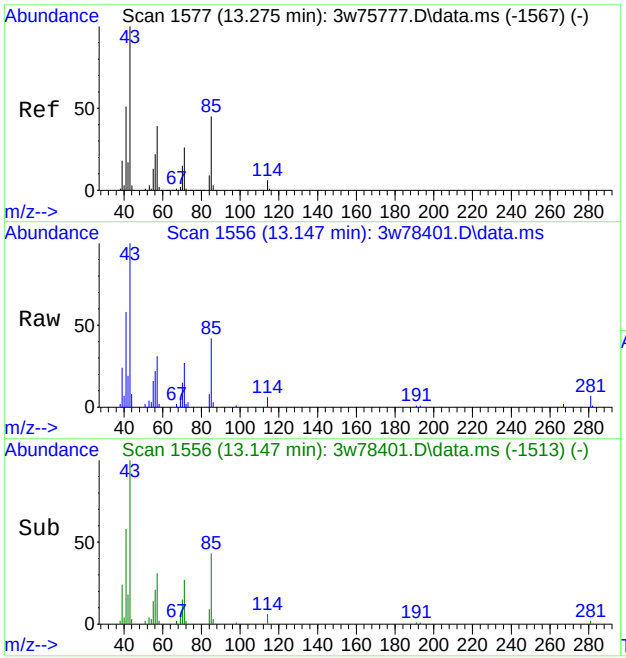


#73
TETRACHLOROETHYLENE
Concen: 0.04 PPBV
RT: 13.318 min Scan# 1584
Delta R.T. -0.066 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion:164 Resp: 772

Ion	Ratio	Lower	Upper
164	100		
129	74.0	70.9	110.9
168	47.8	41.6	81.6
131	82.8	68.3	108.3

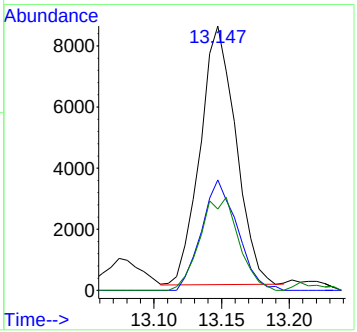


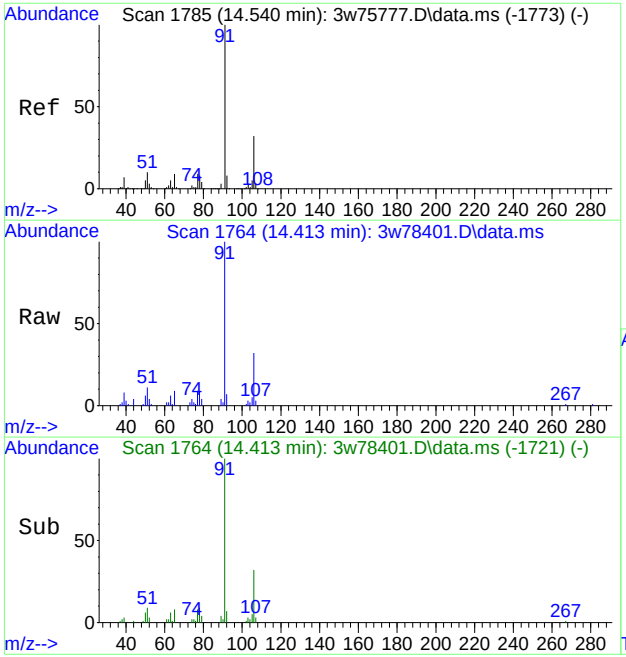


#76
OCTANE
Concen: 0.44 PPBV
RT: 13.147 min Scan# 1556
Delta R.T. -0.067 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 43 Resp: 15587

Ion	Ratio	Lower	Upper
43	100		
85	42.7	19.7	59.7
57	38.7	14.8	54.8

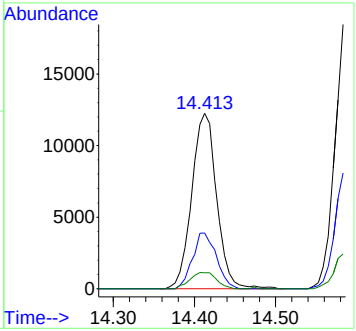


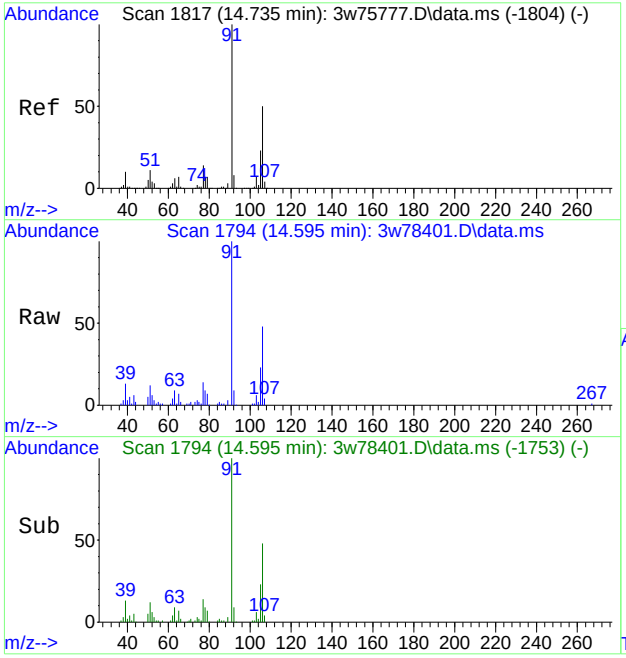


#79
ETHYLBENZENE
Concen: 0.40 PPBV
RT: 14.413 min Scan# 1764
Delta R.T. -0.066 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 91 Resp: 26169

Ion	Ratio	Lower	Upper
91	100		
106	30.4	11.5	51.5
77	9.9	0.0	28.9

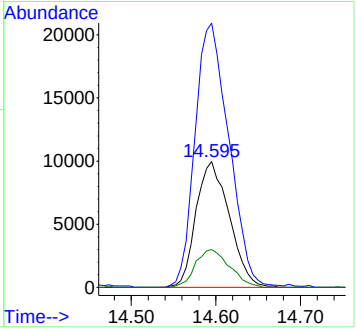


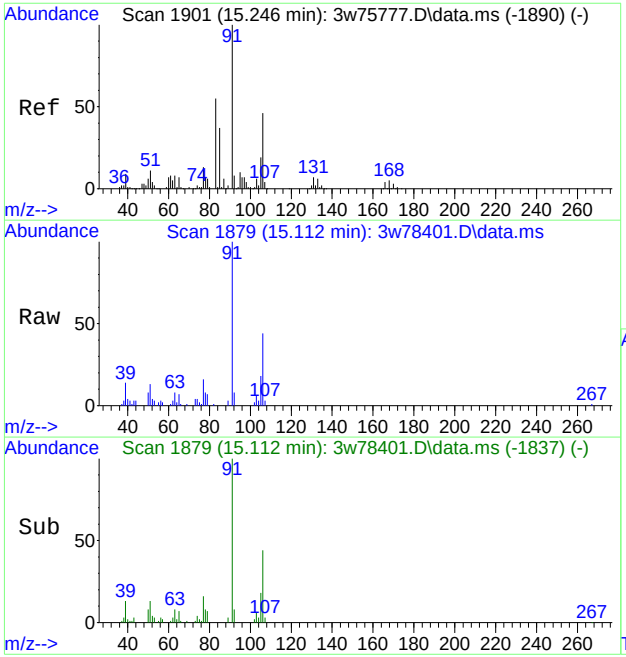


#80
m,p-XYLENE
Concen: 1.10 PPBV
RT: 14.595 min Scan# 1794
Delta R.T. -0.079 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion:106 Resp: 27339

Ion	Ratio	Lower	Upper
106	100		
91	210.1	182.9	222.9
77	30.1	8.2	48.2

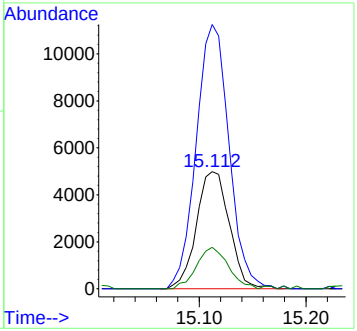


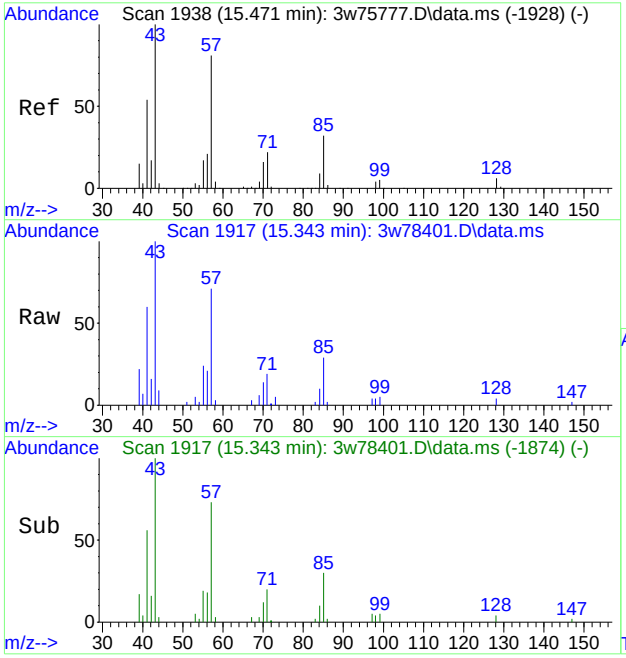


#81
o-XYLENE
Concen: 0.45 PPBV
RT: 15.112 min Scan# 1879
Delta R.T. -0.073 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion:106 Resp: 10680

Ion	Ratio	Lower	Upper
106	100		
91	225.2	194.1	234.1
77	34.1	7.8	47.8

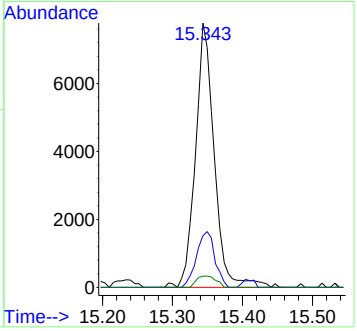


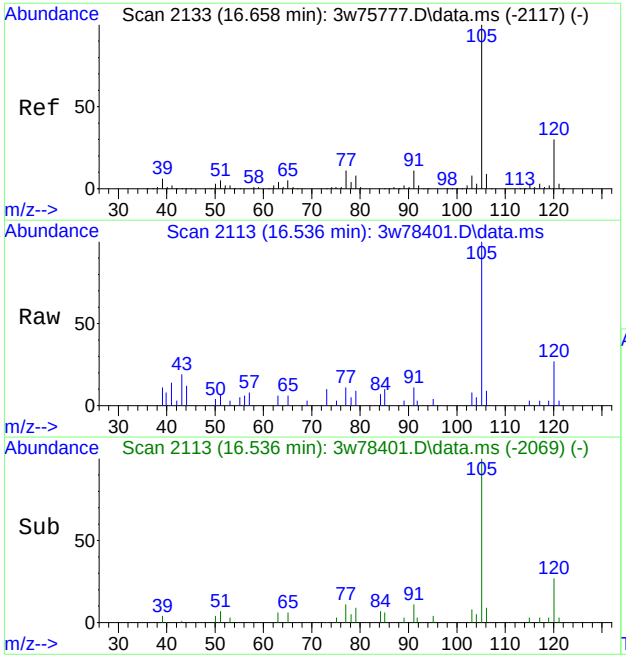


#83
NONANE
Concen: 0.40 PPBV
RT: 15.343 min Scan# 1917
Delta R.T. -0.067 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion: 43 Resp: 14524

Ion	Ratio	Lower	Upper
43	100		
71	20.6	1.4	41.4
128	4.4	0.0	24.6

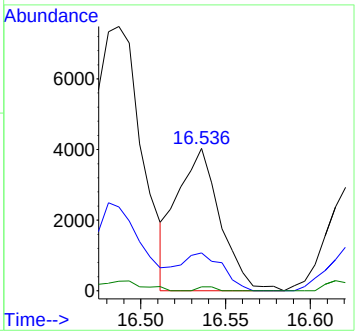


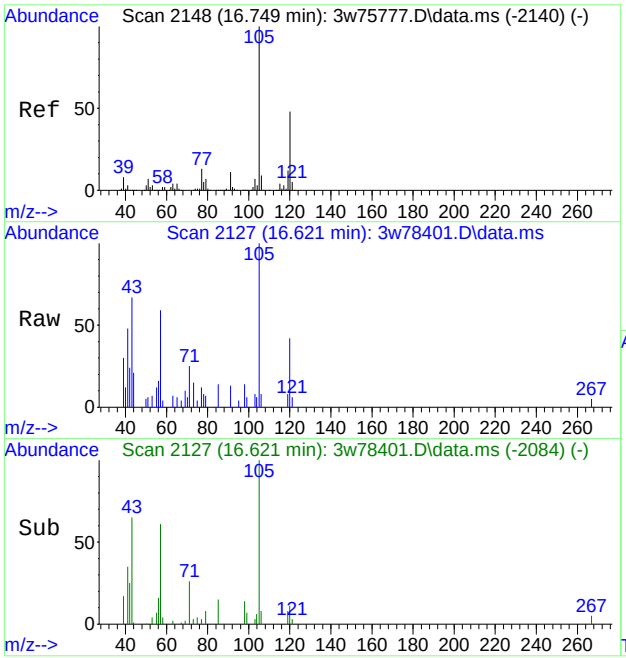


#92
4-ETHYLTOLUENE
Concen: 0.11 PPBV m
RT: 16.536 min Scan# 2113
Delta R.T. -0.060 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion:105 Resp: 7131

Ion	Ratio	Lower	Upper
105	100		
120	69.3	9.9	49.9#
119	6.6	0.0	22.4

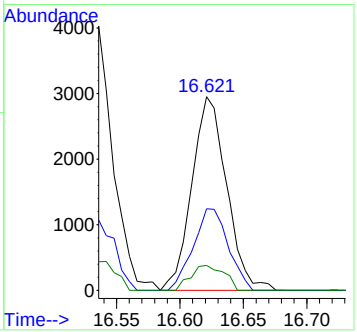


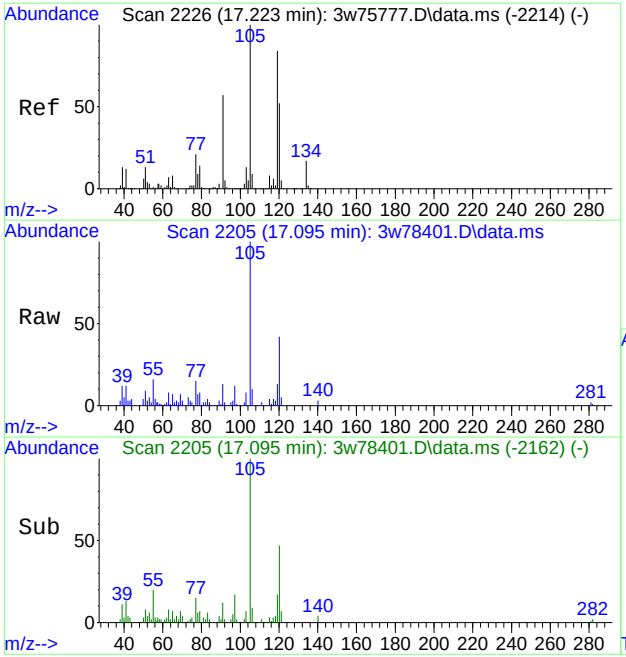


#93
1,3,5-TRIMETHYLBENZENE
Concen: 0.10 PPBV
RT: 16.621 min Scan# 2127
Delta R.T. -0.067 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion:105 Resp: 5632

Ion	Ratio	Lower	Upper
105	100		
120	42.2	28.7	68.7
91	12.4	0.0	31.3

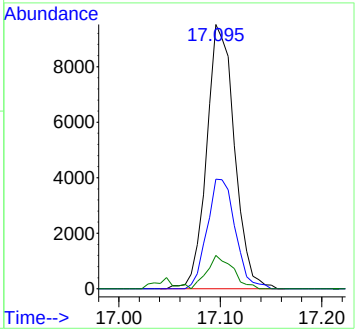


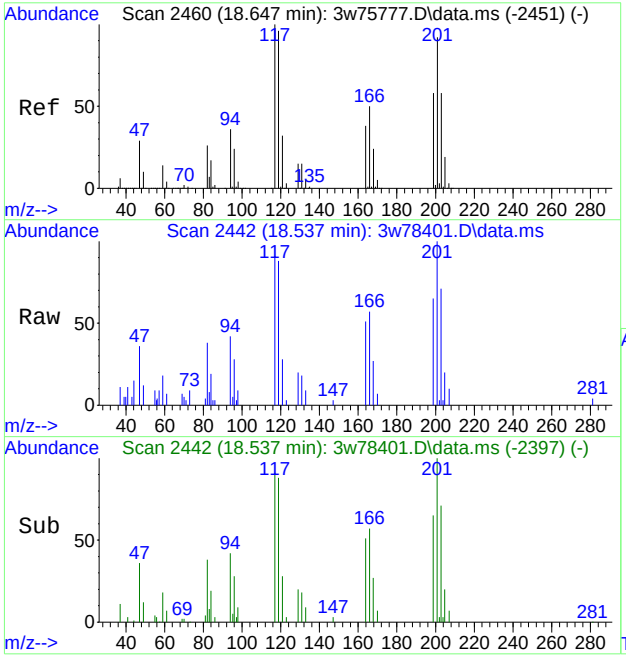


#96
1,2,4-TRIMETHYLBENZENE
Concen: 0.32 PPBV
RT: 17.095 min Scan# 2205
Delta R.T. -0.067 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion:105 Resp: 18185

Ion	Ratio	Lower	Upper
105	100		
120	41.9	33.9	73.9
119	11.7	84.2	124.2#

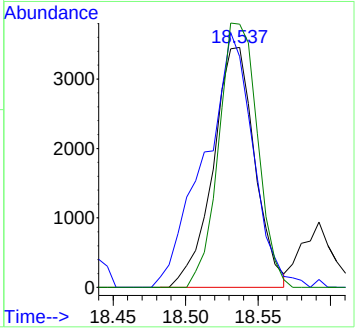




#105
HEXACHLOROETHANE
Concen: 0.26 PPBV
RT: 18.537 min Scan# 2442
Delta R.T. -0.055 min
Lab File: 3w78401.D
Acq: 14 Dec 2022 3:33 am

Tgt Ion:117 Resp: 6933

Ion	Ratio	Lower	Upper
117	100		
119	124.1	76.2	114.4#
201	102.5	69.9	104.9



Manual Integration Approval Summary

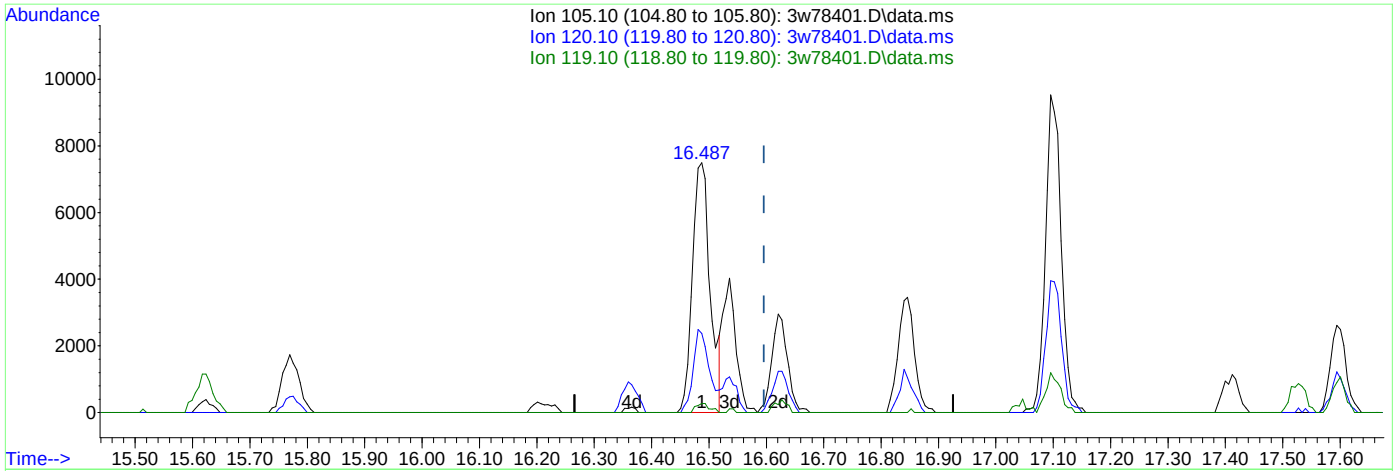
Sample Number:	JD56955-3	**Method:**	TO-15
Lab FileID:	3W78401.D	**Analyst approved:**	12/15/22 17:25 William Cruser
Injection Time:	12/14/22 03:33	**Supervisor approved:**	12/15/22 21:12 Kanya Veerawat

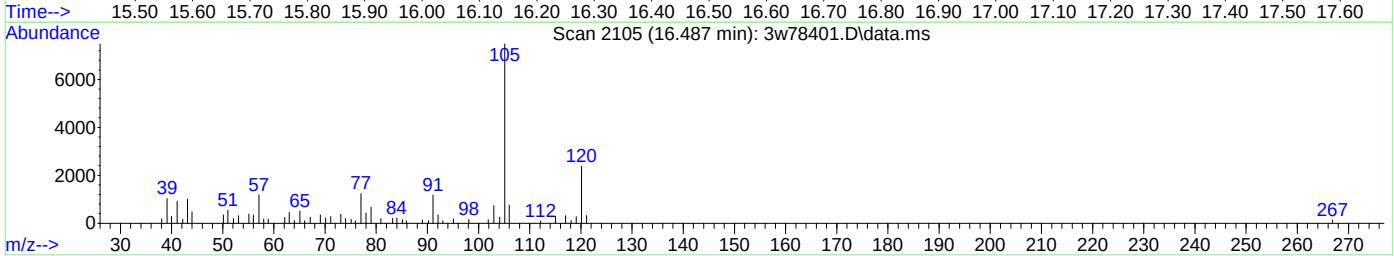
Parameter	CAS	Sig#	R.T. (min.)	Reason
4-Ethyltoluene	622-96-8		16.54	Split peak

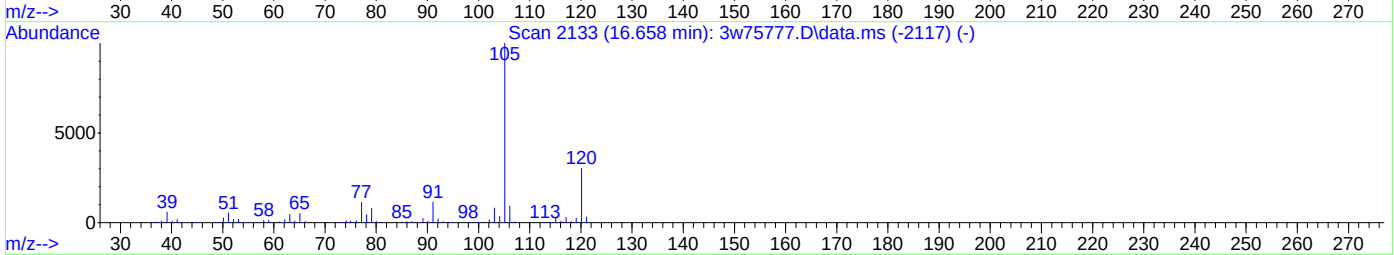
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78401.D
Acq On : 14 Dec 2022 3:33 am
Operator : thomash
Sample : jd56955-3
Misc : MS64733,V3W3087,500,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 14 08:33:58 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration







TIC: 3w78401.D\data.ms

(92) 4-ETHYLTOLUENE

16.487min (-0.109) 0.25PPBV

response 16125

Ion	Exp%	Act%
105.10	100	100
120.10	29.90	30.63
119.10	2.40	2.91
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78402.D
Acq On : 14 Dec 2022 4:21 am
Operator : thomash
Sample : jd56955-4
Misc : MS64733,V3W3087,500,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 17:23:06 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

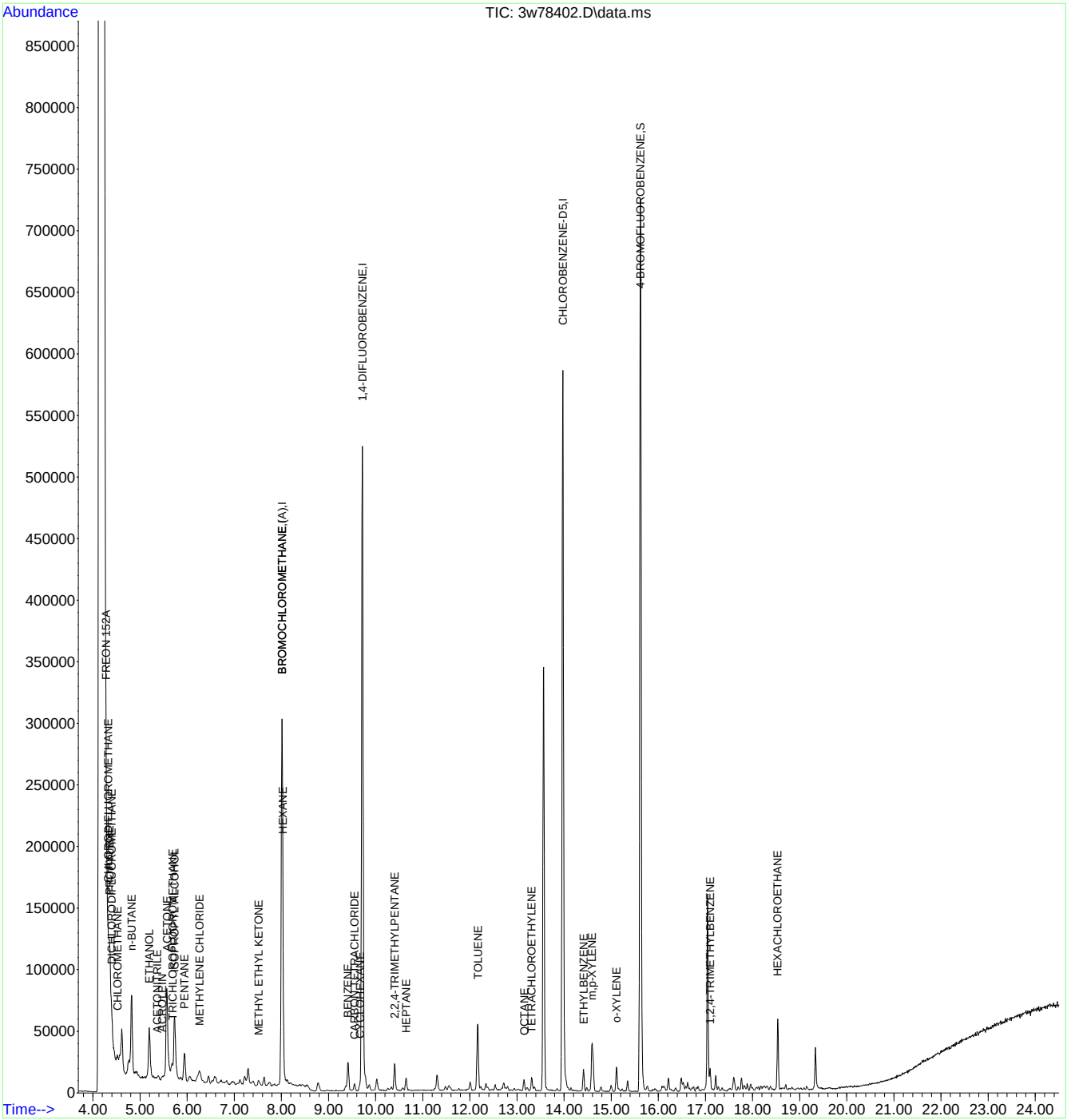
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	8.013	128	94081	10.00	PPBV	-0.07
51) 1,4-DIFLUOROBENZENE	9.716	114	465854	10.00	PPBV	-0.07
70) CHLOROBENZENE-D5	13.975	82	225004	10.00	PPBV	-0.07
109) BROMOCHLOROMETHANE (A)	8.013	128	94081	10.00	PPBV	-0.07
System Monitoring Compounds						
85) 4-BROMOFLUOROBENZENE	15.617	95	270107	10.28	PPBV	-0.07
Spiked Amount 10.000	Range 65 - 128		Recovery = 102.80%			
Target Compounds						Qvalue
3) FREON 152A	4.277	65	1655	0.19	PPBV #	39
4) CHLORODIFLUOROMETHANE	4.320	67	1691	0.39	PPBV	99
6) DICHLORODIFLUOROMETHANE	4.399	85	27820	0.61	PPBV	98
7) PROPYLENE	4.350	41	25057	1.86	PPBV #	77
10) CHLOROMETHANE	4.521	52	2350	0.61	PPBV #	85
13) n-BUTANE	4.819	43	67559	2.82	PPBV #	96
17) ACETONITRILE	5.360	41	1434	0.10	PPBV #	87
18) ACROLEIN	5.470	56	2598	0.51	PPBV	85
21) TRICHLOROFLUOROMETHANE	5.689	101	12752	0.32	PPBV	97
22) ISOPROPYL ALCOHOL	5.731	45	79834	2.62	PPBV	97
23) ACETONE	5.573	58	16872	2.36	PPBV #	60
24) PENTANE	5.944	42	11463	0.68	PPBV	92
28) ETHANOL	5.196	45	61974	9.28	PPBV	96
31) METHYLENE CHLORIDE	6.261	84	3432	0.26	PPBV	96
38) HEXANE	8.031	57	5290	0.24	PPBV #	76
41) METHYL ETHYL KETONE	7.514	72	984	0.15	PPBV	95
49) CARBON TETRACHLORIDE	9.546	117	3743	0.10	PPBV	97
52) BENZENE	9.412	78	22906	0.52	PPBV	99
53) CYCLOHEXANE	9.667	84	3022	0.15	PPBV #	46
60) 2,2,4-TRIMETHYLPENTANE	10.404	57	17528	0.25	PPBV	91
62) HEPTANE	10.647	43	4614	0.15	PPBV	99
66) TOLUENE	12.168	92	24616	0.77	PPBV	99
73) TETRACHLOROETHYLENE	13.311	164	2856	0.14	PPBV	91
76) OCTANE	13.153	43	4289	0.12	PPBV	98
79) ETHYLBENZENE	14.413	91	15189	0.23	PPBV	96
80) m,p-XYLENE	14.589	106	15979	0.64	PPBV	89
81) o-XYLENE	15.112	106	5707	0.24	PPBV	87
96) 1,2,4-TRIMETHYLBENZENE	17.102	105	8888	0.16	PPBV #	35
105) HEXACHLOROETHANE	18.531	117	10692	0.40	PPBV #	84

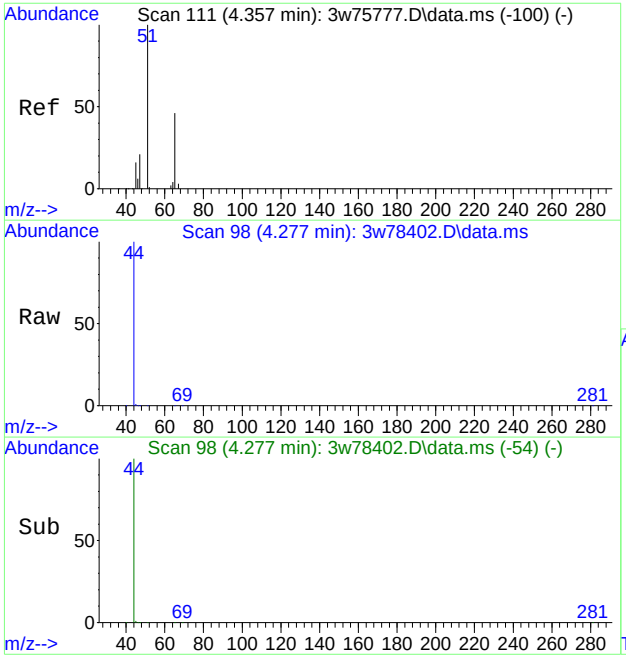
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78402.D
Acq On : 14 Dec 2022 4:21 am
Operator : thomash
Sample : jd56955-4
Misc : MS64733,V3W3087,500,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 17:23:06 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

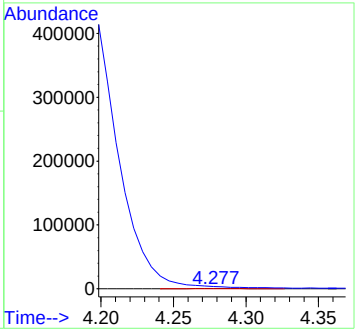


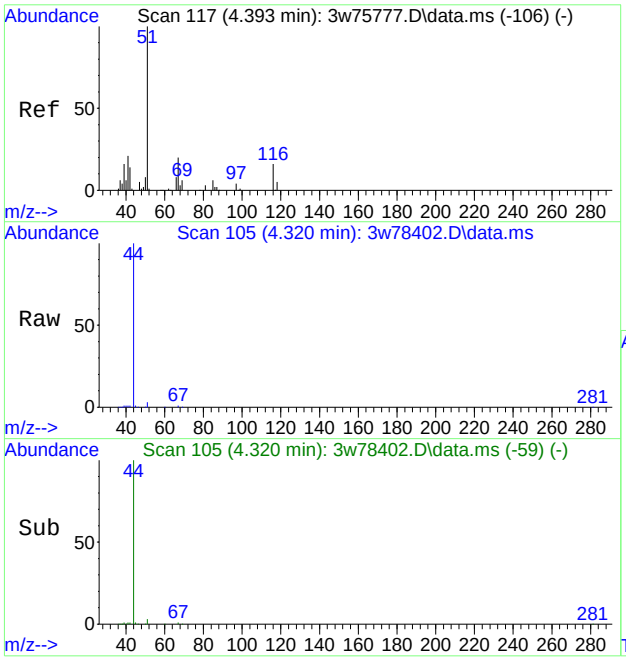


#3
FREON 152A
Concen: 0.19 PPBV
RT: 4.277 min Scan# 98
Delta R.T. -0.061 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 65 Resp: 1655

Ion	Ratio	Lower	Upper
65	100		
45	0.0	16.1	56.1#

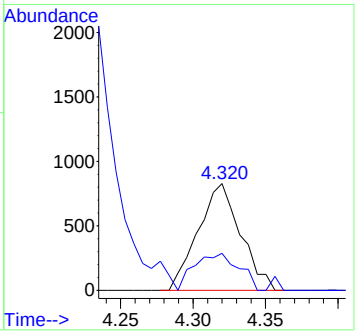


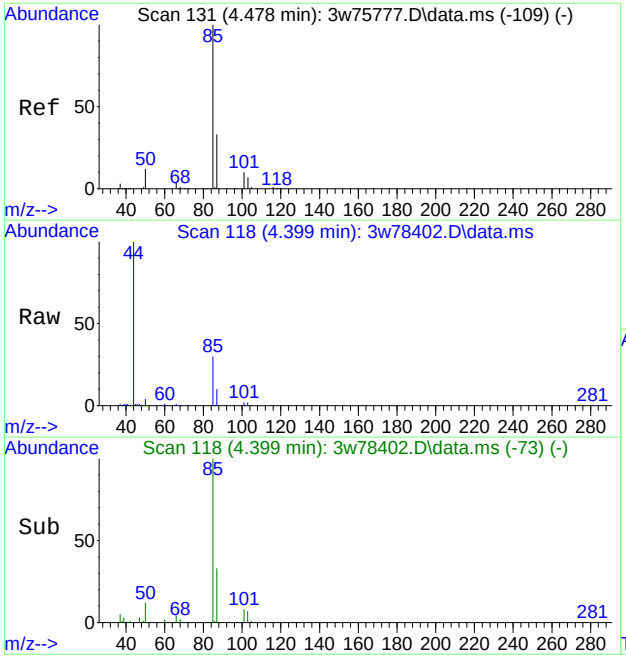


#4
CHLORODIFLUOROMETHANE
Concen: 0.39 PPBV
RT: 4.320 min Scan# 105
Delta R.T. -0.049 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 67 Resp: 1691

Ion	Ratio	Lower	Upper
67	100		
69	34.5	14.1	54.1

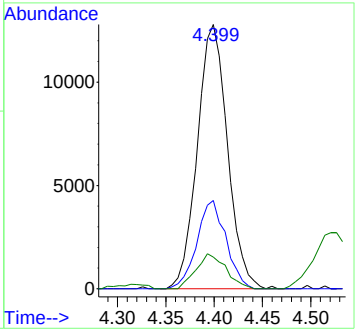


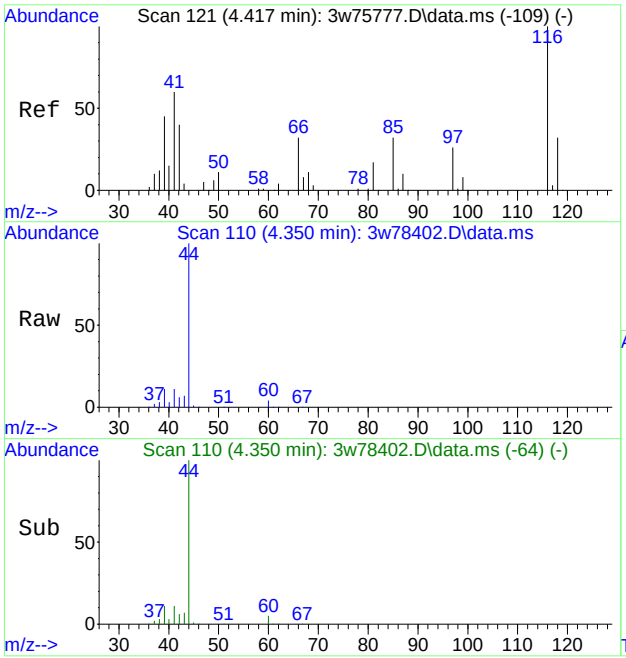


#6
DICHLORODIFLUOROMETHANE
Concen: 0.61 PPBV
RT: 4.399 min Scan# 118
Delta R.T. -0.055 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 85 Resp: 27820

Ion	Ratio	Lower	Upper
85	100		
87	32.1	12.0	52.0
50	13.1	0.0	30.7

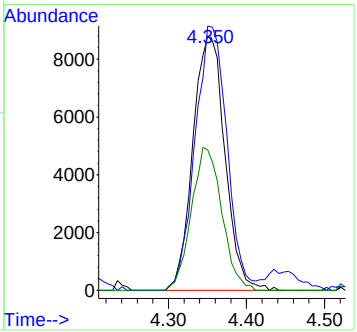


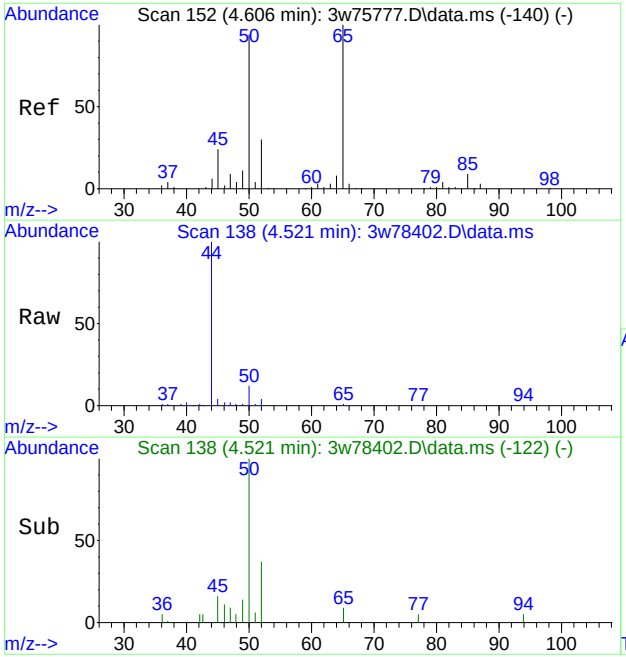


#7
PROPYLENE
Concen: 1.86 PPBV
RT: 4.350 min Scan# 110
Delta R.T. -0.049 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 41 Resp: 25057

Ion	Ratio	Lower	Upper
41	100		
39	103.9	57.2	97.2#
42	53.5	44.8	84.8

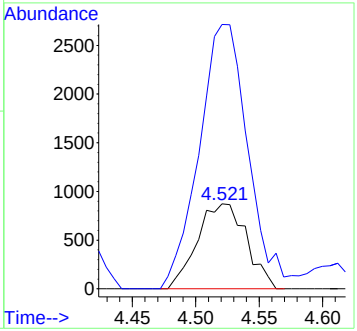


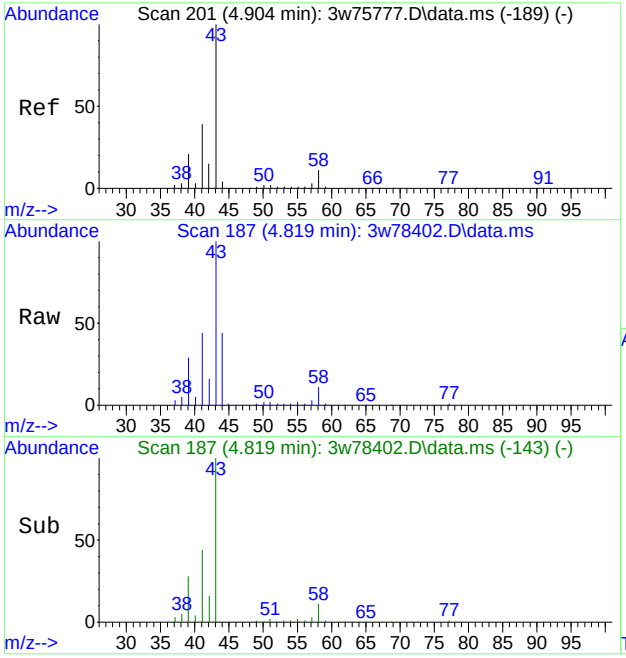


#10
CHLOROMETHANE
Concen: 0.61 PPBV
RT: 4.521 min Scan# 138
Delta R.T. -0.054 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 52 Resp: 2350

Ion	Ratio	Lower	Upper
52	100		
50	304.5	256.2	296.2#

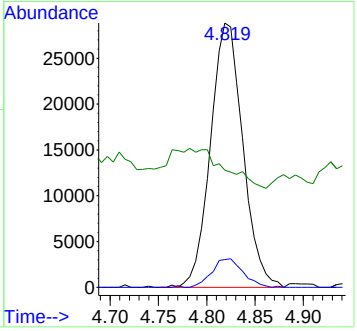


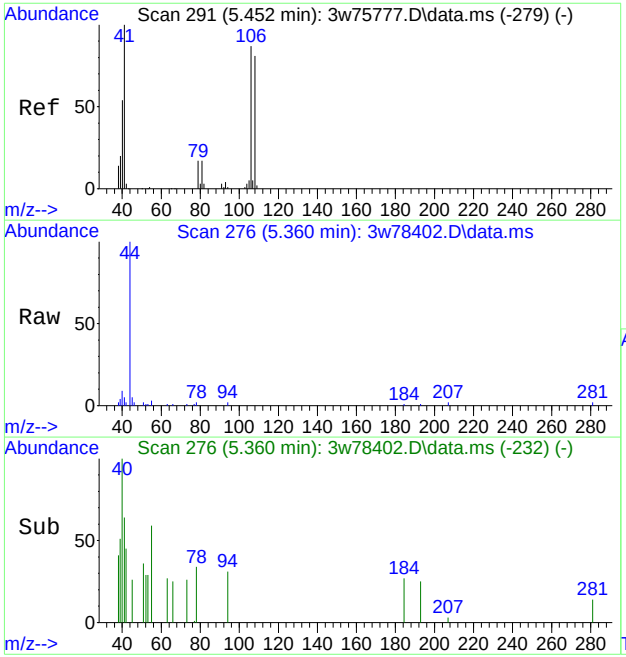


#13
n-BUTANE
Concen: 2.82 PPBV
RT: 4.819 min Scan# 187
Delta R.T. -0.061 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 43 Resp: 67559

Ion	Ratio	Lower	Upper
43	100		
58	10.5	0.0	30.1
44	0.0	0.0	23.9

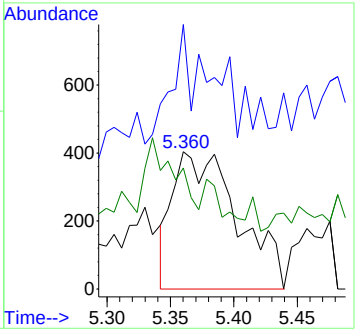


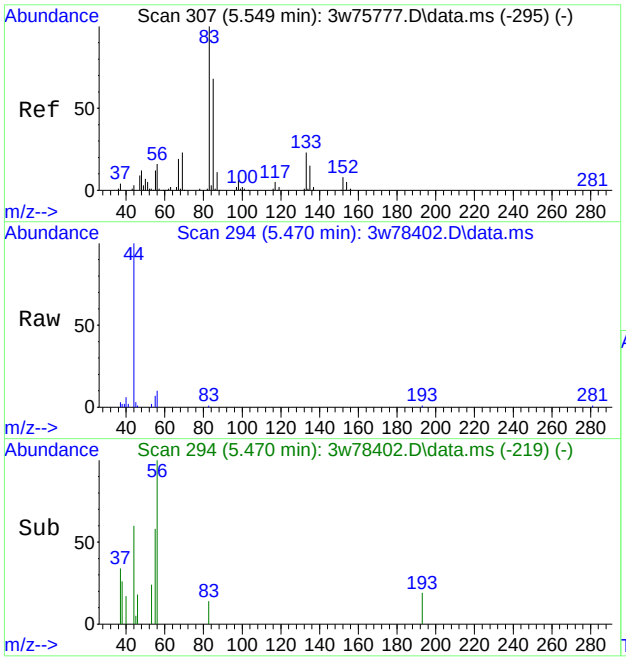


#17
ACETONITRILE
Concen: 0.10 PPBV
RT: 5.360 min Scan# 276
Delta R.T. -0.061 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 41 Resp: 1434

Ion	Ratio	Lower	Upper
41	100		
40	62.6	48.2	72.4
39	0.0	15.9	23.9#

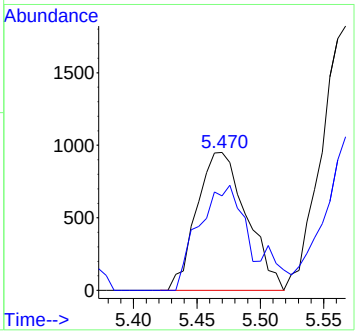


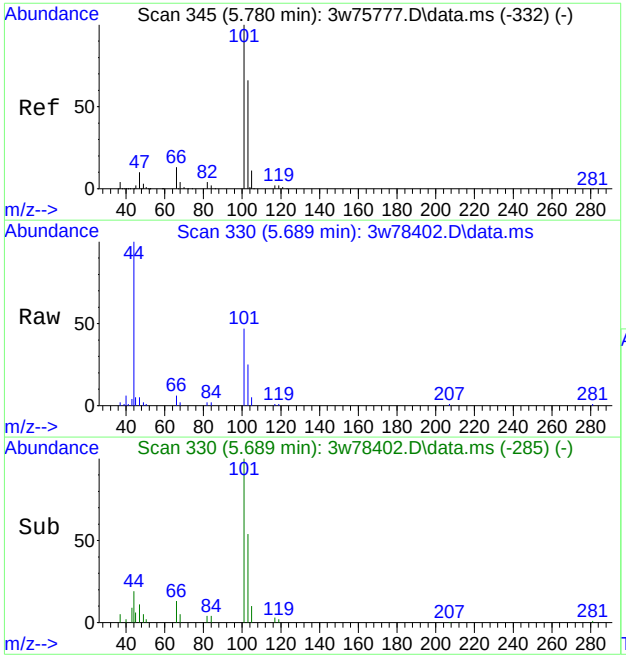


#18
ACROLEIN
Concen: 0.51 PPBV
RT: 5.470 min Scan# 294
Delta R.T. -0.042 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 56 Resp: 2598

Ion	Ratio	Lower	Upper
56	100		
55	81.6	55.7	83.5

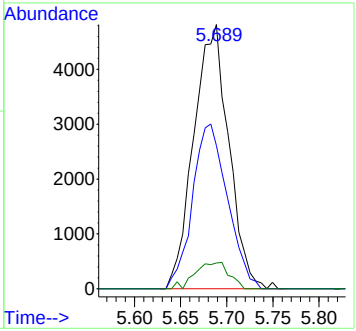


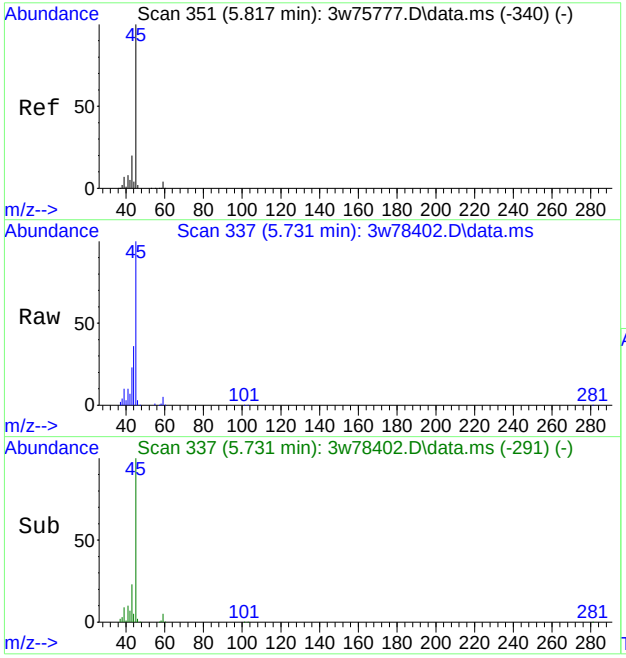


#21
TRICHLOROFLUOROMETHANE
Concen: 0.32 PPBV
RT: 5.689 min Scan# 330
Delta R.T. -0.054 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion:101 Resp: 12752

Ion	Ratio	Lower	Upper
101	100		
103	62.1	44.4	84.4
105	9.7	0.0	30.5

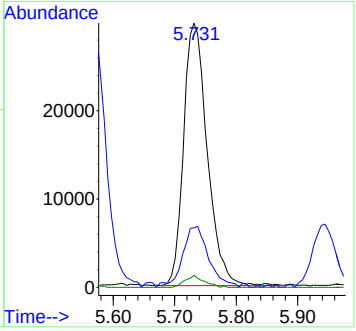


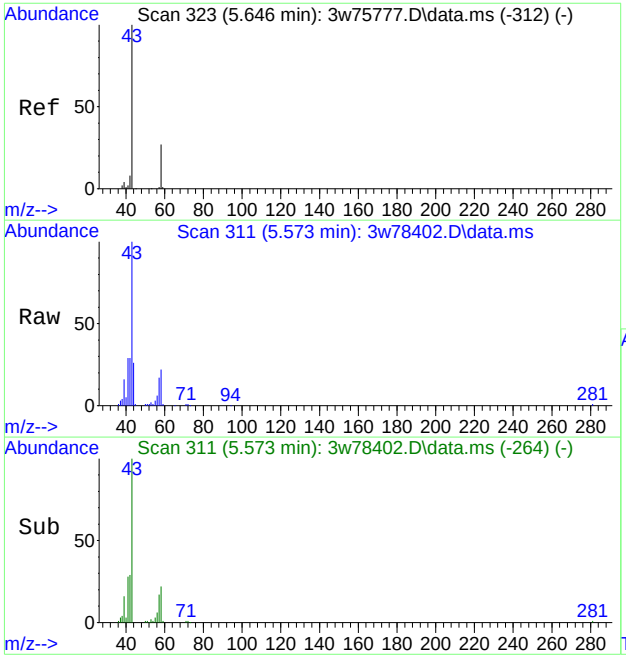


#22
ISOPROPYL ALCOHOL
Concen: 2.62 PPBV
RT: 5.731 min Scan# 337
Delta R.T. -0.049 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 45 Resp: 79834

Ion	Ratio	Lower	Upper
45	100		
43	22.5	1.0	41.0
59	4.5	0.0	23.6

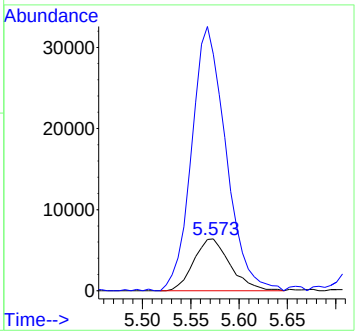


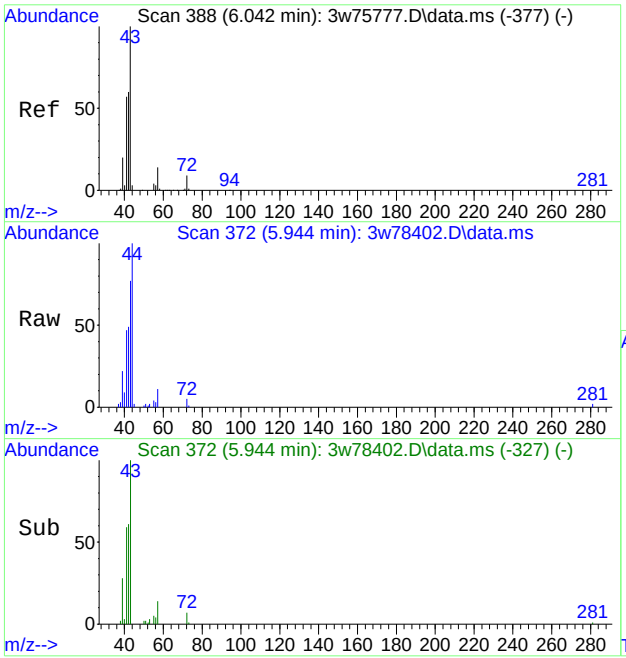


#23
ACETONE
Concen: 2.36 PPBV
RT: 5.573 min Scan# 311
Delta R.T. -0.043 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 58 Resp: 16872

Ion	Ratio	Lower	Upper
58	100		
43	477.6	365.9	405.9#

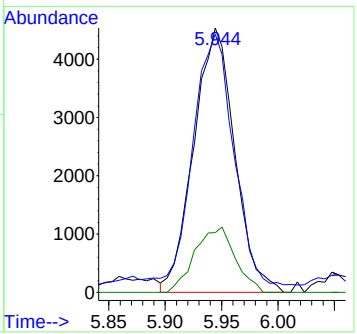


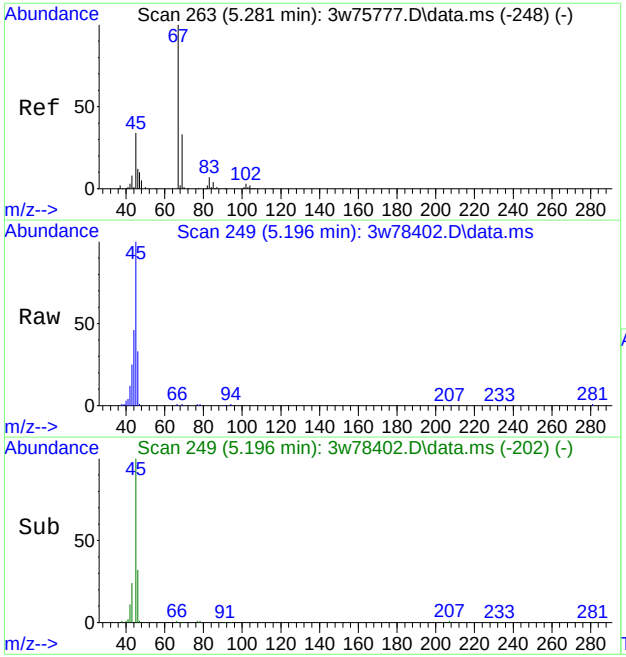


#24
PENTANE
Concen: 0.68 PPBV
RT: 5.944 min Scan# 372
Delta R.T. -0.055 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 42 Resp: 11463

Ion	Ratio	Lower	Upper
42	100		
41	100.5	72.1	112.1
57	24.2	1.5	41.5

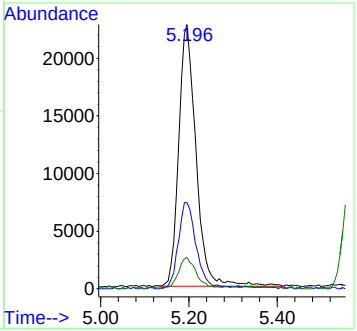


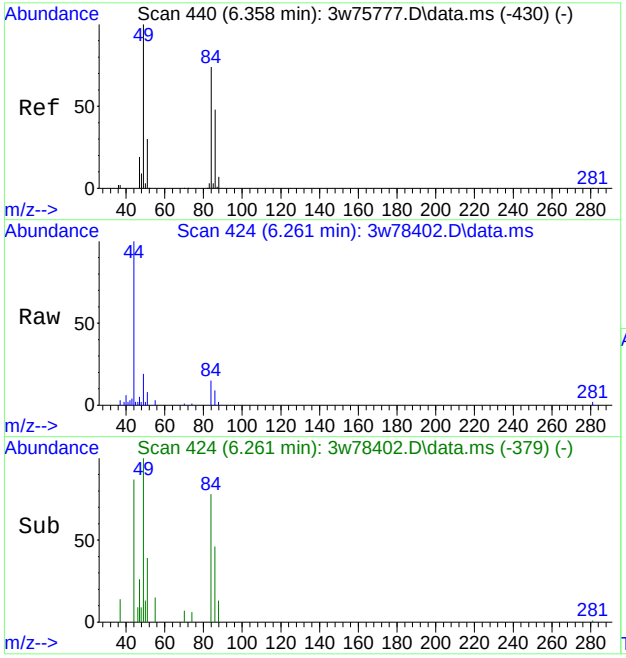


#28
ETHANOL
Concen: 9.28 PPBV
RT: 5.196 min Scan# 249
Delta R.T. -0.042 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 45 Resp: 61974

Ion	Ratio	Lower	Upper
45	100		
46	35.8	14.0	54.0
42	13.1	0.0	30.3

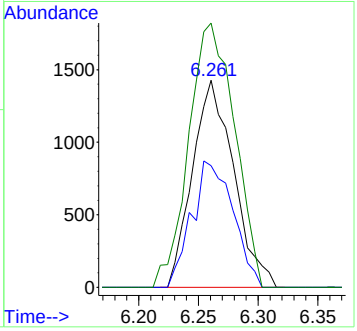


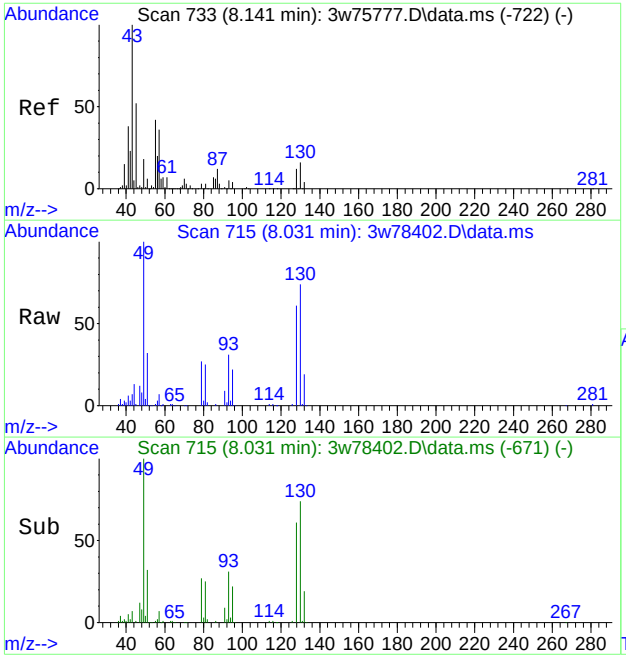


#31
METHYLENE CHLORIDE
Concen: 0.26 PPBV
RT: 6.261 min Scan# 424
Delta R.T. -0.054 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 84 Resp: 3432

Ion	Ratio	Lower	Upper
84	100		
86	60.9	45.6	85.6
49	141.8	0.0	345.4

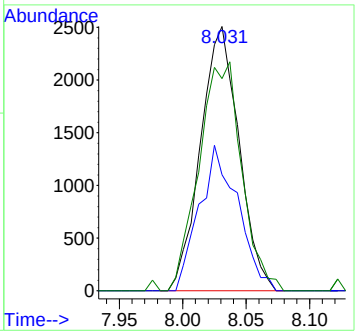


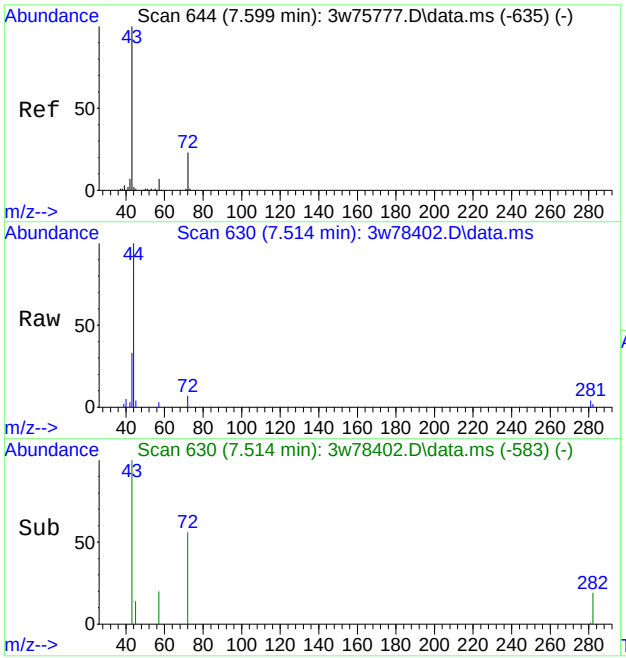


#38
HEXANE
Concen: 0.24 PPBV
RT: 8.031 min Scan# 715
Delta R.T. -0.061 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 57 Resp: 5290

Ion	Ratio	Lower	Upper
57	100		
56	55.2	34.8	74.8
41	96.1	116.4	156.4#

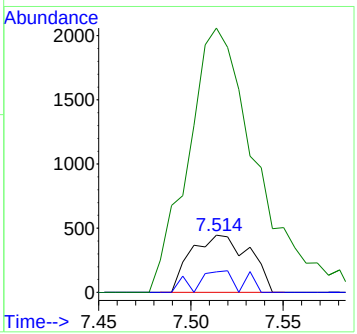


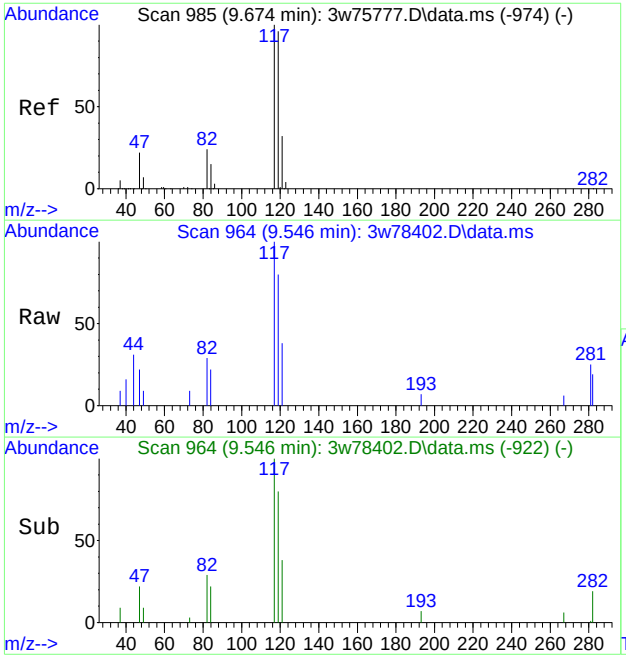


#41
METHYL ETHYL KETONE
Concen: 0.15 PPBV
RT: 7.514 min Scan# 630
Delta R.T. -0.042 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 72 Resp: 984

Ion	Ratio	Lower	Upper
72	100		
57	35.7	10.2	50.2
43	463.1	431.2	471.2

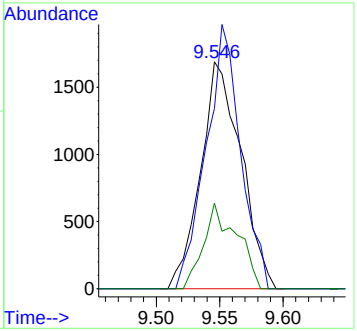


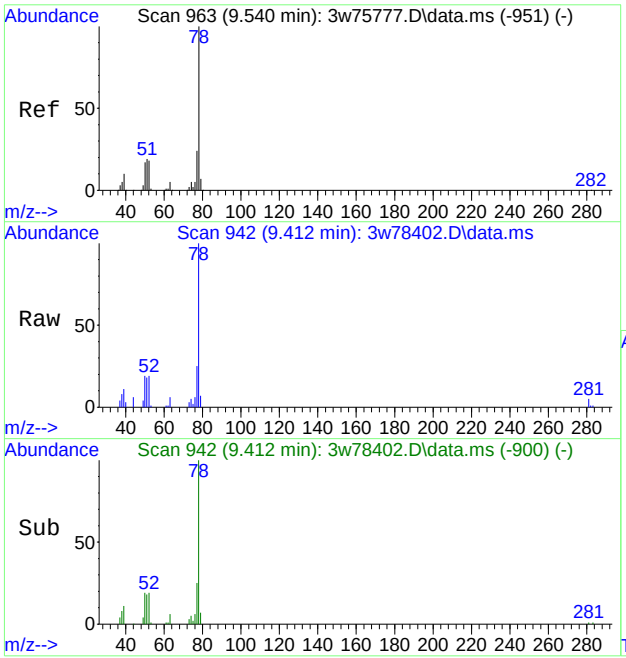


#49
CARBON TETRACHLORIDE
Concen: 0.10 PPBV
RT: 9.546 min Scan# 964
Delta R.T. -0.073 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion:117 Resp: 3743

Ion	Ratio	Lower	Upper
117	100		
119	99.1	75.9	115.9
121	31.0	11.3	51.3

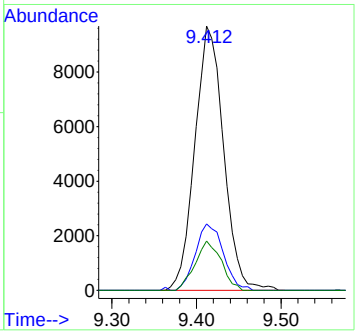


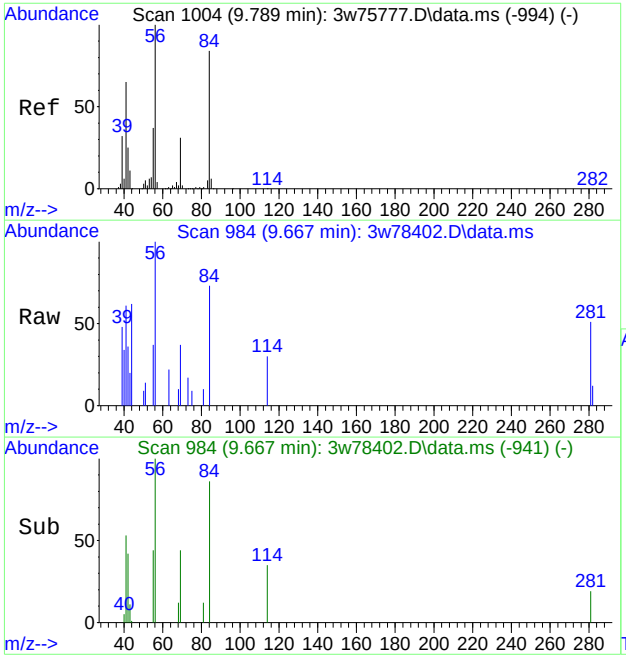


#52
BENZENE
Concen: 0.52 PPBV
RT: 9.412 min Scan# 942
Delta R.T. -0.073 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 78 Resp: 22906

Ion	Ratio	Lower	Upper
78	100		
77	24.4	4.0	44.0
52	17.0	0.0	36.8

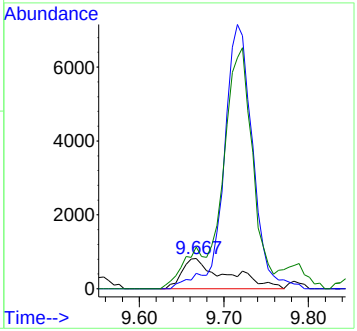


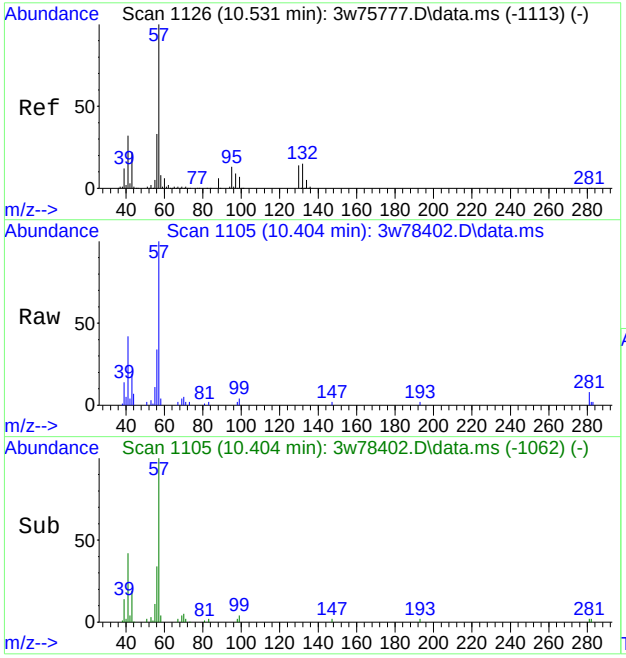


#53
CYCLOHEXANE
Concen: 0.15 PPBV
RT: 9.667 min Scan# 984
Delta R.T. -0.067 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 84 Resp: 3022

Ion	Ratio	Lower	Upper
84	100		
69	0.0	24.9	64.9#
56	70.2	106.4	146.4#

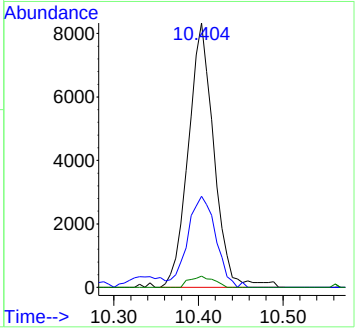


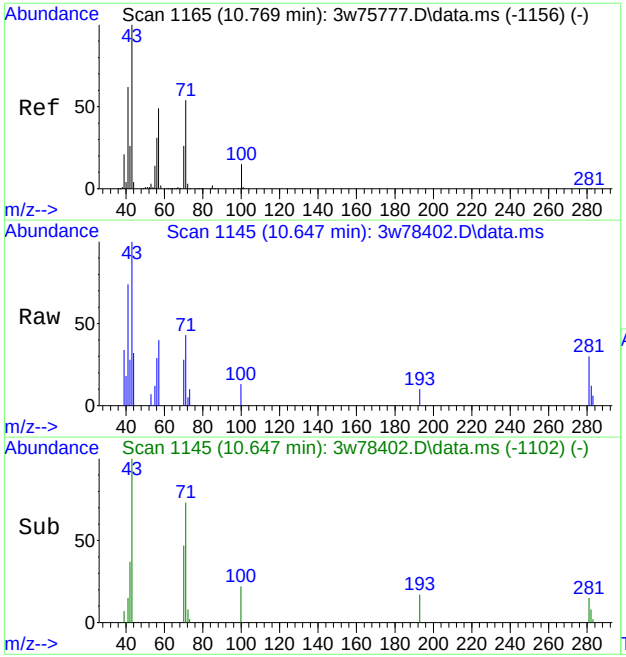


#60
2,2,4-TRIMETHYLPENTANE
Concen: 0.25 PPBV
RT: 10.404 min Scan# 1105
Delta R.T. -0.066 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 57 Resp: 17528

Ion	Ratio	Lower	Upper
57	100		
56	38.1	13.0	53.0
99	4.0	0.0	27.7

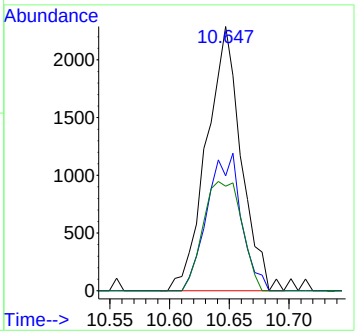


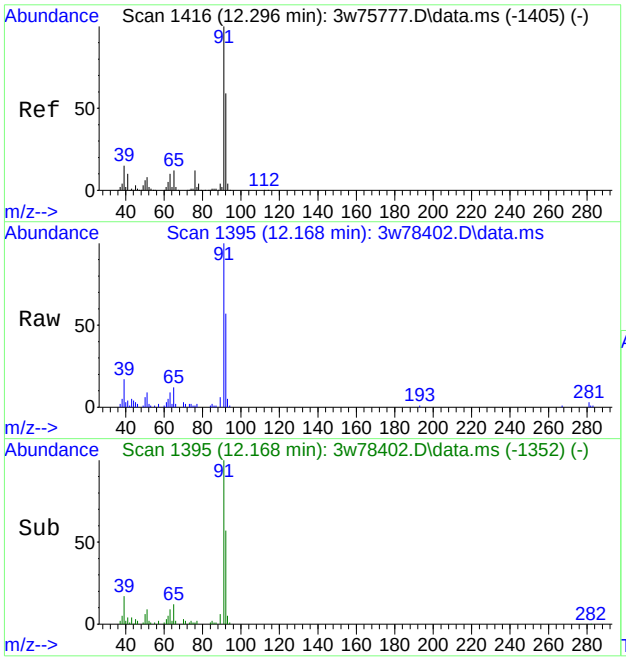


#62
HEPTANE
Concen: 0.15 PPBV
RT: 10.647 min Scan# 1145
Delta R.T. -0.067 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 43 Resp: 4614

Ion	Ratio	Lower	Upper
43	100		
71	51.1	30.7	70.7
57	46.2	25.8	65.8

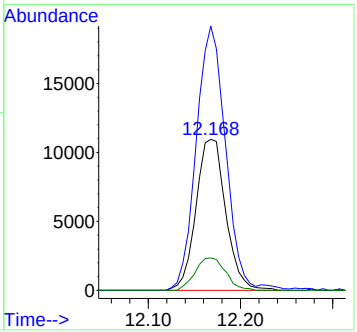


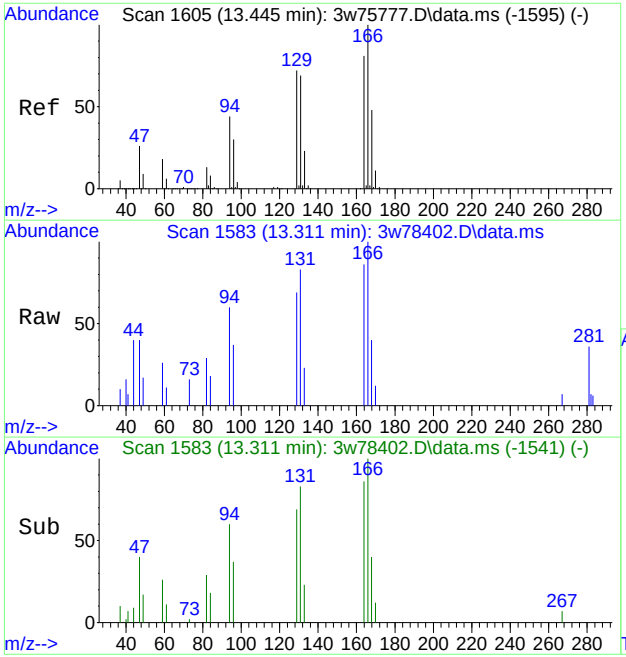


#66
TOLUENE
Concen: 0.77 PPBV
RT: 12.168 min Scan# 1395
Delta R.T. -0.067 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 92 Resp: 24616

Ion	Ratio	Lower	Upper
92	100		
91	173.9	153.5	193.5
65	21.9	3.3	43.3

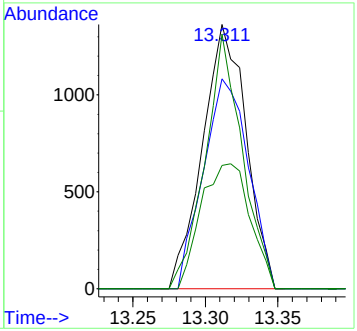


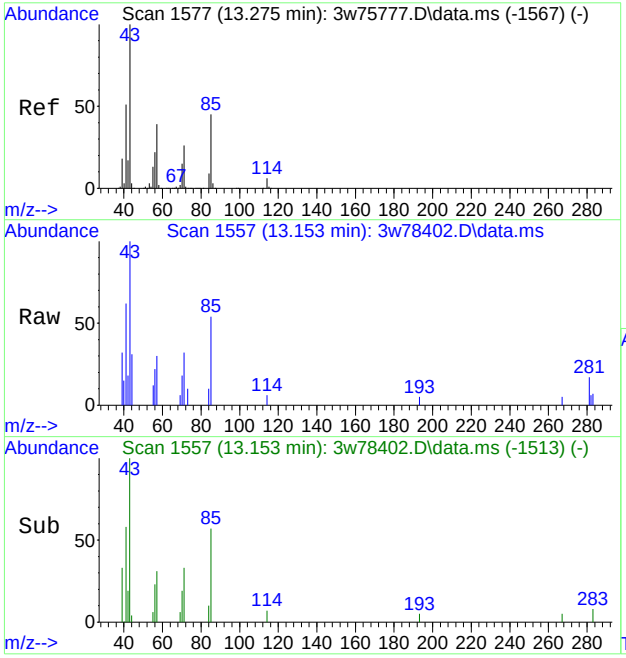


#73
TETRACHLOROETHYLENE
Concen: 0.14 PPBV
RT: 13.311 min Scan# 1583
Delta R.T. -0.073 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion:164 Resp: 2856

Ion	Ratio	Lower	Upper
164	100		
129	82.4	70.9	110.9
168	53.2	41.6	81.6
131	82.2	68.3	108.3

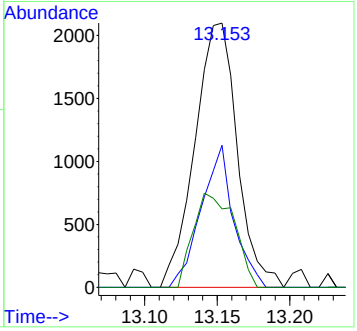


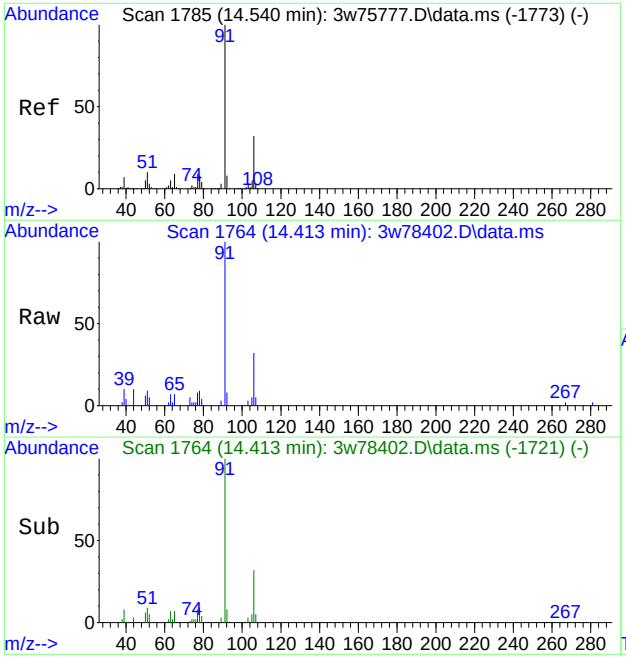


#76
OCTANE
Concen: 0.12 PPBV
RT: 13.153 min Scan# 1557
Delta R.T. -0.061 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 43 Resp: 4289

Ion	Ratio	Lower	Upper
43	100		
85	41.2	19.7	59.7
57	34.4	14.8	54.8

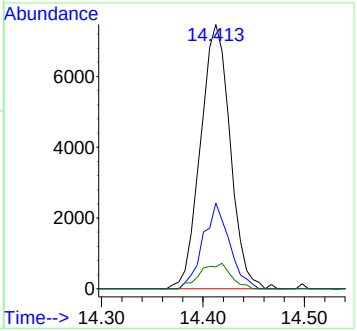


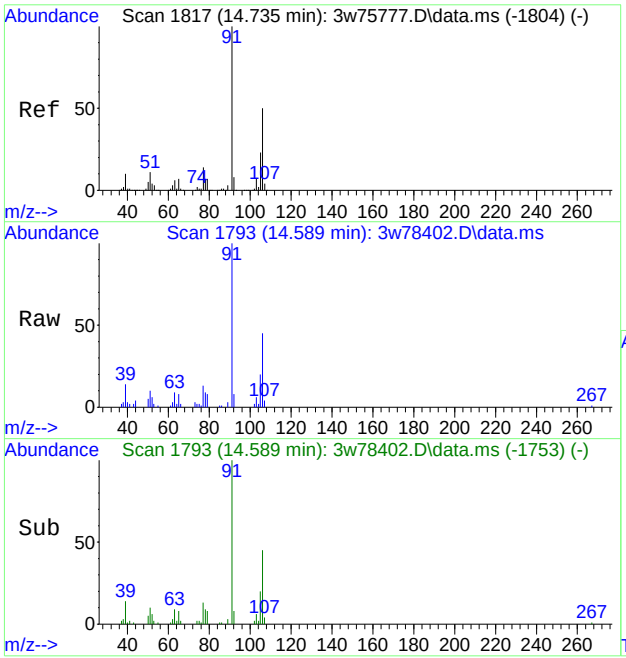


#79
ETHYLBENZENE
Concen: 0.23 PPBV
RT: 14.413 min Scan# 1764
Delta R.T. -0.066 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion: 91 Resp: 15189

Ion	Ratio	Lower	Upper
91	100		
106	28.9	11.5	51.5
77	10.1	0.0	28.9

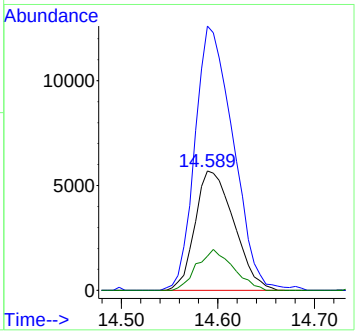


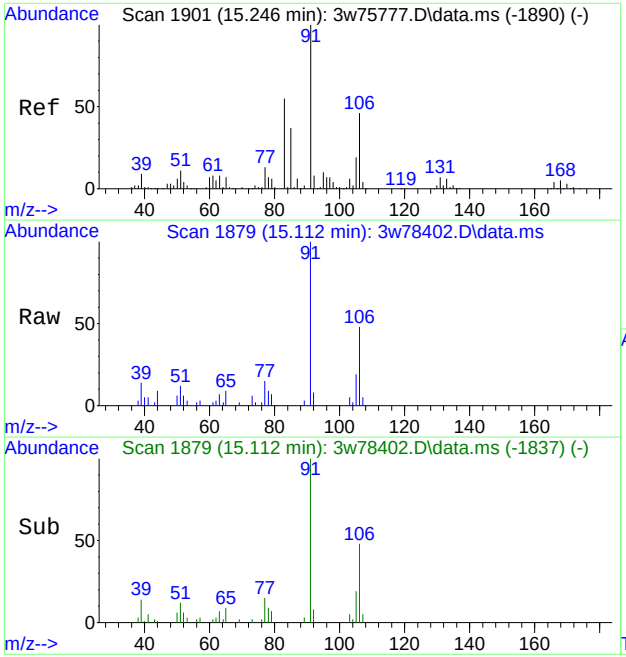


#80
m,p-XYLENE
Concen: 0.64 PPBV
RT: 14.589 min Scan# 1793
Delta R.T. -0.085 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion:106 Resp: 15979

Ion	Ratio	Lower	Upper
106	100		
91	221.7	182.9	222.9
77	28.6	8.2	48.2

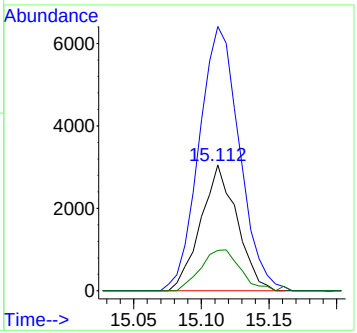


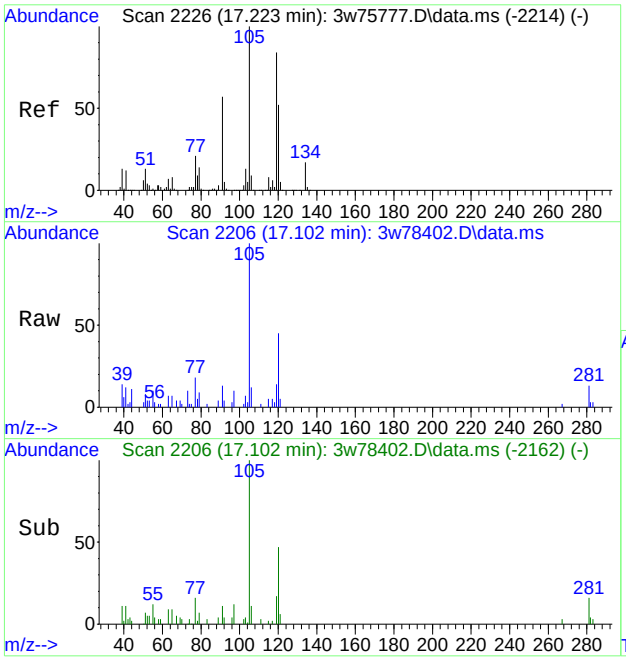


#81
o-XYLENE
Concen: 0.24 PPBV
RT: 15.112 min Scan# 1879
Delta R.T. -0.073 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion:106 Resp: 5707

Ion	Ratio	Lower	Upper
106	100		
91	233.3	194.1	234.1
77	36.1	7.8	47.8

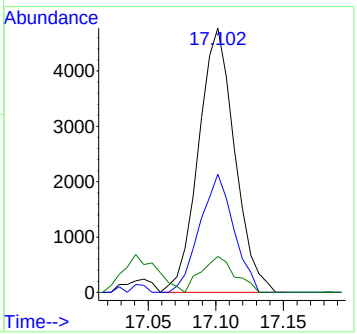


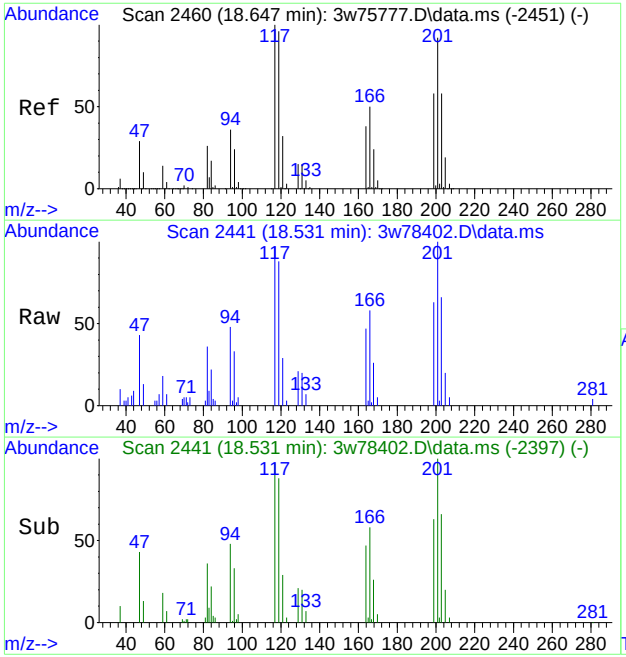


#96
1,2,4-TRIMETHYLBENZENE
Concen: 0.16 PPBV
RT: 17.102 min Scan# 2206
Delta R.T. -0.060 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion:105 Resp: 8888

Ion	Ratio	Lower	Upper
105	100		
120	42.0	33.9	73.9
119	12.7	84.2	124.2#

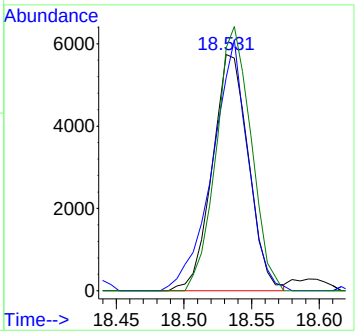




#105
HEXACHLOROETHANE
Concen: 0.40 PPBV
RT: 18.531 min Scan# 2441
Delta R.T. -0.061 min
Lab File: 3w78402.D
Acq: 14 Dec 2022 4:21 am

Tgt Ion:117 Resp: 10692

Ion	Ratio	Lower	Upper
117	100		
119	104.5	76.2	114.4
201	107.9	69.9	104.9#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78385.D
Acq On : 13 Dec 2022 3:03 pm
Operator : thomash
Sample : mb
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:31:49 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

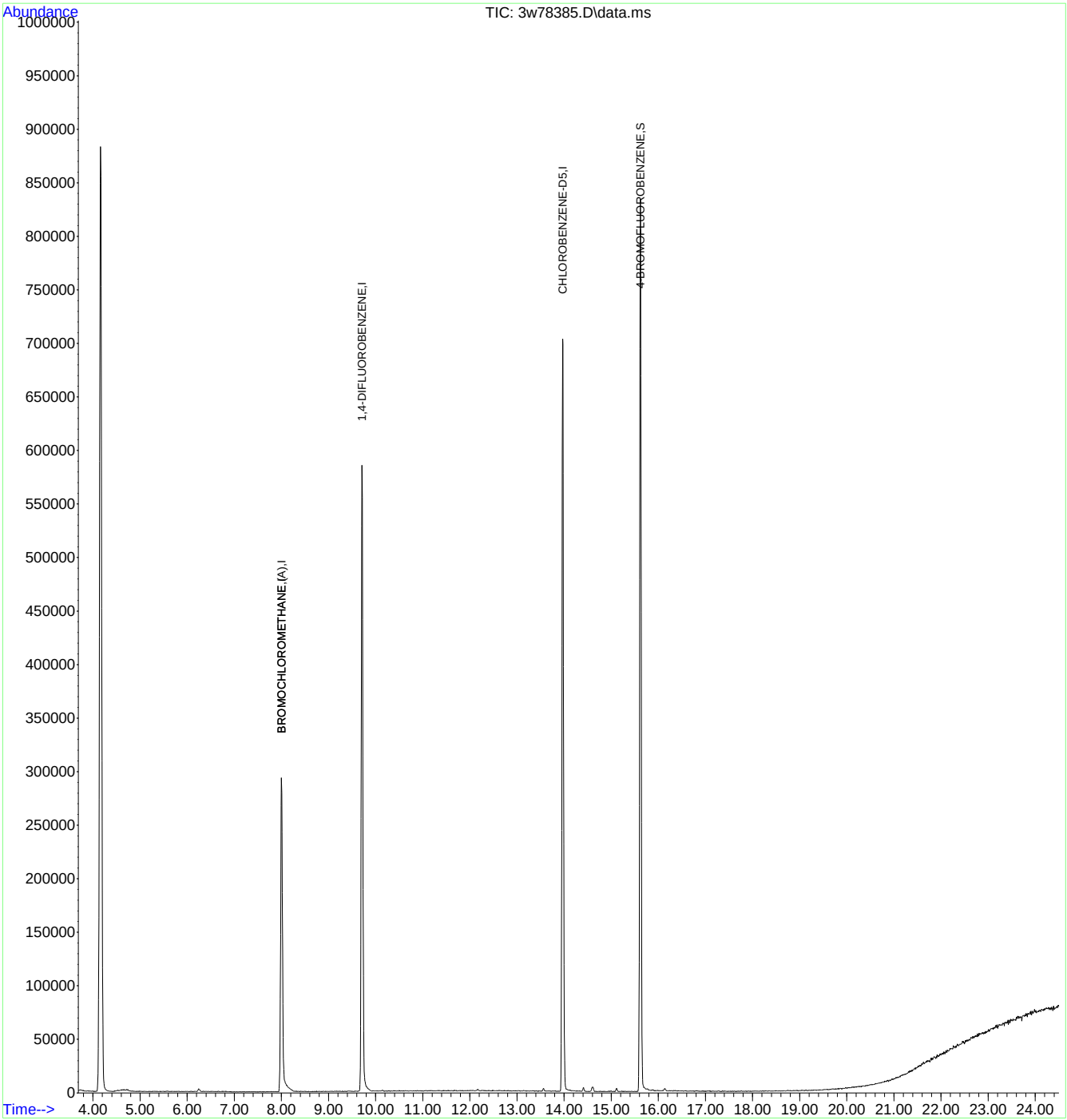
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	8.001	128	108137	10.00	PPBV	-0.08
51) 1,4-DIFLUOROBENZENE	9.710	114	553169	10.00	PPBV	-0.07
70) CHLOROBENZENE-D5	13.969	82	283021	10.00	PPBV	-0.07
109) BROMOCHLOROMETHANE (A)	8.001	128	108137	10.00	PPBV	-0.08
System Monitoring Compounds						
85) 4-BROMOFLUOROBENZENE	15.617	95	329788	9.98	PPBV	-0.07
Spiked Amount 10.000	Range 65 - 128		Recovery = 99.80%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78385.D
Acq On : 13 Dec 2022 3:03 pm
Operator : thomash
Sample : mb
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:31:49 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26830.D
Acq On : 3 Nov 2022 2:39 pm
Operator : thomash
Sample : mb
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 04 15:20:12 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

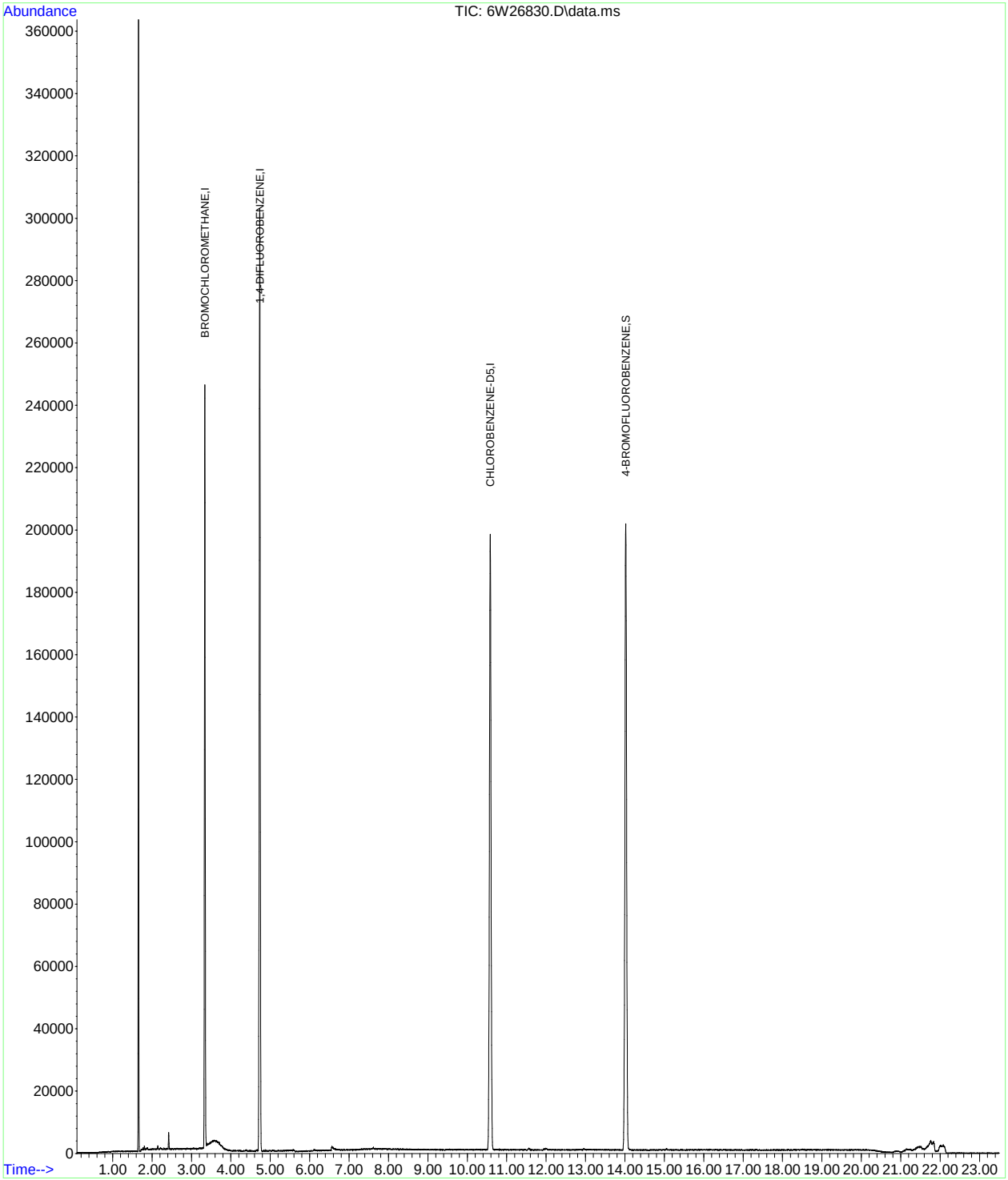
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.338	128	44863	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.734	114	225395	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.582	117	177281	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.019	95	121077	9.78	PPBV	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26830.D
Acq On : 3 Nov 2022 2:39 pm
Operator : thomash
Sample : mb
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 04 15:20:12 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26949.D
Acq On : 7 Nov 2022 10:43 am
Operator : thomash
Sample : mb
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 11:08:29 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

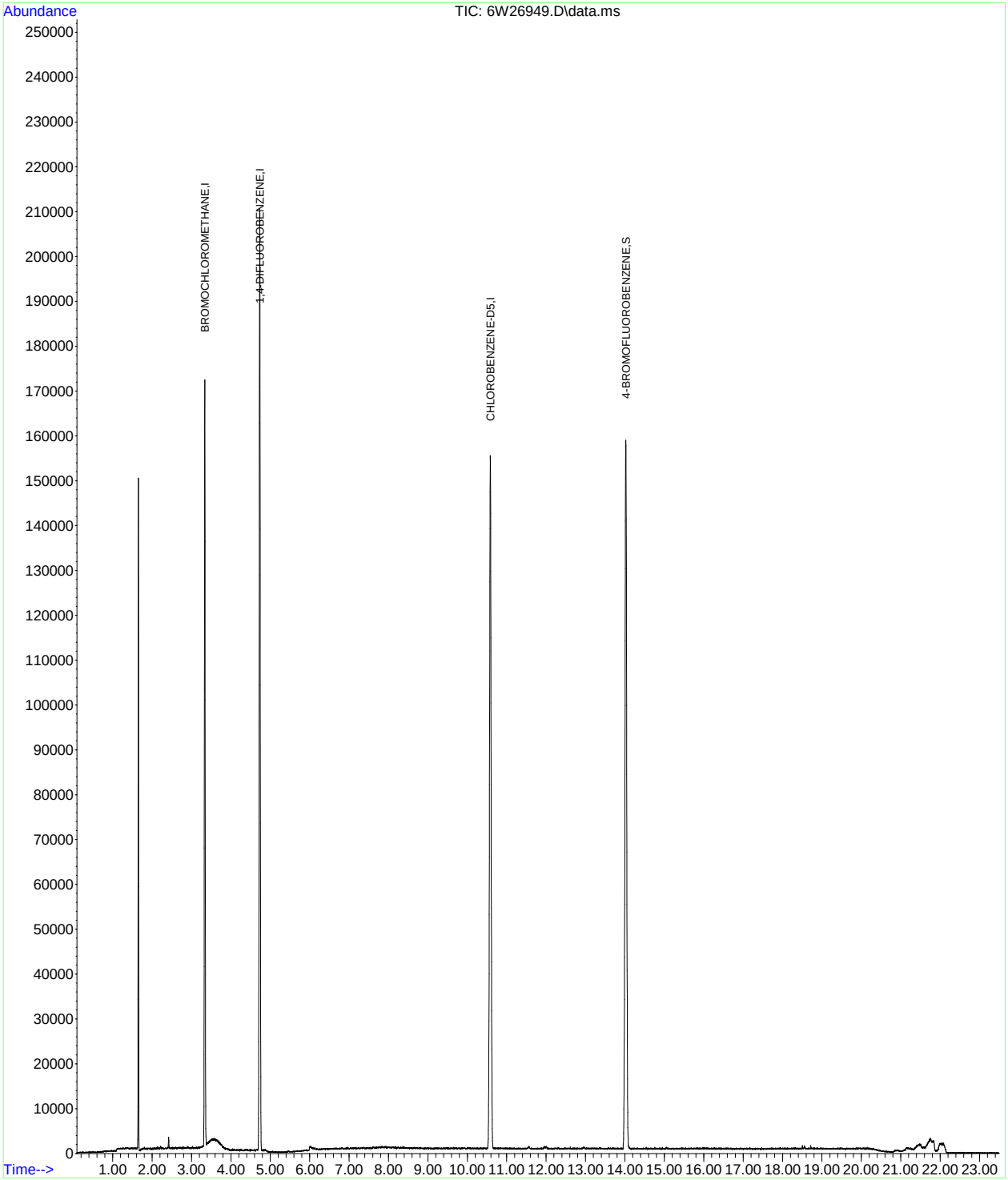
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.338	128	30854	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.734	114	156725	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.589	117	134741	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.026	95	94378	10.03	PPBV	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26949.D
Acq On : 7 Nov 2022 10:43 am
Operator : thomash
Sample : mb
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 11:08:29 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26995.D
Acq On : 8 Nov 2022 5:27 pm
Operator : thomash
Sample : mb
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 08 18:35:47 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

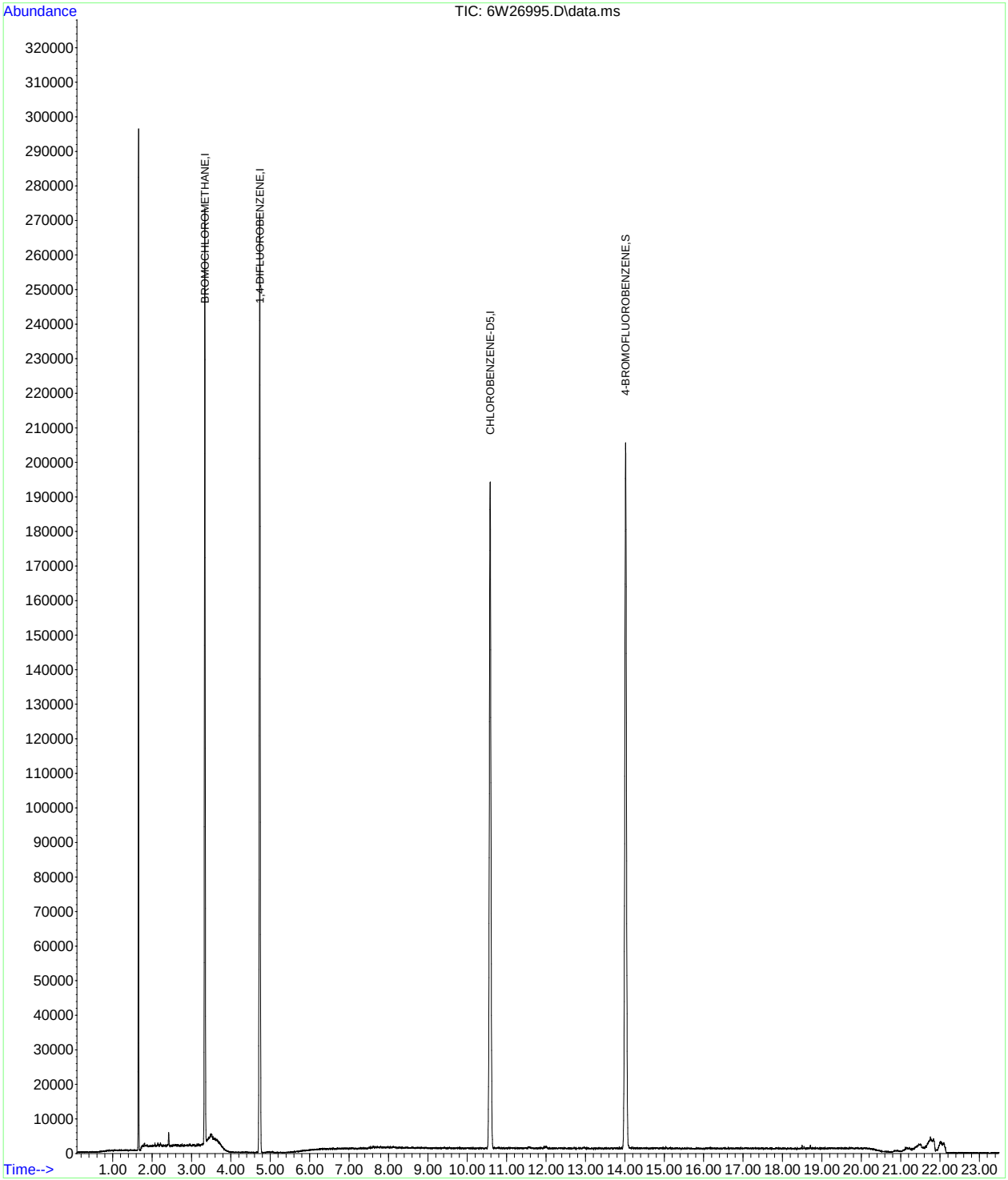
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.338	128	42962	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	188822	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.582	117	158207	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.016	95	117044	10.59	PPBV	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26995.D
Acq On : 8 Nov 2022 5:27 pm
Operator : thomash
Sample : mb
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 08 18:35:47 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78382.D
Acq On : 13 Dec 2022 12:42 pm
Operator : thomash
Sample : bs
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:30:17 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.007	128	114839	10.00	PPBV		-0.07
51) 1,4-DIFLUOROBENZENE	9.716	114	611275	10.00	PPBV		-0.07
70) CHLOROBENZENE-D5	13.975	82	347990	10.00	PPBV		-0.07
109) BROMOCHLOROMETHANE (A)	8.007	128	114839	10.00	PPBV		-0.07
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.623	95	412246	10.15	PPBV		-0.07
Spiked Amount 10.000	Range 65 - 128		Recovery = 101.50%				
Target Compounds							Qvalue
3) FREON 152A	4.289	65	110541	10.60	PPBV		97
4) CHLORODIFLUOROMETHANE	4.320	67	63328	12.03	PPBV		96
5) CHLOROTRIFLUOROETHENE	4.350	116	232452	9.99	PPBV	#	97
6) DICHLORODIFLUOROMETHANE	4.399	85	610171	10.97	PPBV		99
7) PROPYLENE	4.344	41	152232	9.27	PPBV		99
8) 1-CHLORO-1,1-DIFLUOROE...	4.502	65	442939	11.16	PPBV		96
9) FREON 114	4.588	85	430311	9.55	PPBV		100
10) CHLOROMETHANE	4.521	52	41256	8.75	PPBV		99
11) VINYL CHLORIDE	4.685	62	144988	8.93	PPBV		99
12) 1,3-BUTADIENE	4.782	54	101047	8.23	PPBV		92
13) n-BUTANE	4.819	43	225172	7.70	PPBV		99
14) BROMOMETHANE	4.989	94	138279	8.95	PPBV		97
15) CHLOROETHANE	5.111	64	67171	9.57	PPBV		99
16) DICHLOROFLUOROMETHANE	5.165	67	365744	10.34	PPBV		100
17) ACETONITRILE	5.354	41	126699	7.31	PPBV		96
18) ACROLEIN	5.445	56	53445	8.64	PPBV		97
19) FREON 123	5.458	83	342141	8.67	PPBV		98
20) FREON 123A	5.500	117	183888	8.38	PPBV		93
21) TRICHLOROFLUOROMETHANE	5.677	101	529202	11.02	PPBV		99
22) ISOPROPYL ALCOHOL	5.719	45	358149	9.64	PPBV		97
23) ACETONE	5.549	58	64656	7.40	PPBV	#	82
24) PENTANE	5.932	42	195984	9.46	PPBV		95
25) IODOMETHANE	6.115	142	479990	10.44	PPBV		89
26) 1,1-DICHLOROETHYLENE	6.157	96	174000	10.42	PPBV		96
27) CARBON DISULFIDE	6.516	76	534365	10.75	PPBV		99
28) ETHANOL	5.184	45	66541	8.16	PPBV		98
29) BROMOETHENE	5.366	106	134412	9.20	PPBV		97
30) ACRYLONITRILE	5.889	52	109658	11.03	PPBV		97
31) METHYLENE CHLORIDE	6.248	84	160965	9.80	PPBV		96
32) 3-CHLOROPROPENE	6.340	76	88015	11.02	PPBV	#	93
33) FREON 113	6.443	151	316858	10.54	PPBV		97
34) TRANS-1,2-DICHLOROETHY...	6.991	96	182565	10.71	PPBV		97
35) TERTIARY BUTYL ALCOHOL	6.188	59	440789	11.25	PPBV		100
36) METHYL TERTIARY BUTYL ...	7.204	73	576568	11.26	PPBV		97
37) TETRAHYDROFURAN	8.487	72	91948	11.42	PPBV	#	91
38) HEXANE	8.019	57	277048	10.23	PPBV		100
39) VINYL ACETATE	7.258	86	40121	11.12	PPBV		98
40) 1,1-DICHLOROETHANE	7.161	63	348556	10.78	PPBV		99
41) METHYL ETHYL KETONE	7.489	72	90911	11.23	PPBV		94
42) cis-1,2-DICHLOROETHYLENE	7.861	96	191332	10.86	PPBV		97
43) DIISOPROPYL ETHER	8.013	59	83660	10.09	PPBV	#	90
44) ETHYL ACETATE	8.031	61	61420	10.73	PPBV	#	78
45) METHYL ACRYLATE	8.031	55	338331	10.44	PPBV		99
46) CHLOROFORM	8.116	83	440330	11.24	PPBV		98
47) 2,4-DIMETHYLPENTANE	8.791	57	333902	10.68	PPBV		97
48) 1,1,1-TRICHLOROETHANE	8.992	97	473904	11.45	PPBV		100
49) CARBON TETRACHLORIDE	9.546	117	520011	11.75	PPBV		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78382.D
Acq On : 13 Dec 2022 12:42 pm
Operator : thomash
Sample : bs
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:30:17 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 1,2-DICHLOROETHANE	8.767	62	311816	11.69	PPBV		99
52) BENZENE	9.412	78	573748	9.92	PPBV		99
53) CYCLOHEXANE	9.661	84	242321	9.38	PPBV		97
54) 2,3-DIMETHYLPENTANE	9.862	71	127384	9.98	PPBV		97
55) TRICHLOROETHYLENE	10.385	95	267058	9.85	PPBV		96
56) 1,2-DICHLOROPROPANE	10.166	63	215141	9.34	PPBV		94
57) DIBROMOMETHANE	10.148	174	248843	10.12	PPBV		99
58) ETHYL ACRYLATE	10.142	55	439795	10.19	PPBV		99
59) BROMODICHLOROMETHANE	10.349	83	497226	10.60	PPBV		98
60) 2,2,4-TRIMETHYLPENTANE	10.397	57	908709	9.76	PPBV		98
61) 1,4-DIOXANE	10.391	88	130480	10.63	PPBV	#	86
62) HEPTANE	10.641	43	354428	9.07	PPBV		96
63) METHYL METHACRYLATE	10.556	69	214421	10.40	PPBV		95
64) METHYL ISOBUTYL KETONE	11.237	58	175795	10.35	PPBV		95
65) cis-1,3-DICHLOROPROPENE	11.206	75	364612	10.54	PPBV		100
66) TOLUENE	12.168	92	393405	9.43	PPBV		99
67) 1,3-DICHLOROPROPANE	12.192	76	339779	9.70	PPBV		99
68) trans-1,3-DICHLOROPROPENE	11.711	75	349003	11.06	PPBV		99
69) 1,1,2-TRICHLOROETHANE	11.894	83	212391	9.84	PPBV		98
71) 2-HEXANONE	12.423	58	240397	11.04	PPBV		97
72) ETHYL METHACRYLATE	12.429	69	368436	10.64	PPBV		97
73) TETRACHLOROETHYLENE	13.311	164	295695	9.22	PPBV		100
74) DIBROMOCHLOROMETHANE	12.600	129	473622	9.90	PPBV		100
75) 1,2-DIBROMOETHANE	12.849	107	376394	9.84	PPBV		99
76) OCTANE	13.147	43	498489	9.05	PPBV		96
77) 1,1,1,2-TETRACHLOROETHANE	13.999	131	331071	9.67	PPBV		95
78) CHLOROBENZENE	14.023	112	541175	9.24	PPBV		94
79) ETHYLBENZENE	14.413	91	950448	9.28	PPBV		98
80) m,p-XYLENE	14.607	106	698409	17.98	PPBV		95
81) o-XYLENE	15.112	106	330507	8.87	PPBV		94
82) STYRENE	14.997	104	534009	10.14	PPBV		96
83) NONANE	15.349	43	528714	9.21	PPBV		98
84) BROMOFORM	14.698	173	500960	10.56	PPBV		99
86) 1,1,2,2-TETRACHLOROETHANE	15.112	83	530360	9.32	PPBV		99
87) 1,2,3-TRICHLOROPROPANE	15.252	75	434479	9.76	PPBV		97
88) ISOPROPYLBENZENE	15.775	105	1041466	9.62	PPBV		98
89) BROMOBENZENE	15.879	77	518484	10.08	PPBV		95
90) 2-CHLOROTOLUENE	16.323	126	260729	9.45	PPBV		100
91) n-PROPYLBENZENE	16.365	120	280263	9.74	PPBV		98
92) 4-ETHYLTOLUENE	16.536	105	1037487	10.08	PPBV		100
93) 1,3,5-TRIMETHYLBENZENE	16.621	105	889094	10.15	PPBV		98
94) ALPHA-METHYLSTYRENE	16.809	118	446741	10.58	PPBV		98
95) tert-BUTYLBENZENE	17.095	134	186388	9.33	PPBV	#	84
96) 1,2,4-TRIMETHYLBENZENE	17.101	105	905170	10.23	PPBV		99
97) m-DICHLOROBENZENE	17.278	146	574220	10.00	PPBV		99
98) BENZYL CHLORIDE	17.260	91	798336	13.04	PPBV		98
99) p-DICHLOROBENZENE	17.357	146	568171	10.24	PPBV		99
100) sec-BUTYLBENZENE	17.412	134	243569	9.39	PPBV	#	91
101) 1,2,3-Trimethylbenzene	17.600	105	922510	10.11	PPBV		97
102) p-ISOPROPYLTOLUENE	17.412	134	243569	8.55	PPBV		96
103) o-DICHLOROBENZENE	17.752	146	569852	9.96	PPBV		99
104) n-BUTYLBENZENE	18.093	134	267039	10.27	PPBV		92
105) HEXACHLOROETHANE	18.537	117	409131	9.93	PPBV		92
106) HEXACHLOROBUTADIENE	20.271	225	775046	13.10	PPBV		99
107) 1,2,4-TRICHLOROBENZENE	19.748	180	536415	12.64	PPBV		99
108) NAPHTHALENE	19.869	128	1094928	12.56	PPBV		99
110) TVHC as equiv Pentane	5.932	TIC	1252725	10.11	PPBV		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78382.D
Acq On : 13 Dec 2022 12:42 pm
Operator : thomash
Sample : bs
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:30:17 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

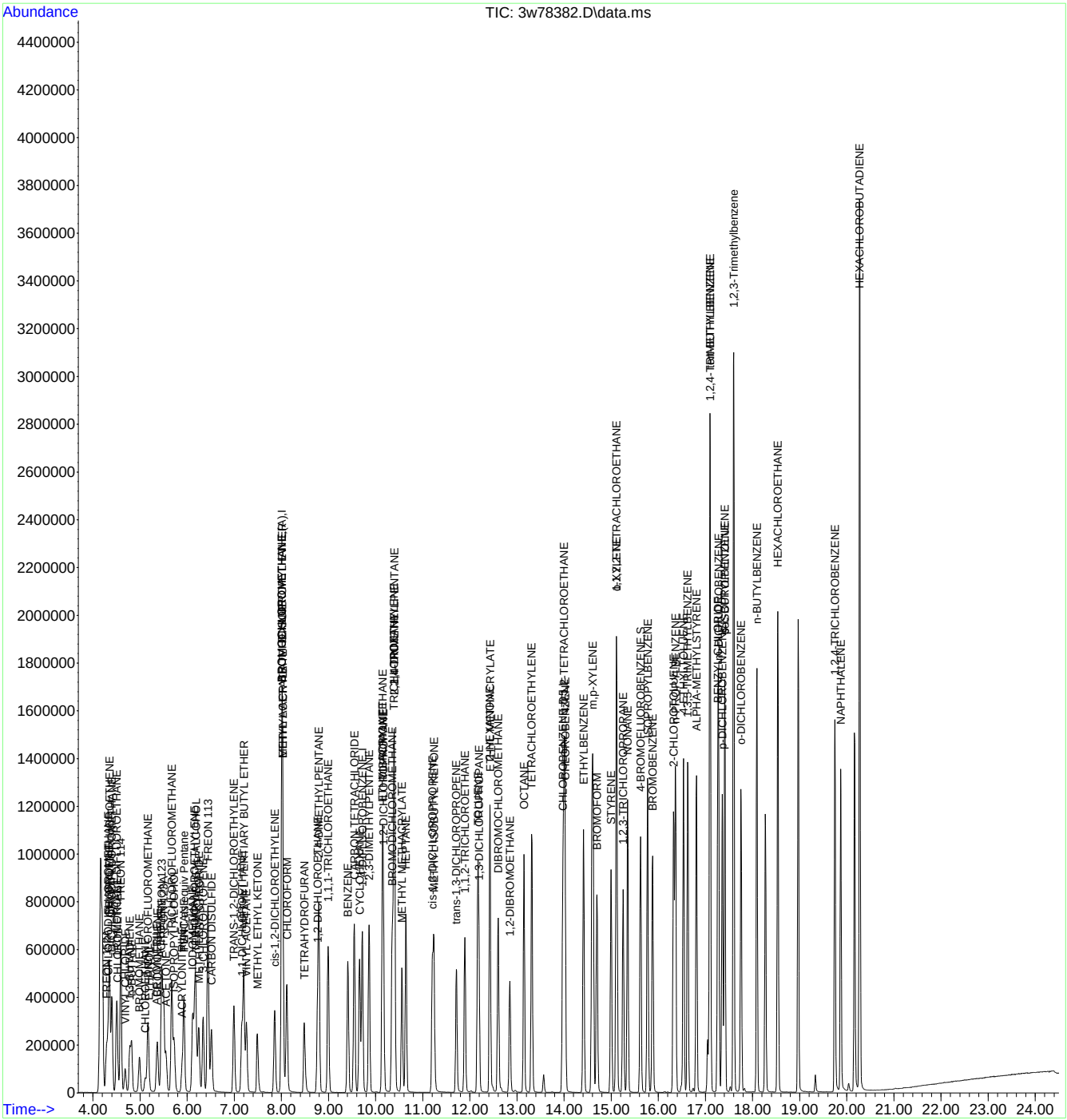
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78382.D
Acq On : 13 Dec 2022 12:42 pm
Operator : thomash
Sample : bs
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:30:17 2022
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QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78383.D
Acq On : 13 Dec 2022 1:22 pm
Operator : thomash
Sample : bsd
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:30:40 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.007	128	108085	10.00	PPBV		-0.07
51) 1,4-DIFLUOROBENZENE	9.716	114	580236	10.00	PPBV		-0.07
70) CHLOROBENZENE-D5	13.975	82	337975	10.00	PPBV		-0.07
109) BROMOCHLOROMETHANE (A)	8.007	128	108085	10.00	PPBV		-0.07
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.623	95	397855	10.08	PPBV		-0.07
Spiked Amount 10.000	Range 65 - 128		Recovery = 100.80%				
Target Compounds							Qvalue
3) FREON 152A	4.290	65	104356	10.63	PPBV		99
4) CHLORODIFLUOROMETHANE	4.320	67	63111	12.74	PPBV		97
5) CHLOROTRIFLUOROETHENE	4.351	116	219943	10.04	PPBV	#	97
6) DICHLORODIFLUOROMETHANE	4.399	85	586396	11.20	PPBV		99
7) PROPYLENE	4.344	41	144727	9.37	PPBV		98
8) 1-CHLORO-1,1-DIFLUOROE...	4.503	65	431850	11.56	PPBV		96
9) FREON 114	4.588	85	417197	9.83	PPBV		99
10) CHLOROMETHANE	4.521	52	40673	9.16	PPBV	#	86
11) VINYL CHLORIDE	4.685	62	142024	9.30	PPBV		100
12) 1,3-BUTADIENE	4.782	54	98445	8.52	PPBV		91
13) n-BUTANE	4.819	43	220015	8.00	PPBV		99
14) BROMOMETHANE	4.983	94	131039	9.01	PPBV		99
15) CHLOROETHANE	5.111	64	65381	9.89	PPBV		87
16) DICHLOROFLUOROMETHANE	5.166	67	355349	10.67	PPBV		99
17) ACETONITRILE	5.354	41	121071	7.42	PPBV		96
18) ACROLEIN	5.452	56	51478	8.85	PPBV		99
19) FREON 123	5.458	83	332011	8.94	PPBV		97
20) FREON 123A	5.500	117	180190	8.72	PPBV		93
21) TRICHLOROFLUOROMETHANE	5.677	101	510768	11.30	PPBV		100
22) ISOPROPYL ALCOHOL	5.719	45	344133	9.84	PPBV		97
23) ACETONE	5.549	58	66180	8.05	PPBV	#	84
24) PENTANE	5.932	42	188369	9.66	PPBV		95
25) IODOMETHANE	6.115	142	455158	10.51	PPBV		88
26) 1,1-DICHLOROETHYLENE	6.163	96	162402	10.33	PPBV		93
27) CARBON DISULFIDE	6.516	76	505702	10.81	PPBV		100
28) ETHANOL	5.184	45	65180	8.50	PPBV		98
29) BROMOETHENE	5.373	106	130464	9.48	PPBV		98
30) ACRYLONITRILE	5.890	52	105033	11.23	PPBV		98
31) METHYLENE CHLORIDE	6.243	84	151406	9.79	PPBV		96
32) 3-CHLOROPROPENE	6.340	76	82890	11.02	PPBV	#	94
33) FREON 113	6.443	151	298112	10.53	PPBV		97
34) TRANS-1,2-DICHLOROETHY...	6.991	96	174376	10.87	PPBV		96
35) TERTIARY BUTYL ALCOHOL	6.182	59	421777	11.44	PPBV		99
36) METHYL TERTIARY BUTYL ...	7.198	73	552208	11.46	PPBV		97
37) TETRAHYDROFURAN	8.487	72	86713	11.45	PPBV	#	91
38) HEXANE	8.019	57	262467	10.30	PPBV		99
39) VINYL ACETATE	7.258	86	38143	11.23	PPBV	#	96
40) 1,1-DICHLOROETHANE	7.161	63	335202	11.02	PPBV		99
41) METHYL ETHYL KETONE	7.490	72	85986	11.29	PPBV		96
42) cis-1,2-DICHLOROETHYLENE	7.861	96	178111	10.74	PPBV		95
43) DIISOPROPYL ETHER	8.013	59	79187	10.14	PPBV	#	92
44) ETHYL ACETATE	8.031	61	57309	10.63	PPBV	#	85
45) METHYL ACRYLATE	8.031	55	325116	10.66	PPBV		99
46) CHLOROFORM	8.116	83	421538	11.43	PPBV		98
47) 2,4-DIMETHYLPENTANE	8.792	57	317303	10.78	PPBV		98
48) 1,1,1-TRICHLOROETHANE	8.992	97	458463	11.77	PPBV		100
49) CARBON TETRACHLORIDE	9.546	117	501757	12.04	PPBV		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78383.D
Acq On : 13 Dec 2022 1:22 pm
Operator : thomash
Sample : bsd
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:30:40 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50)	1,2-DICHLOROETHANE	8.767	62	302971	12.07	PPBV		99
52)	BENZENE	9.412	78	546981	9.97	PPBV		99
53)	CYCLOHEXANE	9.661	84	228120	9.31	PPBV		98
54)	2,3-DIMETHYLPENTANE	9.862	71	121426	10.03	PPBV		98
55)	TRICHLOROETHYLENE	10.379	95	255768	9.94	PPBV		96
56)	1,2-DICHLOROPROPANE	10.166	63	209028	9.56	PPBV		94
57)	DIBROMOMETHANE	10.148	174	239166	10.25	PPBV		99
58)	ETHYL ACRYLATE	10.142	55	425700	10.39	PPBV		99
59)	BROMODICHLOROMETHANE	10.349	83	479605	10.77	PPBV		98
60)	2,2,4-TRIMETHYLPENTANE	10.398	57	876457	9.92	PPBV		98
61)	1,4-DIOXANE	10.392	88	124757	10.71	PPBV	#	86
62)	HEPTANE	10.641	43	344911	9.30	PPBV		96
63)	METHYL METHACRYLATE	10.556	69	208374	10.65	PPBV		96
64)	METHYL ISOBUTYL KETONE	11.237	58	170834	10.59	PPBV		96
65)	cis-1,3-DICHLOROPROPENE	11.207	75	353526	10.76	PPBV		98
66)	TOLUENE	12.168	92	388246	9.80	PPBV		99
67)	1,3-DICHLOROPROPANE	12.192	76	338427	10.18	PPBV		98
68)	trans-1,3-DICHLOROPROPENE	11.712	75	343186	11.46	PPBV		99
69)	1,1,2-TRICHLOROETHANE	11.894	83	208353	10.17	PPBV		97
71)	2-HEXANONE	12.423	58	237630	11.24	PPBV		97
72)	ETHYL METHACRYLATE	12.430	69	367942	10.94	PPBV		97
73)	TETRACHLOROETHYLENE	13.312	164	290703	9.34	PPBV		99
74)	DIBROMOCHLOROMETHANE	12.600	129	461594	9.93	PPBV		100
75)	1,2-DIBROMOETHANE	12.849	107	369371	9.94	PPBV		100
76)	OCTANE	13.147	43	497110	9.29	PPBV		96
77)	1,1,1,2-TETRACHLOROETHANE	13.999	131	322214	9.69	PPBV		94
78)	CHLOROBENZENE	14.023	112	526197	9.25	PPBV		94
79)	ETHYLBENZENE	14.413	91	916091	9.21	PPBV		98
80)	m,p-XYLENE	14.607	106	668997	17.73	PPBV		94
81)	o-XYLENE	15.112	106	322108	8.90	PPBV		93
82)	STYRENE	14.997	104	517115	10.11	PPBV		96
83)	NONANE	15.350	43	518357	9.29	PPBV		98
84)	BROMOFORM	14.699	173	486645	10.56	PPBV		99
86)	1,1,2,2-TETRACHLOROETHANE	15.112	83	521030	9.43	PPBV		98
87)	1,2,3-TRICHLOROPROPANE	15.252	75	425532	9.84	PPBV		98
88)	ISOPROPYLBENZENE	15.769	105	1007896	9.58	PPBV		98
89)	BROMOBENZENE	15.879	77	504754	10.11	PPBV		94
90)	2-CHLOROTOLUENE	16.323	126	252805	9.43	PPBV		99
91)	n-PROPYLBENZENE	16.366	120	277453	9.93	PPBV		99
92)	4-ETHYLTOLUENE	16.536	105	1027471	10.28	PPBV		99
93)	1,3,5-TRIMETHYLBENZENE	16.627	105	877791	10.32	PPBV		98
94)	ALPHA-METHYLSTYRENE	16.810	118	434896	10.61	PPBV		98
95)	tert-BUTYLBENZENE	17.096	134	183463	9.45	PPBV	#	84
96)	1,2,4-TRIMETHYLBENZENE	17.102	105	884892	10.29	PPBV		99
97)	m-DICHLOROBENZENE	17.278	146	561984	10.08	PPBV		99
98)	BENZYL CHLORIDE	17.260	91	772971	13.00	PPBV		97
99)	p-DICHLOROBENZENE	17.357	146	550627	10.22	PPBV		99
100)	sec-BUTYLBENZENE	17.412	134	237398	9.42	PPBV	#	89
101)	1,2,3-Trimethylbenzene	17.594	105	913435	10.31	PPBV		97
102)	p-ISOPROPYLTOLUENE	17.412	134	237398	8.58	PPBV		96
103)	o-DICHLOROBENZENE	17.753	146	557331	10.03	PPBV		99
104)	n-BUTYLBENZENE	18.093	134	265149	10.50	PPBV		93
105)	HEXACHLOROETHANE	18.537	117	405243	10.13	PPBV		91
106)	HEXACHLOROBUTADIENE	20.271	225	770775	13.41	PPBV		100
107)	1,2,4-TRICHLOROBENZENE	19.748	180	530253	12.86	PPBV		99
108)	NAPHTHALENE	19.870	128	1077545	12.72	PPBV		99
110)	TVHC as equiv Pentane	5.932	TIC	1199107	10.28	PPBV		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78383.D
Acq On : 13 Dec 2022 1:22 pm
Operator : thomash
Sample : bsd
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:30:40 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

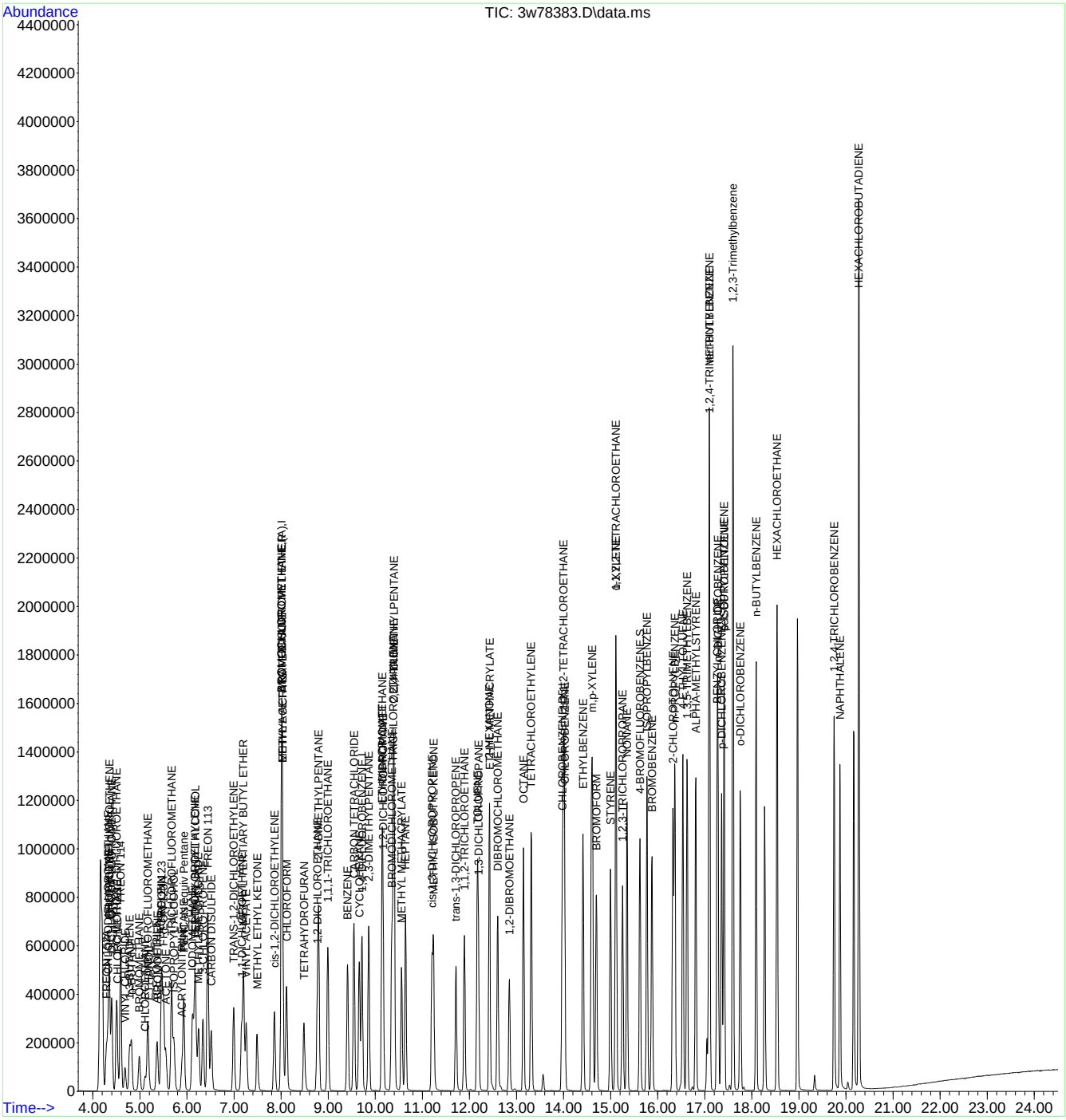
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78383.D
Acq On : 13 Dec 2022 1:22 pm
Operator : thomash
Sample : bsd
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:30:40 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 15:11

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26824.D
Acq On : 3 Nov 2022 10:14 am
Operator : thomash
Sample : bs
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 15:15:01 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.338	128	45781	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.734	114	229465	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.582	117	188055	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.023	95	132154	10.06	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	32453m	8.25	PPBV		
4) CHLORODIFLUOROMETHANE	1.708	67	14675	8.23	PPBV		97
5) CHLOROTRIFLUOROETHENE	1.718	116	73588	8.54	PPBV	#	100
6) DICHLORODIFLUOROMETHANE	1.730	85	170322	11.90	PPBV	#	94
7) PROPYLENE	1.714	41	45383	7.74	PPBV		96
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	125105	9.54	PPBV	#	89
9) FREON 114	1.798	85	152679	10.14	PPBV		97
10) CHLOROMETHANE	1.772	52	20030	9.69	PPBV		95
11) VINYL CHLORIDE	1.830	62	64728	10.32	PPBV		98
12) 1,3-BUTADIENE	1.866	54	52397	10.22	PPBV	#	76
13) N-BUTANE	1.878	43	105398	9.12	PPBV	#	92
14) BROMOMETHANE	1.933	94	54026	11.14	PPBV		99
15) CHLOROETHANE	1.978	64	33508	11.16	PPBV		97
16) DICHLOROFLUOROMETHANE	2.004	67	133222	10.45	PPBV	#	96
17) ACETONITRILE	2.065	41	67541	10.03	PPBV		97
18) ACROLEIN	2.100	56	31953	11.47	PPBV		100
19) FREON 123	2.116	83	130702	10.81	PPBV		96
20) FREON 123A	2.132	117	76515	10.50	PPBV		85
21) TRICHLOROFLUOROMETHANE	2.190	101	148520	9.95	PPBV		100
22) ISOPROPYL ALCOHOL	2.206	45	138301	9.18	PPBV	#	95
23) ACETONE	2.139	58	34733	10.25	PPBV	#	49
24) PENTANE	2.300	42	76962	9.58	PPBV	#	93
25) IODOMETHANE	2.357	142	153655	10.68	PPBV		88
26) 1,1-DICHLOROETHYLENE	2.383	96	56980	10.04	PPBV	#	60
27) CARBON DISULFIDE	2.521	76	177919	9.90	PPBV	#	91
28) ETHANOL	2.007	45	32893	9.46	PPBV	#	96
29) BROMOETHENE	2.071	106	55969	11.01	PPBV	#	98
30) ACRYLONITRILE	2.271	52	52667	10.37	PPBV		96
31) METHYLENE CHLORIDE	2.422	84	52705	9.26	PPBV	#	51
32) 3-CHLOROPROPENE	2.464	76	28193	10.18	PPBV	#	6
33) FREON 113	2.518	151	97033	9.64	PPBV		89
34) TRANS-1,2-DICHLOROETHENE	2.769	96	62055	9.79	PPBV	#	80
35) TERTIARY BUTYL ALCOHOL	2.396	59	108467	8.81	PPBV	#	87
36) METHYL TERTIARY BUTYL ...	2.888	73	128568	8.15	PPBV	#	93
37) TETRAHYDROFURAN	3.653	72	30706	10.48	PPBV	#	48
38) HEXANE	3.390	57	116144	9.45	PPBV	#	78
39) VINYL ACETATE	2.930	86	15872	10.45	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.853	63	116835	9.67	PPBV		99
41) METHYL ETHYL KETONE	3.039	72	31587	10.26	PPBV	#	7
42) CIS-1,2-DICHLOROETHENE	3.255	96	63495	9.55	PPBV	#	80
43) DIISOPROPYL ETHER	3.399	59	31703	8.97	PPBV	#	46
44) ETHYL ACETATE	3.406	61	24493	10.09	PPBV	#	45
45) METHYL ACRYLATE	3.390	55	152178	10.01	PPBV	#	97
46) CHLOROFORM	3.422	83	128228	9.39	PPBV	#	93
47) 2,4-DIMETHYLPENTANE	3.952	57	137128	9.87	PPBV	#	93
48) 1,1,1-TRICHLOROETHANE	4.042	97	117150	8.73	PPBV	#	91
49) CARBON TETRACHLORIDE	4.499	117	128466	8.93	PPBV		99
50) 1,2-DICHLOROETHANE	3.865	62	93097	8.96	PPBV	#	95
51) BENZENE	4.380	78	190864	9.35	PPBV		81
53) CYCLOHEXANE	4.602	84	81604	9.75	PPBV	#	73
54) 2,3-DIMETHYLPENTANE	4.875	71	44180	9.69	PPBV	#	57
55) TRICHLOROETHENE	5.348	95	84261	9.35	PPBV		99
56) 1,2-DICHLOROPROPANE	5.100	63	80579	9.74	PPBV		99
57) DIBROMOMETHANE	5.058	174	74436	8.76	PPBV		89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26824.D
Acq On : 3 Nov 2022 10:14 am
Operator : thomash
Sample : bs
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 15:15:01 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

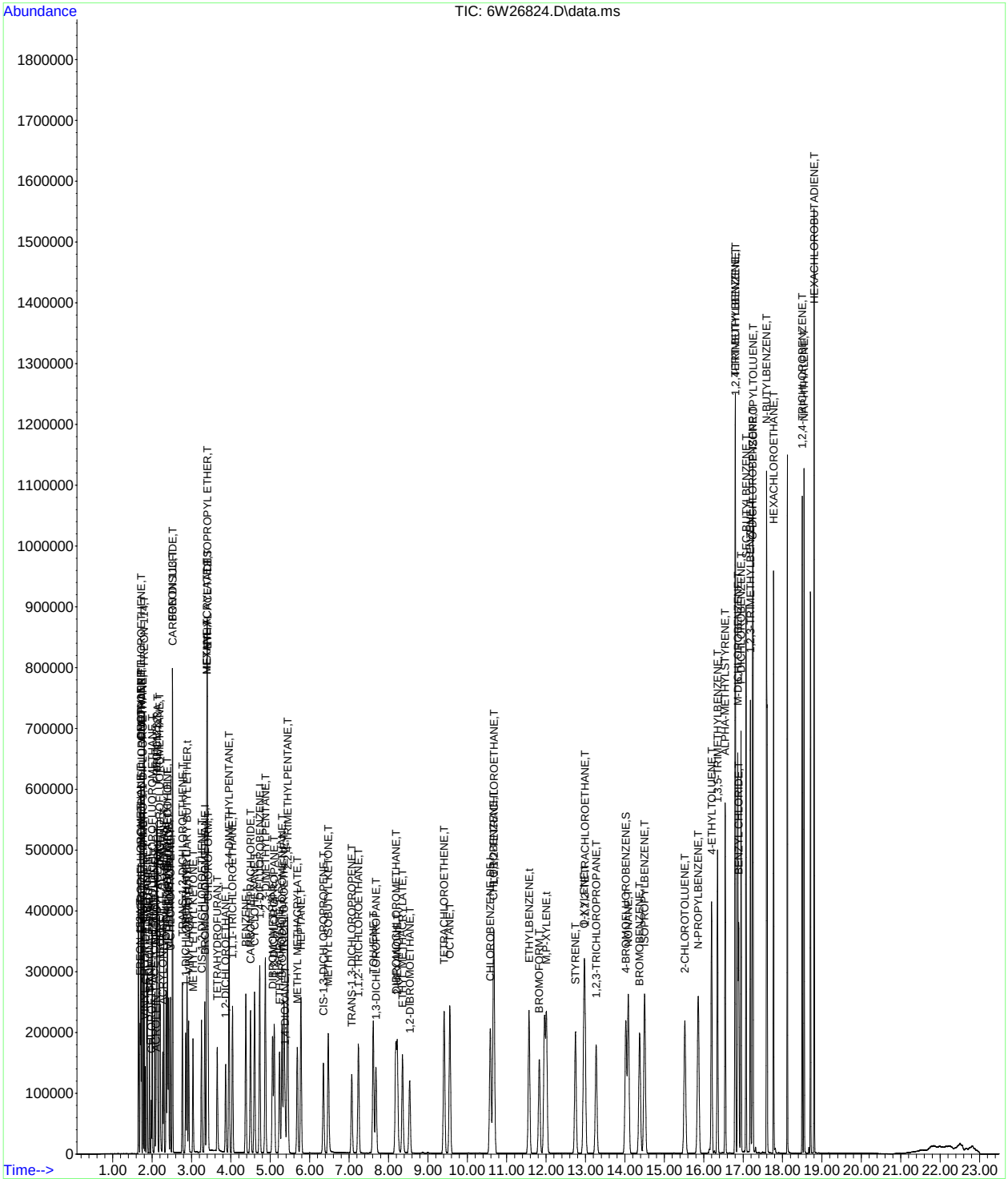
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	ETHYL ACRYLATE	5.235	55	189046	10.77	PPBV	#	97
59)	BROMODICHLOROMETHANE	5.296	83	135989	8.96	PPBV		99
60)	2,2,4-TRIMETHYLPENTANE	5.441	57	375427	9.89	PPBV	#	98
61)	1,4-DIOXANE	5.373	88	47121	11.90	PPBV	#	74
62)	HEPTANE	5.775	43	123410	8.07	PPBV	#	78
63)	METHYL METHACRYLATE	5.682	69	68221	9.31	PPBV	#	59
64)	METHYL ISOBUTYL KETONE	6.470	58	63961	10.31	PPBV	#	65
65)	CIS-1,3-DICHLOROPROPENE	6.348	75	93764	8.56	PPBV	#	76
66)	TOLUENE	7.614	91	207309	8.17	PPBV		99
67)	1,3-DICHLOROPROPANE	7.682	76	106865	8.73	PPBV	#	98
68)	TRANS-1,3-DICHLOROPROPENE	7.068	75	83311	8.62	PPBV	#	79
69)	1,1,2-TRICHLOROETHANE	7.238	83	63312	8.73	PPBV		98
70)	2-HEXANONE	8.222	58	87163	12.07	PPBV	#	69
71)	ETHYL METHACRYLATE	8.354	69	112284	10.39	PPBV	#	73
72)	TETRACHLOROETHENE	9.412	164	80149	9.14	PPBV		94
73)	DIBROMOCHLOROMETHANE	8.187	129	134013	8.56	PPBV		99
74)	1,2-DIBROMOETHANE	8.540	107	118289	8.91	PPBV		99
75)	OCTANE	9.557	43	168011	8.30	PPBV	#	78
77)	1,1,1,2-TETRACHLOROETHANE	10.675	131	92122	9.13	PPBV		95
78)	CHLOROBENZENE	10.663	112	171591	9.44	PPBV		98
79)	ETHYLBENZENE	11.566	91	277012	8.55	PPBV		99
80)	M,P-XYLENE	12.003	91	429971	17.79	PPBV	#	66
81)	O-XYLENE	12.962	91	216611	8.95	PPBV		98
82)	STYRENE	12.746	104	168457	10.41	PPBV		98
83)	NONANE	14.084	43	180978	8.69	PPBV	#	77
84)	BROMOFORM	11.823	173	121723	9.23	PPBV	#	98
85)	1,1,2,2-TETRACHLOROETHANE	12.984	83	171784	9.99	PPBV		99
86)	1,2,3-TRICHLOROPROPANE	13.270	75	128467	9.55	PPBV		98
88)	ISOPROPYLBENZENE	14.498	105	317146	9.50	PPBV	#	93
89)	BROMOBENZENE	14.373	77	157229	9.77	PPBV		95
90)	2-CHLOROTOLUENE	15.521	91	221725	10.18	PPBV		99
91)	N-PROPYLBENZENE	15.859	91	385977	10.50	PPBV	#	96
92)	4-ETHYLTOLUENE	16.199	105	321510	10.81	PPBV		100
93)	1,3,5-TRIMETHYLBENZENE	16.350	105	267105	10.62	PPBV		100
94)	ALPHA-METHYLSTYRENE	16.543	118	143897	11.42	PPBV		99
95)	TERT-BUTYLBENZENE	16.797	119	301546	10.69	PPBV		98
96)	1,2,4-TRIMETHYLBENZENE	16.804	105	280909	10.81	PPBV		96
97)	BENZYL CHLORIDE	16.887	91	177463	11.27	PPBV		98
98)	M-DICHLOROBENZENE	16.865	146	190501	10.55	PPBV		99
99)	P-DICHLOROBENZENE	16.945	146	191007	10.59	PPBV		99
100)	O-DICHLOROBENZENE	17.238	146	185805	10.51	PPBV		99
101)	SEC-BUTYLBENZENE	17.074	105	413233	10.74	PPBV		99
102)	1,2,3-TRIMETHYLBENZENE	17.183	105	275839	10.84	PPBV		99
103)	P-ISOPROPYLTOLUENE	17.251	119	359563	10.90	PPBV		96
104)	N-BUTYLBENZENE	17.595	91	343092	11.70	PPBV		98
105)	HEXACHLOROETHANE	17.772	117	118819	9.92	PPBV		90
106)	HEXACHLOROBUTADIENE	18.804	225	137095	10.47	PPBV		100
107)	1,2,4-TRICHLOROBENZENE	18.498	180	170571	11.62	PPBV		98
108)	NAPHTHALENE	18.547	128	457473	12.64	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26824.D
Acq On : 3 Nov 2022 10:14 am
Operator : thomash
Sample : bs
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 15:15:01 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Manual Integration Approval Summary

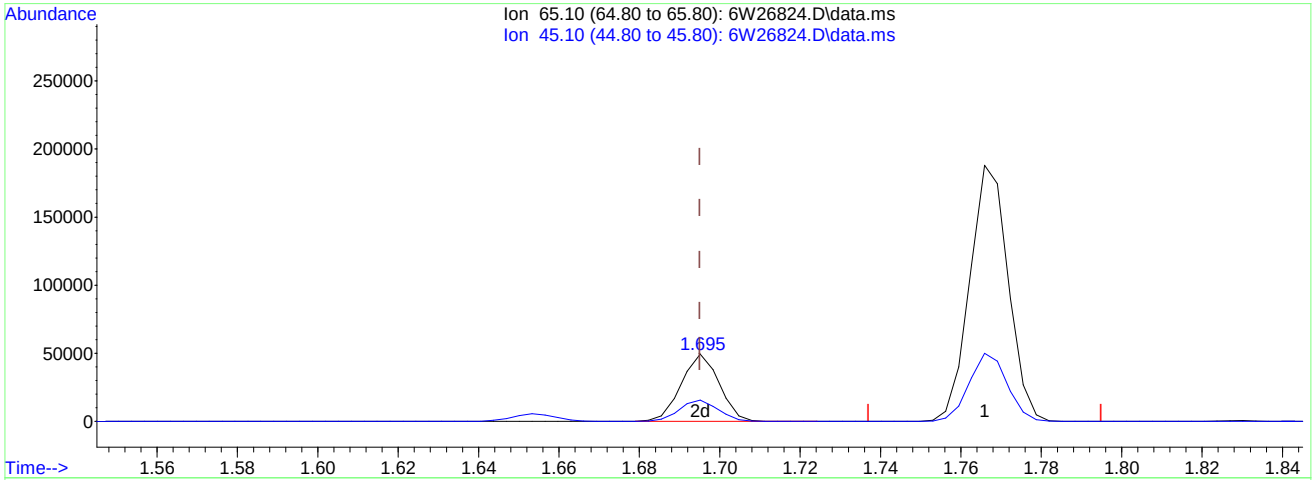
Sample Number:	V6W1137-BS	**Method:**	TO-15
Lab FileID:	6W26824.D	**Analyst approved:**	11/04/22 15:23 William Cruser
Injection Time:	11/03/22 10:14	**Supervisor approved:**	11/07/22 15:11 Kanya Veerawat

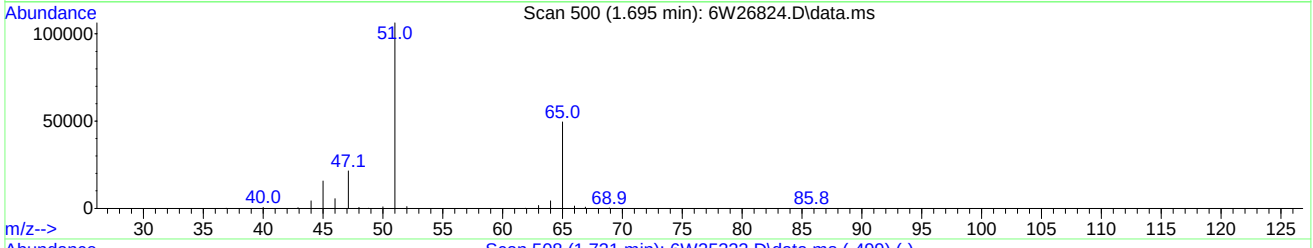
Parameter	CAS	Sig#	R.T. (min.)	Reason
Freon 152A	75-37-6		1.70	Missed peak

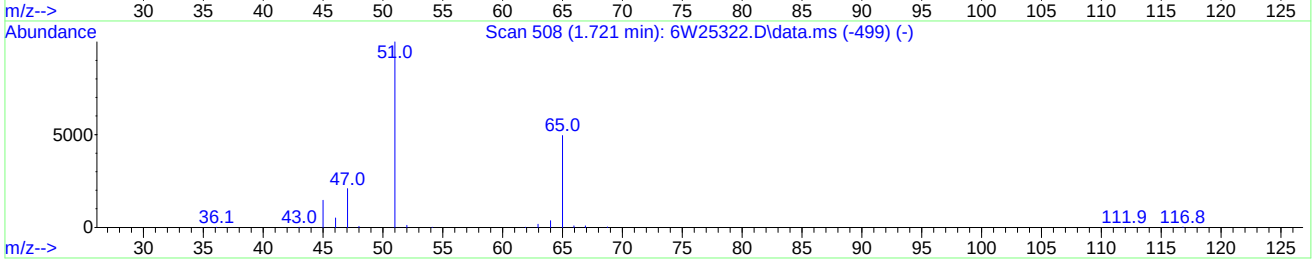
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26824.D
Acq On : 3 Nov 2022 10:14 am
Operator : thomash
Sample : bs
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 10:39:21 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration







TIC: 6W26824.D\data.ms

(3) FREON 152A (T)

1.695min (+0.000) 8.25PPBV m

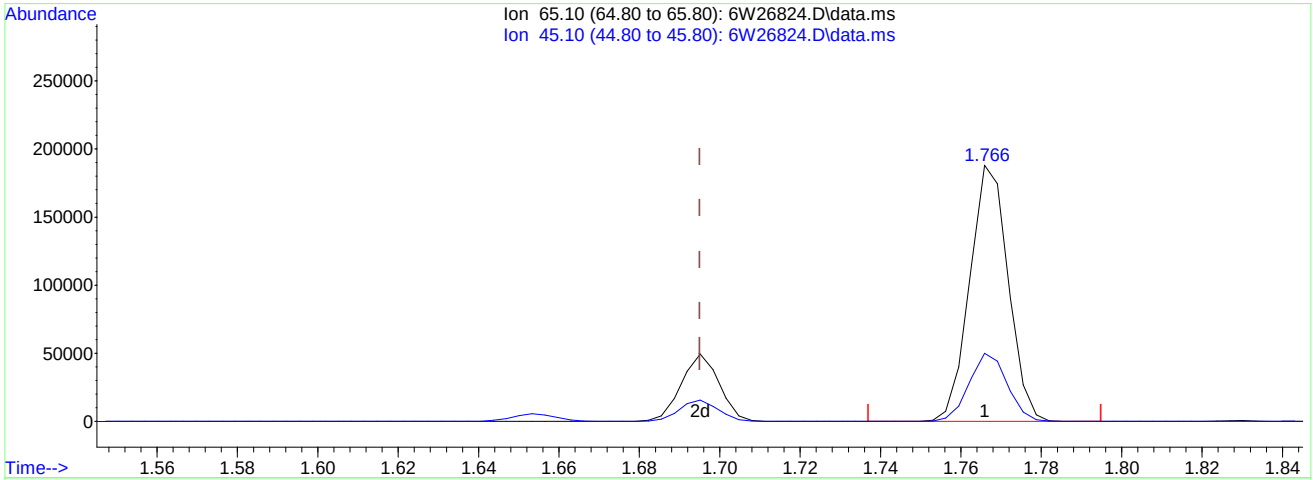
response 32453

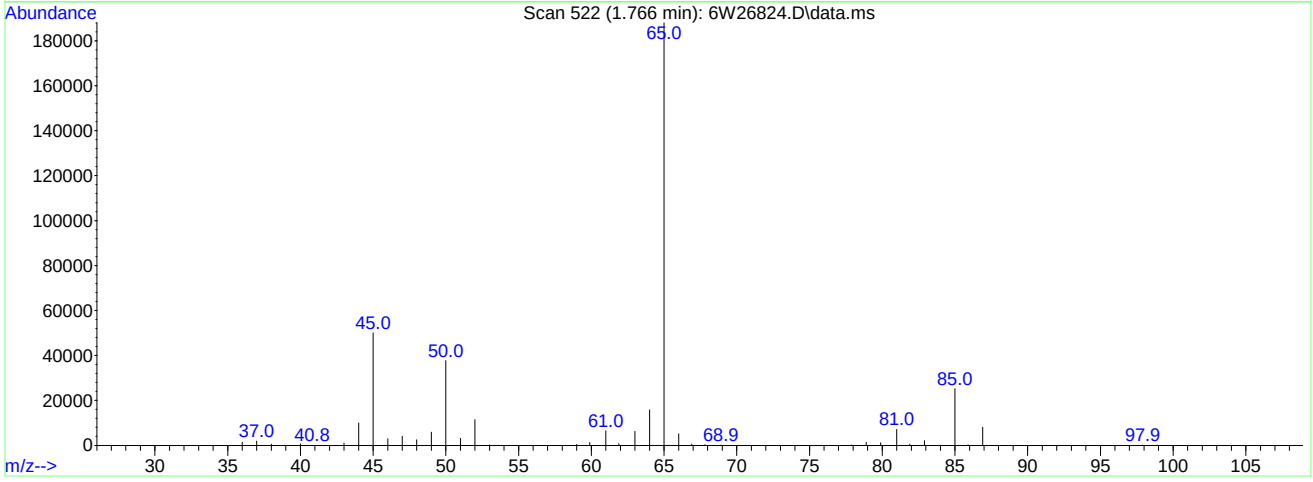
Ion	Exp%	Act%
65.10	100	100
45.10	22.90	101.59#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\Raw Data\
Data File : 6W26824.D
Acq On : 3 Nov 2022 10:14 am
Operator : thomash
Sample : bs
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:58:08 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26824.D\data.ms

(3) FREON 152A (T)

1.766min (+0.071) 31.79PPBV

response 125105

Ion	Exp%	Act%
65.10	100	100
45.10	22.90	26.35
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 15:11

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26825.D
Acq On : 3 Nov 2022 10:45 am
Operator : thomash
Sample : bsd
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 15:16:20 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.341	128	46044	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	228615	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.585	117	186065	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.026	95	132310	10.18	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	33216m	8.39	PPBV		
4) CHLORODIFLUOROMETHANE	1.708	67	14949	8.33	PPBV		97
5) CHLOROTRIFLUOROETHENE	1.717	116	75776	8.74	PPBV	#	99
6) DICHLORODIFLUOROMETHANE	1.734	85	173290	12.04	PPBV	#	93
7) PROPYLENE	1.717	41	46448	7.87	PPBV		97
8) 1-CHLORO-1,1-DIFLUOROE...	1.769	65	127408	9.66	PPBV	#	89
9) FREON 114	1.801	85	155582	10.27	PPBV		97
10) CHLOROMETHANE	1.772	52	20087	9.66	PPBV		93
11) VINYL CHLORIDE	1.830	62	66209	10.50	PPBV		98
12) 1,3-BUTADIENE	1.865	54	54325	10.53	PPBV	#	78
13) N-BUTANE	1.878	43	107395	9.24	PPBV	#	92
14) BROMOMETHANE	1.936	94	54279	11.13	PPBV		100
15) CHLOROETHANE	1.981	64	34006	11.26	PPBV		96
16) DICHLOROFLUOROMETHANE	2.004	67	136165	10.62	PPBV	#	96
17) ACETONITRILE	2.068	41	69412	10.25	PPBV		98
18) ACROLEIN	2.103	56	32920	11.75	PPBV		100
19) FREON 123	2.116	83	133907	11.01	PPBV		97
20) FREON 123A	2.132	117	78998	10.77	PPBV		87
21) TRICHLOROFLUOROMETHANE	2.193	101	150488	10.02	PPBV		100
22) ISOPROPYL ALCOHOL	2.206	45	143973	9.51	PPBV	#	96
23) ACETONE	2.139	58	35176	10.32	PPBV	#	49
24) PENTANE	2.299	42	77303	9.57	PPBV	#	95
25) IODOMETHANE	2.357	142	157077	10.85	PPBV		88
26) 1,1-DICHLOROETHYLENE	2.386	96	58048	10.17	PPBV	#	60
27) CARBON DISULFIDE	2.521	76	180249	9.97	PPBV	#	91
28) ETHANOL	2.007	45	34132	9.76	PPBV		97
29) BROMOETHENE	2.074	106	56221	11.00	PPBV	#	99
30) ACRYLONITRILE	2.274	52	53411	10.46	PPBV		97
31) METHYLENE CHLORIDE	2.422	84	54219	9.47	PPBV	#	56
32) 3-CHLOROPROPENE	2.463	76	28782	10.33	PPBV	#	6
33) FREON 113	2.521	151	98600	9.74	PPBV		88
34) TRANS-1,2-DICHLOROETHENE	2.772	96	63473	9.96	PPBV	#	80
35) TERTIARY BUTYL ALCOHOL	2.396	59	112444	9.08	PPBV	#	88
36) METHYL TERTIARY BUTYL ...	2.888	73	132947	8.38	PPBV	#	93
37) TETRAHYDROFURAN	3.656	72	31351	10.64	PPBV	#	46
38) HEXANE	3.393	57	118476	9.58	PPBV	#	78
39) VINYL ACETATE	2.933	86	16439	10.76	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.852	63	118607	9.76	PPBV		98
41) METHYL ETHYL KETONE	3.039	72	32160	10.38	PPBV	#	4
42) CIS-1,2-DICHLOROETHENE	3.254	96	65144	9.74	PPBV	#	80
43) DIISOPROPYL ETHER	3.399	59	32911	9.26	PPBV	#	48
44) ETHYL ACETATE	3.409	61	25316	10.37	PPBV	#	45
45) METHYL ACRYLATE	3.393	55	156892	10.26	PPBV	#	97
46) CHLOROFORM	3.422	83	131064	9.55	PPBV	#	94
47) 2,4-DIMETHYLPENTANE	3.955	57	140305	10.04	PPBV	#	94
48) 1,1,1-TRICHLOROETHANE	4.042	97	119399	8.85	PPBV	#	91
49) CARBON TETRACHLORIDE	4.499	117	131670	9.10	PPBV		99
50) 1,2-DICHLOROETHANE	3.868	62	95041	9.10	PPBV	#	95
51) BENZENE	4.380	78	193835	9.44	PPBV		81
53) CYCLOHEXANE	4.602	84	83201	9.98	PPBV	#	72
54) 2,3-DIMETHYLPENTANE	4.878	71	44752	9.86	PPBV	#	55
55) TRICHLOROETHENE	5.351	95	85815	9.56	PPBV		99
56) 1,2-DICHLOROPROPANE	5.103	63	82162	9.97	PPBV		99
57) DIBROMOMETHANE	5.061	174	75718	8.95	PPBV		88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26825.D
Acq On : 3 Nov 2022 10:45 am
Operator : thomash
Sample : bsd
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 15:16:20 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

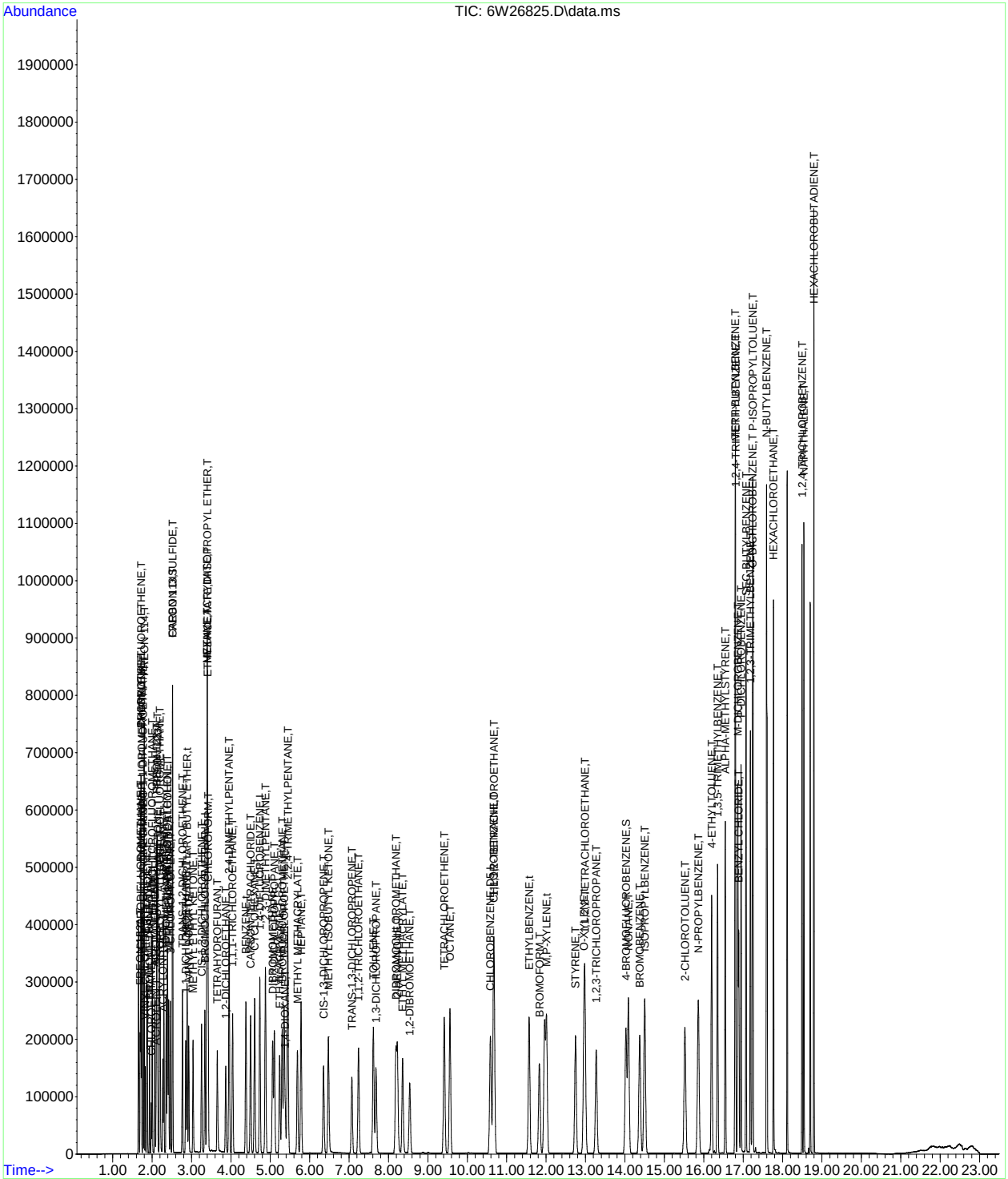
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	ETHYL ACRYLATE	5.238	55	194204	11.11	PPBV	#	97
59)	BROMODICHLOROMETHANE	5.299	83	139846	9.25	PPBV		99
60)	2,2,4-TRIMETHYLPENTANE	5.444	57	384577	10.17	PPBV	#	98
61)	1,4-DIOXANE	5.376	88	48379	12.26	PPBV	#	75
62)	HEPTANE	5.782	43	126400	8.30	PPBV	#	77
63)	METHYL METHACRYLATE	5.688	69	69893	9.57	PPBV	#	58
64)	METHYL ISOBUTYL KETONE	6.473	58	66769	10.81	PPBV	#	67
65)	CIS-1,3-DICHLOROPROPENE	6.351	75	96570	8.84	PPBV	#	76
66)	TOLUENE	7.614	91	213416	8.44	PPBV		98
67)	1,3-DICHLOROPROPANE	7.685	76	109251	8.96	PPBV	#	98
68)	TRANS-1,3-DICHLOROPROPENE	7.071	75	86888	9.03	PPBV	#	79
69)	1,1,2-TRICHLOROETHANE	7.238	83	64932	8.99	PPBV		99
70)	2-HEXANONE	8.225	58	90346	12.55	PPBV	#	71
71)	ETHYL METHACRYLATE	8.357	69	115476	10.73	PPBV	#	74
72)	TETRACHLOROETHENE	9.415	164	81260	9.30	PPBV		93
73)	DIBROMOCHLOROMETHANE	8.187	129	136536	8.75	PPBV		98
74)	1,2-DIBROMOETHANE	8.537	107	121318	9.17	PPBV		99
75)	OCTANE	9.560	43	172896	8.58	PPBV	#	78
77)	1,1,1,2-TETRACHLOROETHANE	10.679	131	93527	9.37	PPBV		95
78)	CHLOROBENZENE	10.666	112	177544	9.88	PPBV		99
79)	ETHYLBENZENE	11.569	91	285116	8.90	PPBV		99
80)	M,P-XYLENE	12.006	91	438435	18.33	PPBV	#	67
81)	O-XYLENE	12.958	91	224408	9.37	PPBV		96
82)	STYRENE	12.746	104	172544	10.78	PPBV		97
83)	NONANE	14.090	43	185495	9.00	PPBV	#	77
84)	BROMOFORM	11.830	173	124184	9.51	PPBV	#	98
85)	1,1,2,2-TETRACHLOROETHANE	12.987	83	174386	10.25	PPBV		98
86)	1,2,3-TRICHLOROPROPANE	13.270	75	130786	9.83	PPBV		99
88)	ISOPROPYLBENZENE	14.502	105	326034	9.88	PPBV	#	94
89)	BROMOBENZENE	14.376	77	160502	10.08	PPBV		95
90)	2-CHLOROTOLUENE	15.524	91	227471	10.55	PPBV		99
91)	N-PROPYLBENZENE	15.862	91	396215	10.89	PPBV	#	96
92)	4-ETHYLTOLUENE	16.202	105	331969	11.28	PPBV		100
93)	1,3,5-TRIMETHYLBENZENE	16.350	105	273657	11.00	PPBV		99
94)	ALPHA-METHYLSTYRENE	16.546	118	147551	11.84	PPBV		98
95)	TERT-BUTYLBENZENE	16.797	119	305573	10.94	PPBV		98
96)	1,2,4-TRIMETHYLBENZENE	16.807	105	285821	11.12	PPBV		96
97)	BENZYL CHLORIDE	16.887	91	183899	11.80	PPBV		98
98)	M-DICHLOROBENZENE	16.865	146	193831	10.84	PPBV		99
99)	P-DICHLOROBENZENE	16.948	146	194887	10.92	PPBV		99
100)	O-DICHLOROBENZENE	17.238	146	190795	10.91	PPBV		99
101)	SEC-BUTYLBENZENE	17.074	105	425347	11.17	PPBV		99
102)	1,2,3-TRIMETHYLBENZENE	17.183	105	280585	11.15	PPBV		99
103)	P-ISOPROPYLTOLUENE	17.247	119	368422	11.29	PPBV		96
104)	N-BUTYLBENZENE	17.591	91	351484	12.12	PPBV		98
105)	HEXACHLOROETHANE	17.768	117	121827m	10.28	PPBV		
106)	HEXACHLOROBUTADIENE	18.794	225	141949	10.96	PPBV		99
107)	1,2,4-TRICHLOROBENZENE	18.495	180	174827	12.04	PPBV		99
108)	NAPHTHALENE	18.540	128	464467	12.97	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26825.D
Acq On : 3 Nov 2022 10:45 am
Operator : thomash
Sample : bsd
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 15:16:20 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Manual Integration Approval Summary

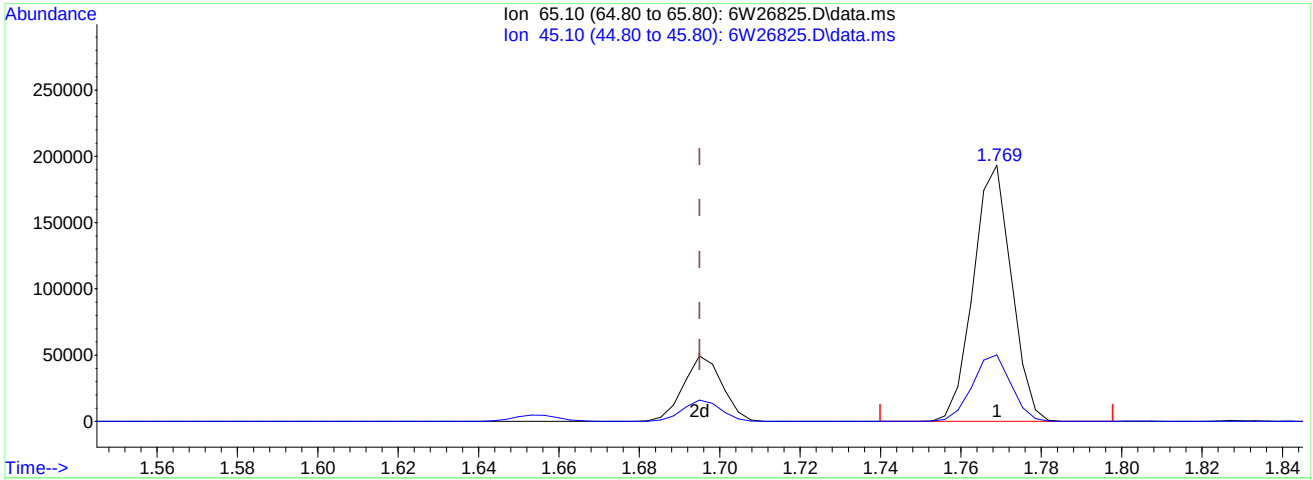
Sample Number: V6W1137-BSD
Lab FileID: 6W26825.D
Injection Time: 11/03/22 10:45
Method: TO-15
Analyst approved: 11/04/22 15:23 William Cruser
Supervisor approved: 11/07/22 15:11 Kanya Veerawat

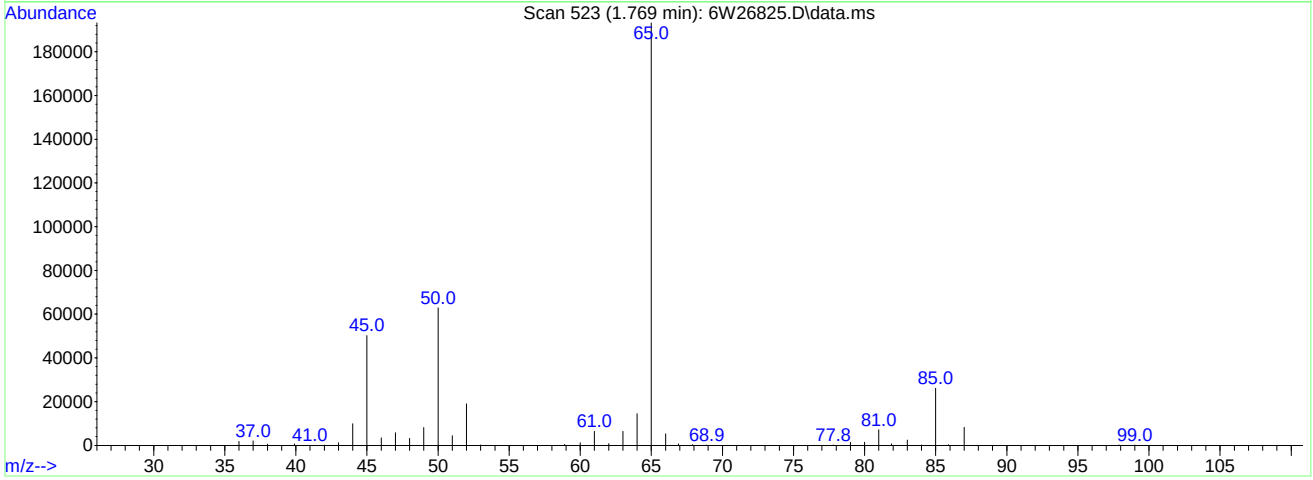
Parameter	CAS	Sig#	R.T. (min.)	Reason
Freon 152A	75-37-6		1.69	Missed peak
Hexachloroethane	67-72-1		17.77	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26825.D
Acq On : 3 Nov 2022 10:45 am
Operator : thomash
Sample : bsd
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 11:19:27 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26825.D\data.ms

(3) FREON 152A (T)

1.769min (+0.074) 32.18PPBV

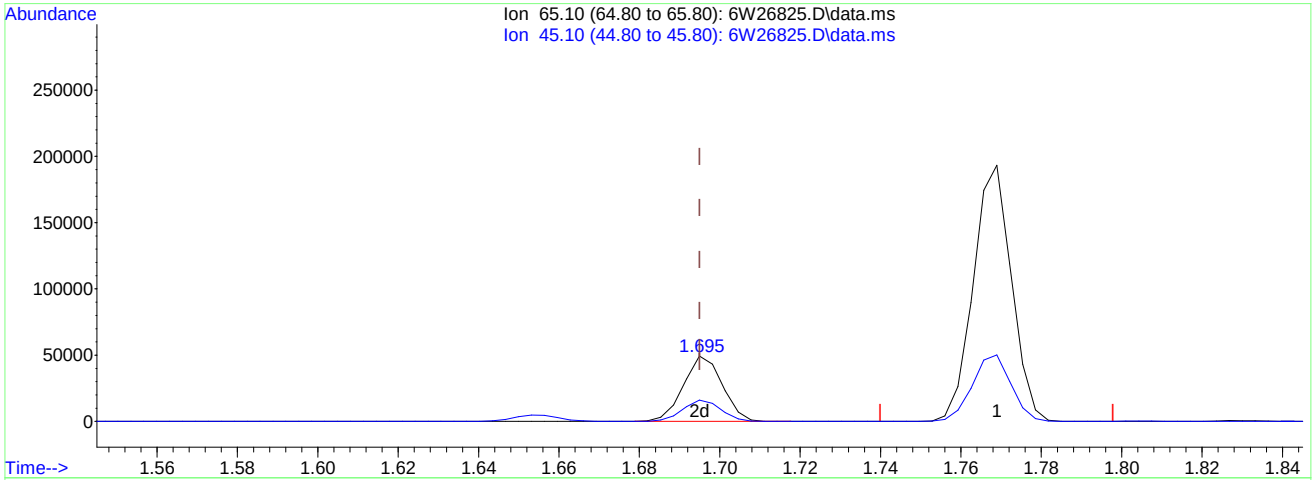
response 127376

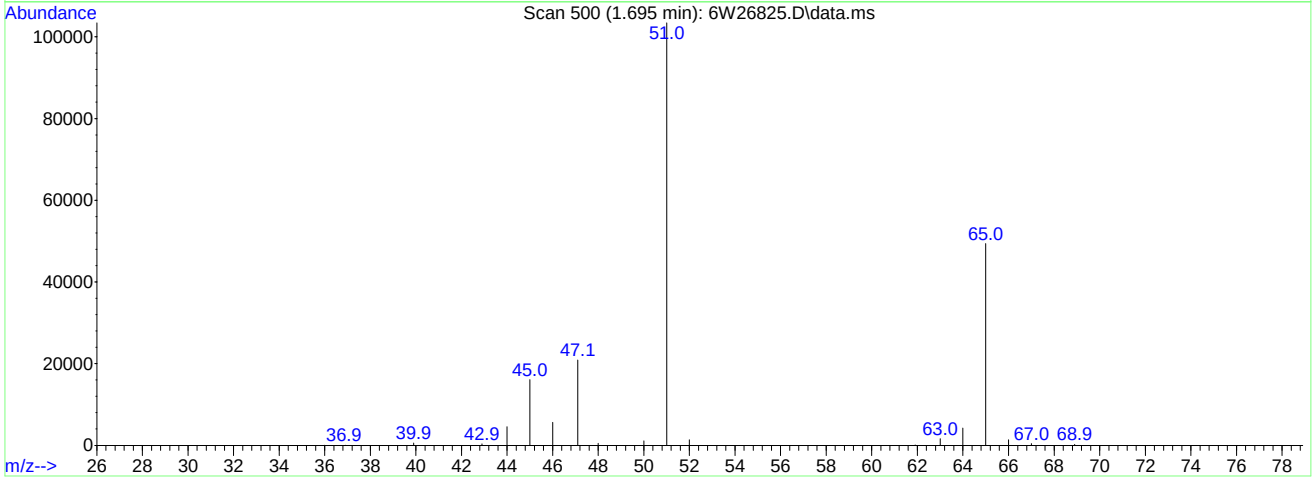
Ion	Exp%	Act%
65.10	100	100
45.10	22.90	26.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26825.D
Acq On : 3 Nov 2022 10:45 am
Operator : thomash
Sample : bsd
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 11:19:27 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26825.D\data.ms

(3) FREON 152A (T)

1.695min (-0.000) 8.39PPBV m

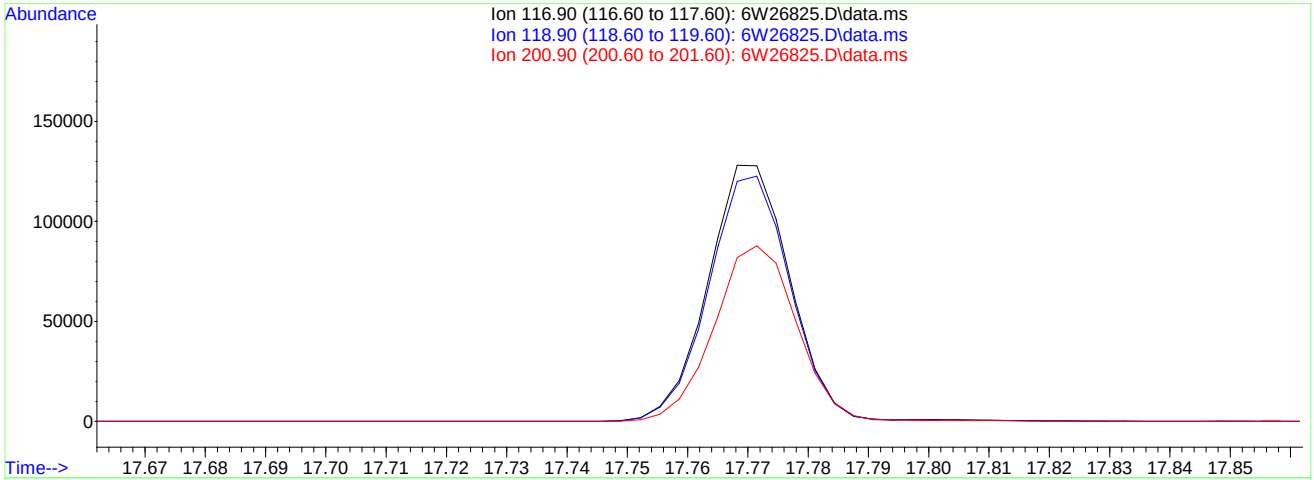
response 33216

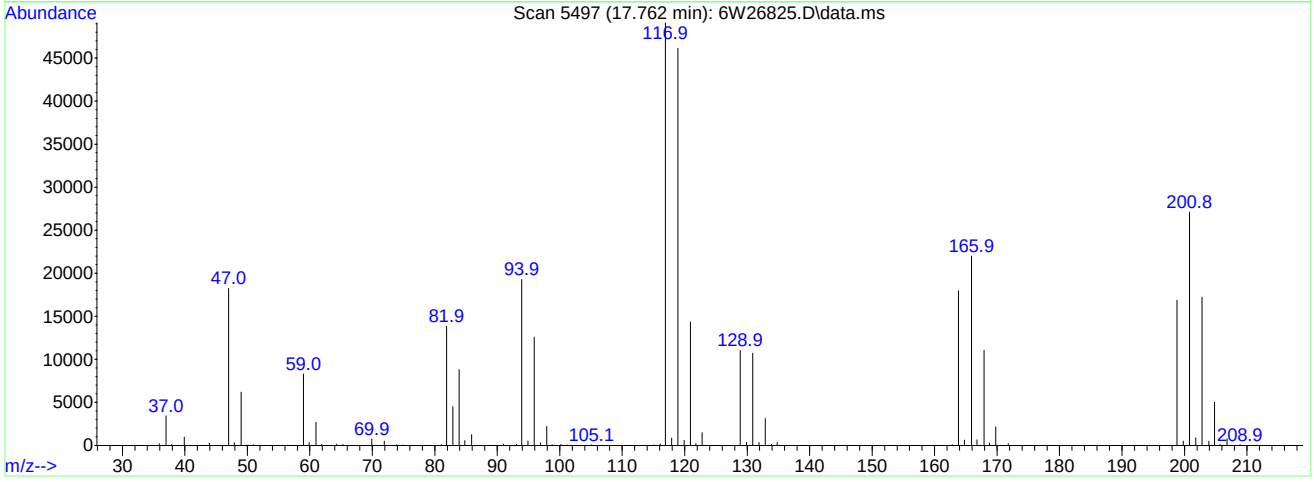
Ion	Exp%	Act%
65.10	100	100
45.10	22.90	101.07#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26825.D
Acq On : 3 Nov 2022 10:45 am
Operator : thomash
Sample : bsd
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 11:19:27 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26825.D\data.ms

(105) HEXACHLOROETHANE (T)

17.762min (-17.762) 0.00PPBV

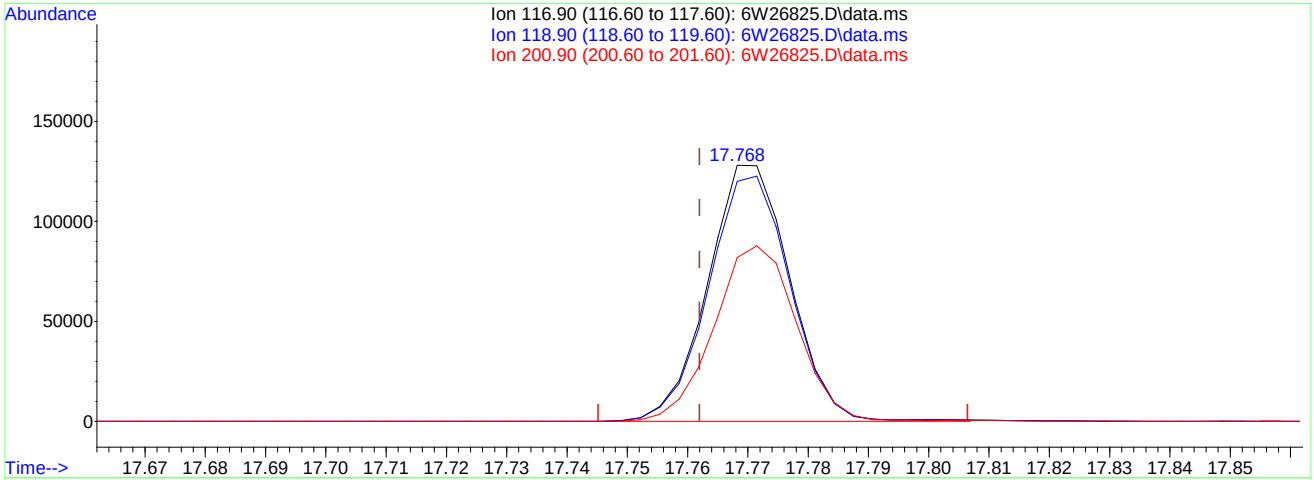
response 0

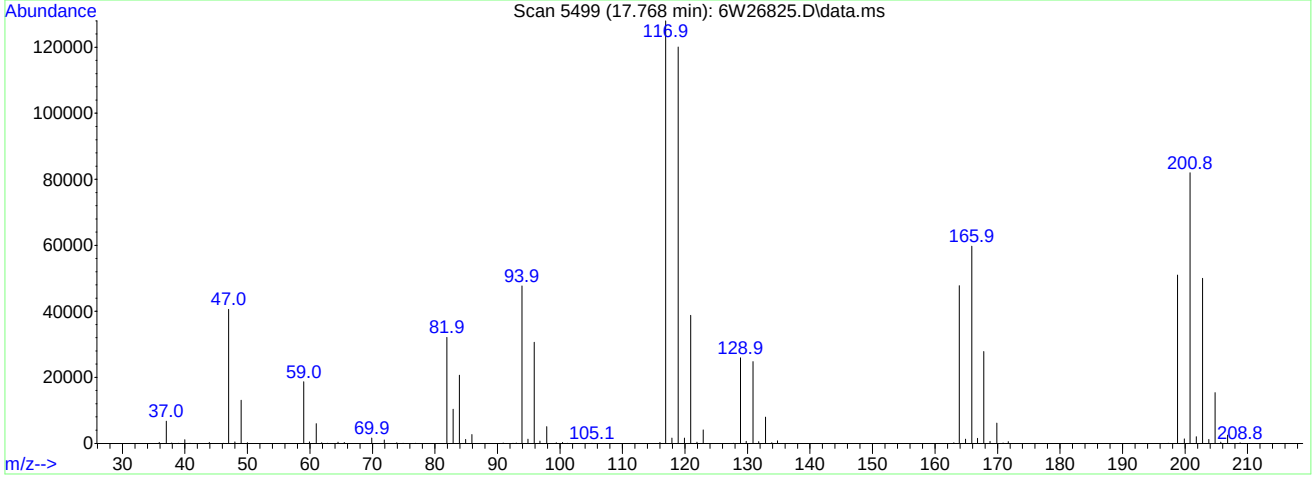
Ion	Exp%	Act%
116.90	100	0.00
118.90	95.50	0.00#
200.90	87.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26825.D
Acq On : 3 Nov 2022 10:45 am
Operator : thomash
Sample : bsd
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 15:16:20 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26825.D\data.ms

(105) HEXACHLOROETHANE (T)

17.768min (+0.006) 10.28PPBV m

response 121827

Ion	Exp%	Act%
116.90	100	100
118.90	95.50	0.00#
200.90	87.80	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26946.D
Acq On : 7 Nov 2022 8:52 am
Operator : thomash
Sample : bs
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 09:17:10 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.338	128	31311	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.730	114	158699	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.582	117	138996	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.022	95	99697	10.27	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	23679	8.80	PPBV	#	74
4) CHLORODIFLUOROMETHANE	1.708	67	11030	9.04	PPBV		97
5) CHLOROTRIFLUOROETHENE	1.717	116	52416	8.89	PPBV	#	99
6) DICHLORODIFLUOROMETHANE	1.798	85	90420	9.24	PPBV		99
7) PROPYLENE	1.714	41	35880	8.94	PPBV		96
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	82983	9.25	PPBV	#	87
9) FREON 114	1.798	85	96480	9.37	PPBV		100
10) CHLOROMETHANE	1.772	52	13236	9.36	PPBV		93
11) VINYL CHLORIDE	1.830	62	41239	9.61	PPBV		97
12) 1,3-BUTADIENE	1.865	54	35400	10.09	PPBV	#	75
13) N-BUTANE	1.878	43	72004	9.11	PPBV	#	90
14) BROMOMETHANE	1.933	94	34453	10.39	PPBV		100
15) CHLOROETHANE	1.978	64	22208	10.81	PPBV		95
16) DICHLOROFLUOROMETHANE	2.004	67	86262	9.89	PPBV	#	96
17) ACETONITRILE	2.068	41	47736	10.37	PPBV		97
18) ACROLEIN	2.103	56	20971	11.01	PPBV		99
19) FREON 123	2.116	83	86239	10.43	PPBV		98
20) FREON 123A	2.132	117	50903	10.21	PPBV		90
21) TRICHLOROFLUOROMETHANE	2.190	101	101840	9.98	PPBV		99
22) ISOPROPYL ALCOHOL	2.206	45	98159	9.53	PPBV	#	97
23) ACETONE	2.139	58	22631	9.76	PPBV	#	31
24) PENTANE	2.299	42	52830	9.62	PPBV	#	94
25) IODOMETHANE	2.357	142	102417	10.41	PPBV	#	87
26) 1,1-DICHLOROETHYLENE	2.383	96	36915	9.51	PPBV	#	58
27) CARBON DISULFIDE	2.521	76	117316	9.54	PPBV	#	89
28) ETHANOL	2.007	45	23409	9.84	PPBV		96
29) BROMOETHENE	2.074	106	36387	10.47	PPBV	#	98
30) ACRYLONITRILE	2.270	52	36067	10.38	PPBV		95
31) METHYLENE CHLORIDE	2.422	84	35756	9.18	PPBV	#	50
32) 3-CHLOROPROPENE	2.463	76	19083	10.07	PPBV	#	1
33) FREON 113	2.518	151	66998	9.73	PPBV		93
34) TRANS-1,2-DICHLOROETHENE	2.769	96	40734	9.40	PPBV	#	80
35) TERTIARY BUTYL ALCOHOL	2.396	59	73067	8.67	PPBV	#	85
36) METHYL TERTIARY BUTYL ...	2.888	73	85892	7.96	PPBV	#	91
37) TETRAHYDROFURAN	3.653	72	19742	9.85	PPBV	#	39
38) HEXANE	3.389	57	75491	8.98	PPBV	#	75
39) VINYL ACETATE	2.930	86	10502	10.11	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.852	63	76372	9.24	PPBV		98
41) METHYL ETHYL KETONE	3.039	72	20570	9.77	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.254	96	42138	9.26	PPBV	#	81
43) DIISOPROPYL ETHER	3.399	59	21536	8.91	PPBV	#	40
44) ETHYL ACETATE	3.405	61	15676	9.44	PPBV	#	24
45) METHYL ACRYLATE	3.389	55	99595	9.58	PPBV	#	96
46) CHLOROFORM	3.421	83	86128	9.23	PPBV	#	94
47) 2,4-DIMETHYLPENTANE	3.952	57	88033	9.27	PPBV	#	92
48) 1,1,1-TRICHLOROETHANE	4.039	97	80543	8.78	PPBV	#	93
49) CARBON TETRACHLORIDE	4.495	117	88712	9.02	PPBV		99
50) 1,2-DICHLOROETHANE	3.865	62	61455	8.65	PPBV	#	96
51) BENZENE	4.380	78	124657	8.93	PPBV		80
53) CYCLOHEXANE	4.598	84	53201	9.19	PPBV	#	74
54) 2,3-DIMETHYLPENTANE	4.875	71	27754	8.80	PPBV	#	55
55) TRICHLOROETHENE	5.347	95	54433	8.74	PPBV		98
56) 1,2-DICHLOROPROPANE	5.100	63	51428	8.99	PPBV		96
57) DIBROMOMETHANE	5.055	174	54568	9.29	PPBV		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26946.D
Acq On : 7 Nov 2022 8:52 am
Operator : thomash
Sample : bs
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 09:17:10 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

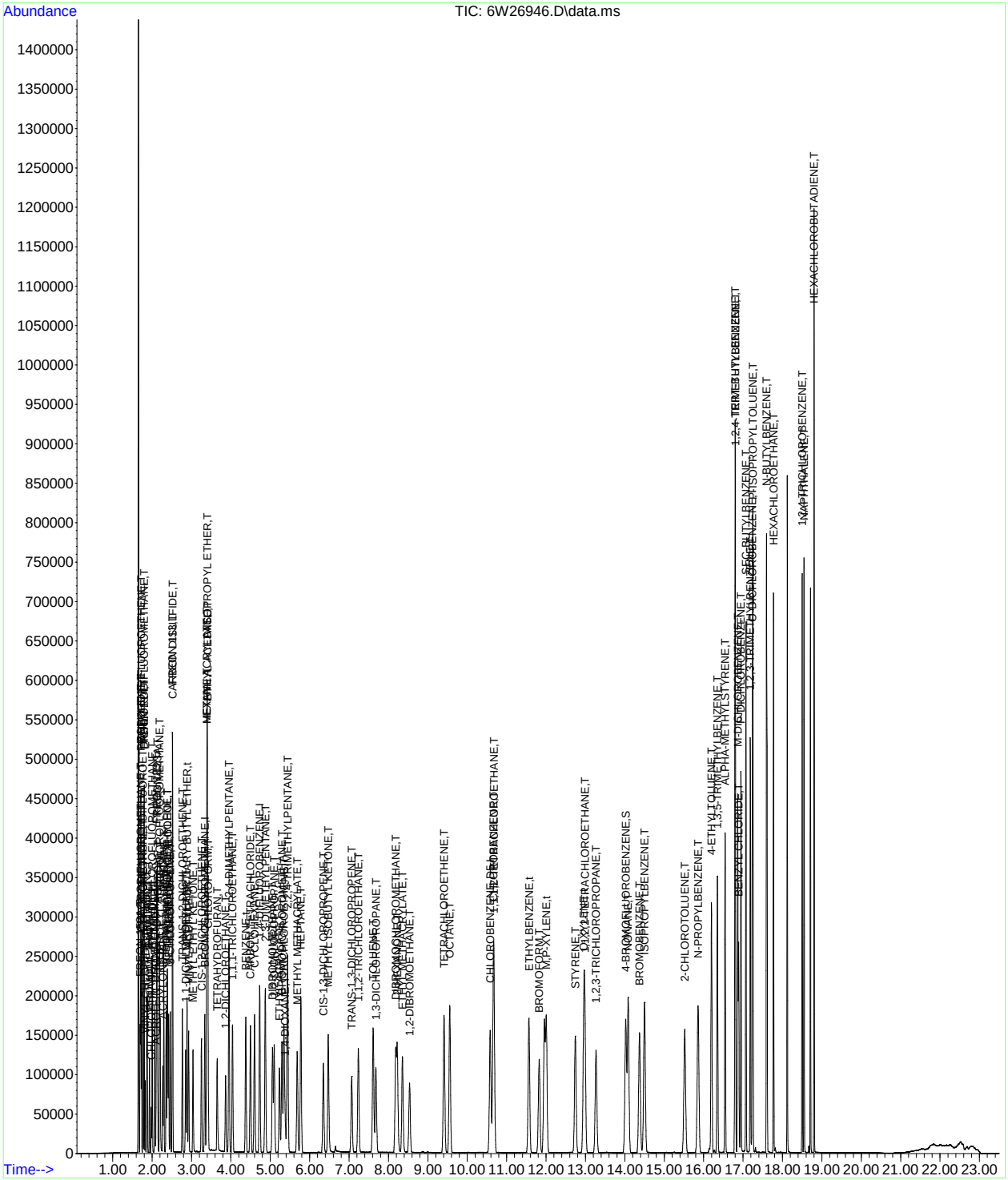
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) ETHYL ACRYLATE	5.232	55	121521	10.01	PPBV #	96
59) BROMODICHLOROMETHANE	5.296	83	90711	8.64	PPBV	100
60) 2,2,4-TRIMETHYLPENTANE	5.441	57	236454	9.01	PPBV #	97
61) 1,4-DIOXANE	5.373	88	29529	10.78	PPBV #	74
62) HEPTANE	5.775	43	97894	9.25	PPBV #	73
63) METHYL METHACRYLATE	5.685	69	48690	9.60	PPBV #	49
64) METHYL ISOBUTYL KETONE	6.470	58	47320	11.03	PPBV #	60
65) CIS-1,3-DICHLOROPROPENE	6.347	75	70184	9.26	PPBV #	73
66) TOLUENE	7.611	91	148396	8.45	PPBV	100
67) 1,3-DICHLOROPROPANE	7.682	76	79138	9.35	PPBV #	98
68) TRANS-1,3-DICHLOROPROPENE	7.064	75	63017	9.43	PPBV #	76
69) 1,1,2-TRICHLOROETHANE	7.235	83	47040	9.38	PPBV	98
70) 2-HEXANONE	8.222	58	63105	12.63	PPBV #	59
71) ETHYL METHACRYLATE	8.354	69	82491	11.04	PPBV #	70
72) TETRACHLOROETHENE	9.412	164	60138	9.92	PPBV	97
73) DIBROMOCHLOROMETHANE	8.183	129	98382	9.08	PPBV	100
74) 1,2-DIBROMOETHANE	8.537	107	87527	9.53	PPBV	99
75) OCTANE	9.556	43	132943	9.50	PPBV #	73
77) 1,1,1,2-TETRACHLOROETHANE	10.678	131	66691	8.94	PPBV	94
78) CHLOROBENZENE	10.662	112	126139	9.39	PPBV	99
79) ETHYLBENZENE	11.566	91	199044	8.32	PPBV	99
80) M,P-XYLENE	12.006	91	310759	17.39	PPBV #	66
81) O-XYLENE	12.955	91	157563	8.81	PPBV	96
82) STYRENE	12.743	104	121538	10.17	PPBV	96
83) NONANE	14.080	43	141708	9.21	PPBV #	73
84) BROMOFORM	11.823	173	95941	9.84	PPBV #	96
85) 1,1,2,2-TETRACHLOROETHANE	12.987	83	124421	9.79	PPBV	100
86) 1,2,3-TRICHLOROPROPANE	13.267	75	93902	9.45	PPBV	98
88) ISOPROPYLBENZENE	14.501	105	230912	9.36	PPBV #	95
89) BROMOBENZENE	14.373	77	116456	9.79	PPBV	96
90) 2-CHLOROTOLUENE	15.521	91	159840	9.93	PPBV	99
91) N-PROPYLBENZENE	15.858	91	272091	10.02	PPBV #	96
92) 4-ETHYLTOLUENE	16.199	105	229613	10.45	PPBV	100
93) 1,3,5-TRIMETHYLBENZENE	16.347	105	194962	10.49	PPBV	96
94) ALPHA-METHYLSTYRENE	16.546	118	100095	10.75	PPBV	98
95) TERT-BUTYLBENZENE	16.797	119	210395	10.09	PPBV	96
96) 1,2,4-TRIMETHYLBENZENE	16.804	105	200700	10.45	PPBV	94
97) BENZYL CHLORIDE	16.890	91	122446	10.52	PPBV	97
98) M-DICHLOROBENZENE	16.865	146	134127	10.05	PPBV	99
99) P-DICHLOROBENZENE	16.945	146	133454	10.01	PPBV	98
100) O-DICHLOROBENZENE	17.238	146	129740	9.93	PPBV	99
101) SEC-BUTYLBENZENE	17.074	105	294893	10.37	PPBV	99
102) 1,2,3-TRIMETHYLBENZENE	17.183	105	196946	10.47	PPBV	97
103) P-ISOPROPYLTOLUENE	17.250	119	248086	10.18	PPBV	96
104) N-BUTYLBENZENE	17.595	91	242444	11.19	PPBV	98
105) HEXACHLOROETHANE	17.775	117	81289	9.18	PPBV	93
106) HEXACHLOROBUTADIENE	18.803	225	106371	10.99	PPBV	100
107) 1,2,4-TRICHLOROBENZENE	18.501	180	121267	11.18	PPBV	98
108) NAPHTHALENE	18.549	128	316199	11.82	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26946.D
Acq On : 7 Nov 2022 8:52 am
Operator : thomash
Sample : bs
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 09:17:10 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26947.D
Acq On : 7 Nov 2022 9:25 am
Operator : thomash
Sample : bsd
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 09:52:32 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.338	128	31191	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	159885	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.585	117	139851	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.022	95	101663	10.41	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	23249	8.67	PPBV	#	76
4) CHLORODIFLUOROMETHANE	1.708	67	10536	8.67	PPBV		98
5) CHLOROTRIFLUOROETHENE	1.717	116	49793	8.48	PPBV	#	100
6) DICHLORODIFLUOROMETHANE	1.798	85	86220	8.84	PPBV		99
7) PROPYLENE	1.714	41	34791	8.71	PPBV		97
8) 1-CHLORO-1,1-DIFLUOROE...	1.769	65	79745	8.93	PPBV	#	87
9) FREON 114	1.801	85	93838	9.15	PPBV		100
10) CHLOROMETHANE	1.772	52	12806	9.09	PPBV		94
11) VINYL CHLORIDE	1.830	62	40127	9.39	PPBV		97
12) 1,3-BUTADIENE	1.865	54	34447	9.86	PPBV	#	76
13) N-BUTANE	1.878	43	70900	9.00	PPBV	#	91
14) BROMOMETHANE	1.936	94	33396	10.11	PPBV		99
15) CHLOROETHANE	1.981	64	21098	10.31	PPBV		97
16) DICHLOROFLUOROMETHANE	2.004	67	82495	9.50	PPBV	#	96
17) ACETONITRILE	2.068	41	46171	10.07	PPBV		98
18) ACROLEIN	2.103	56	20076	10.58	PPBV		99
19) FREON 123	2.116	83	82736	10.05	PPBV		98
20) FREON 123A	2.132	117	48133	9.69	PPBV		89
21) TRICHLOROFLUOROMETHANE	2.193	101	98368	9.67	PPBV		100
22) ISOPROPYL ALCOHOL	2.206	45	94152	9.18	PPBV	#	96
23) ACETONE	2.139	58	21790	9.44	PPBV	#	32
24) PENTANE	2.299	42	51286	9.37	PPBV	#	94
25) IODOMETHANE	2.357	142	98260	10.02	PPBV	#	86
26) 1,1-DICHLOROETHYLENE	2.386	96	35631	9.22	PPBV	#	59
27) CARBON DISULFIDE	2.521	76	111972	9.14	PPBV	#	90
28) ETHANOL	2.007	45	22857	9.65	PPBV		96
29) BROMOETHENE	2.074	106	35307	10.19	PPBV	#	98
30) ACRYLONITRILE	2.274	52	34649	10.01	PPBV		96
31) METHYLENE CHLORIDE	2.422	84	34559	8.91	PPBV	#	53
32) 3-CHLOROPROPENE	2.463	76	18196	9.64	PPBV	#	1
33) FREON 113	2.521	151	64784	9.45	PPBV		93
34) TRANS-1,2-DICHLOROETHENE	2.769	96	39054	9.05	PPBV	#	80
35) TERTIARY BUTYL ALCOHOL	2.396	59	71264	8.49	PPBV	#	86
36) METHYL TERTIARY BUTYL ...	2.888	73	82911	7.72	PPBV	#	92
37) TETRAHYDROFURAN	3.653	72	19033	9.53	PPBV	#	38
38) HEXANE	3.393	57	72508	8.66	PPBV	#	73
39) VINYL ACETATE	2.930	86	10149	9.81	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.852	63	73677	8.95	PPBV		98
41) METHYL ETHYL KETONE	3.039	72	19691	9.38	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.254	96	40211	8.87	PPBV	#	80
43) DIISOPROPYL ETHER	3.399	59	20837	8.66	PPBV	#	39
44) ETHYL ACETATE	3.409	61	15066	9.11	PPBV	#	21
45) METHYL ACRYLATE	3.393	55	96511	9.32	PPBV	#	97
46) CHLOROFORM	3.422	83	82729	8.90	PPBV	#	94
47) 2,4-DIMETHYLPENTANE	3.955	57	84936	8.98	PPBV	#	93
48) 1,1,1-TRICHLOROETHANE	4.045	97	77898	8.53	PPBV	#	93
49) CARBON TETRACHLORIDE	4.499	117	84281	8.60	PPBV		99
50) 1,2-DICHLOROETHANE	3.868	62	59157	8.36	PPBV	#	96
51) BENZENE	4.380	78	120360	8.66	PPBV		79
53) CYCLOHEXANE	4.605	84	50869	8.72	PPBV	#	73
54) 2,3-DIMETHYLPENTANE	4.875	71	27018	8.51	PPBV	#	57
55) TRICHLOROETHENE	5.348	95	52918	8.43	PPBV		99
56) 1,2-DICHLOROPROPANE	5.103	63	49185	8.53	PPBV		97
57) DIBROMOMETHANE	5.061	174	52810	8.92	PPBV		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26947.D
Acq On : 7 Nov 2022 9:25 am
Operator : thomash
Sample : bsd
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 09:52:32 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

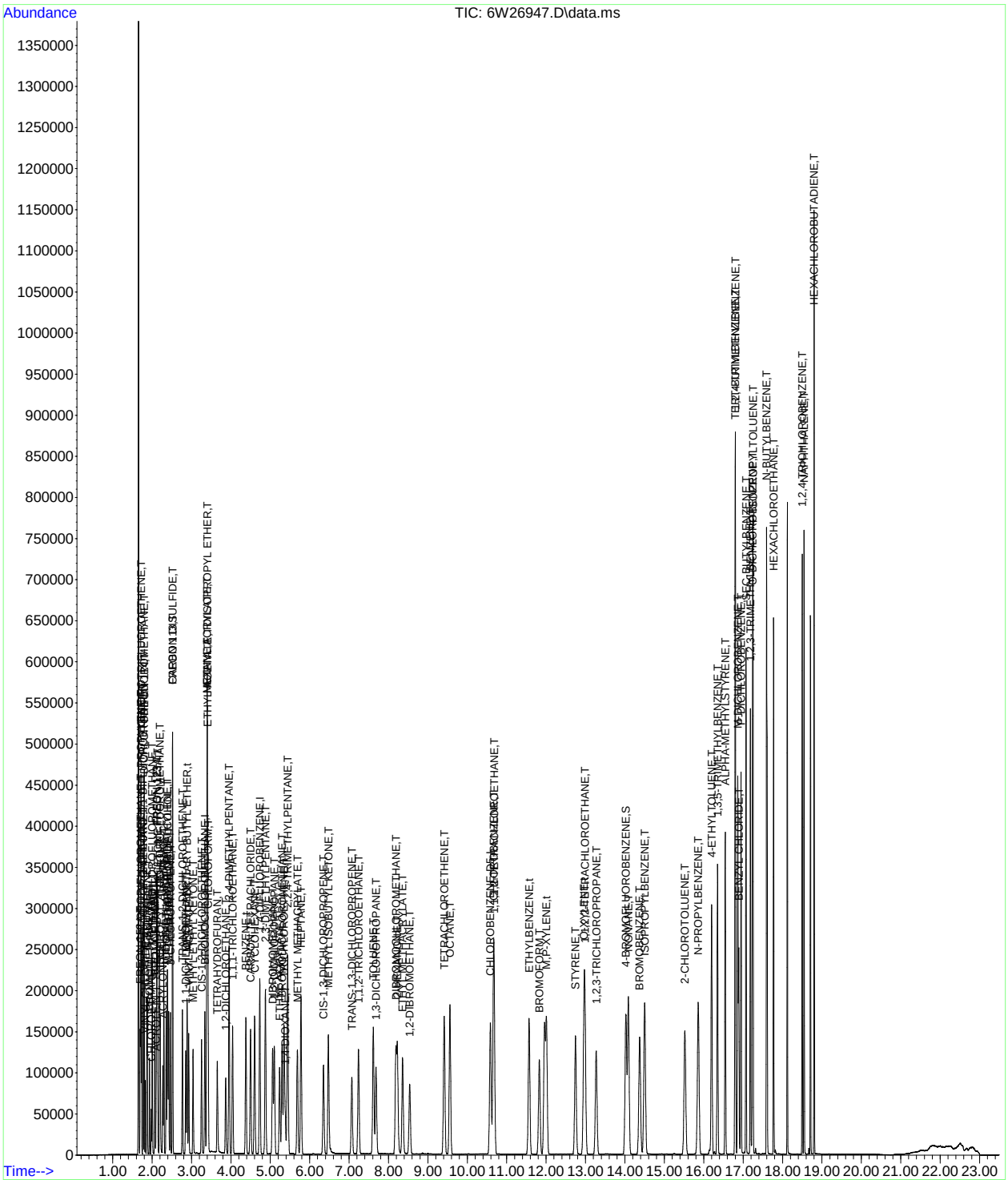
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) ETHYL ACRYLATE	5.235	55	117935	9.64	PPBV	#	96
59) BROMODICHLOROMETHANE	5.296	83	88357	8.36	PPBV		99
60) 2,2,4-TRIMETHYLPENTANE	5.441	57	229832	8.69	PPBV	#	98
61) 1,4-DIOXANE	5.380	88	28366	10.28	PPBV	#	73
62) HEPTANE	5.778	43	94436	8.86	PPBV	#	73
63) METHYL METHACRYLATE	5.688	69	48299	9.46	PPBV	#	51
64) METHYL ISOBUTYL KETONE	6.473	58	46298	10.72	PPBV	#	57
65) CIS-1,3-DICHLOROPROPENE	6.347	75	68379	8.95	PPBV	#	75
66) TOLUENE	7.614	91	143816	8.13	PPBV		100
67) 1,3-DICHLOROPROPANE	7.685	76	76916	9.02	PPBV	#	98
68) TRANS-1,3-DICHLOROPROPENE	7.071	75	60844	9.04	PPBV	#	76
69) 1,1,2-TRICHLOROETHANE	7.241	83	45285	8.97	PPBV		98
70) 2-HEXANONE	8.225	58	61183	12.16	PPBV	#	58
71) ETHYL METHACRYLATE	8.354	69	79842	10.61	PPBV	#	69
72) TETRACHLOROETHENE	9.415	164	58399	9.56	PPBV		97
73) DIBROMOCHLOROMETHANE	8.187	129	94385	8.65	PPBV		99
74) 1,2-DIBROMOETHANE	8.537	107	84037	9.09	PPBV		100
75) OCTANE	9.560	43	128951	9.15	PPBV	#	74
77) 1,1,1,2-TETRACHLOROETHANE	10.682	131	64626	8.61	PPBV		95
78) CHLOROBENZENE	10.666	112	121894	9.02	PPBV		97
79) ETHYLBENZENE	11.569	91	191489	7.95	PPBV		100
80) M,P-XYLENE	12.003	91	299847	16.68	PPBV	#	66
81) O-XYLENE	12.961	91	152624	8.48	PPBV		98
82) STYRENE	12.743	104	117982	9.81	PPBV		97
83) NONANE	14.090	43	137792	8.90	PPBV	#	72
84) BROMOFORM	11.826	173	91906	9.37	PPBV	#	97
85) 1,1,2,2-TETRACHLOROETHANE	12.987	83	120600	9.43	PPBV		99
86) 1,2,3-TRICHLOROPROPANE	13.273	75	91475	9.15	PPBV		99
88) ISOPROPYLBENZENE	14.501	105	223155	8.99	PPBV		95
89) BROMOBENZENE	14.373	77	112775	9.42	PPBV		96
90) 2-CHLOROTOLUENE	15.521	91	155141	9.58	PPBV		99
91) N-PROPYLBENZENE	15.858	91	264295	9.67	PPBV	#	96
92) 4-ETHYLTOLUENE	16.202	105	227089	10.27	PPBV		99
93) 1,3,5-TRIMETHYLBENZENE	16.350	105	187496	10.03	PPBV		97
94) ALPHA-METHYLSTYRENE	16.546	118	96053	10.25	PPBV		97
95) TERT-BUTYLBENZENE	16.797	119	201613	9.61	PPBV		95
96) 1,2,4-TRIMETHYLBENZENE	16.804	105	197193	10.21	PPBV		92
97) BENZYL CHLORIDE	16.890	91	118871	10.15	PPBV		97
98) M-DICHLOROBENZENE	16.865	146	129241	9.62	PPBV		98
99) P-DICHLOROBENZENE	16.945	146	129479	9.65	PPBV		98
100) O-DICHLOROBENZENE	17.238	146	125184	9.53	PPBV		98
101) SEC-BUTYLBENZENE	17.074	105	284088	9.93	PPBV		99
102) 1,2,3-TRIMETHYLBENZENE	17.183	105	189807	10.03	PPBV		97
103) P-ISOPROPYLTOLUENE	17.251	119	241303	9.84	PPBV		96
104) N-BUTYLBENZENE	17.595	91	231190	10.61	PPBV		98
105) HEXACHLOROETHANE	17.771	117	78174	8.78	PPBV		93
106) HEXACHLOROBUTADIENE	18.800	225	103539	10.64	PPBV		100
107) 1,2,4-TRICHLOROBENZENE	18.498	180	114935	10.53	PPBV		98
108) NAPHTHALENE	18.546	128	301421	11.20	PPBV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26947.D
Acq On : 7 Nov 2022 9:25 am
Operator : thomash
Sample : bsd
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 09:52:32 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26991.D
Acq On : 8 Nov 2022 2:43 pm
Operator : thomash
Sample : bs
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 15:22:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.338	128	42763	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.730	114	215690	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.582	117	162892	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.016	95	125051	10.99	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	37926	10.32	PPBV	#	79
4) CHLORODIFLUOROMETHANE	1.708	67	17067	10.24	PPBV		99
5) CHLOROTRIFLUOROETHENE	1.718	116	76910	9.55	PPBV	#	99
6) DICHLORODIFLUOROMETHANE	1.798	85	174492	13.05	PPBV		99
7) PROPYLENE	1.714	41	60328	11.01	PPBV		96
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	162220	13.24	PPBV	#	87
9) FREON 114	1.798	85	185763	13.21	PPBV		92
10) CHLOROMETHANE	1.772	52	27783	14.38	PPBV		93
11) VINYL CHLORIDE	1.830	62	84838	14.48	PPBV		97
12) 1,3-BUTADIENE	1.865	54	70833	14.79	PPBV	#	71
13) N-BUTANE	1.878	43	152379	14.11	PPBV	#	89
14) BROMOMETHANE	1.933	94	63578	14.03	PPBV		99
15) CHLOROETHANE	1.978	64	42495	15.15	PPBV		94
16) DICHLOROFLUOROMETHANE	2.004	67	167507	14.07	PPBV	#	95
17) ACETONITRILE	2.065	41	96916	15.41	PPBV		97
18) ACROLEIN	2.100	56	39473	15.17	PPBV		100
19) FREON 123	2.116	83	157537	13.95	PPBV		99
20) FREON 123A	2.132	117	82906	12.17	PPBV	#	65
21) TRICHLOROFLUOROMETHANE	2.190	101	170642	12.24	PPBV		100
22) ISOPROPYL ALCOHOL	2.206	45	198830	14.13	PPBV	#	97
23) ACETONE	2.139	58	46907	14.81	PPBV	#	45
24) PENTANE	2.300	42	107482	14.33	PPBV	#	92
25) IODOMETHANE	2.357	142	159896	11.90	PPBV	#	82
26) 1,1-DICHLOROETHYLENE	2.383	96	66174	12.48	PPBV	#	46
27) CARBON DISULFIDE	2.521	76	213766	12.73	PPBV	#	87
28) ETHANOL	2.007	45	47244	14.55	PPBV		98
29) BROMOETHENE	2.074	106	60729	12.79	PPBV	#	97
30) ACRYLONITRILE	2.271	52	68834	14.51	PPBV		96
31) METHYLENE CHLORIDE	2.422	84	64138	12.06	PPBV	#	39
32) 3-CHLOROPROPENE	2.464	76	34627	13.38	PPBV	#	1
33) FREON 113	2.518	151	105636	11.24	PPBV		88
34) TRANS-1,2-DICHLOROETHENE	2.769	96	69645	11.77	PPBV	#	70
35) TERTIARY BUTYL ALCOHOL	2.396	59	133810	11.63	PPBV	#	77
36) METHYL TERTIARY BUTYL ...	2.888	73	148594	10.09	PPBV	#	91
37) TETRAHYDROFURAN	3.653	72	36460	13.32	PPBV	#	26
38) HEXANE	3.390	57	149058	12.98	PPBV	#	72
39) VINYL ACETATE	2.930	86	18605	13.11	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.853	63	145643	12.91	PPBV		97
41) METHYL ETHYL KETONE	3.036	72	37331	12.98	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.254	96	72996	11.75	PPBV	#	72
43) DIISOPROPYL ETHER	3.399	59	40702	12.33	PPBV	#	26
44) ETHYL ACETATE	3.406	61	29728	13.11	PPBV	#	1
45) METHYL ACRYLATE	3.390	55	194922	13.73	PPBV	#	97
46) CHLOROFORM	3.418	83	154625	12.13	PPBV	#	92
47) 2,4-DIMETHYLPENTANE	3.952	57	174046	13.41	PPBV	#	92
48) 1,1,1-TRICHLOROETHANE	4.039	97	142430	11.37	PPBV	#	90
49) CARBON TETRACHLORIDE	4.496	117	146400	10.90	PPBV		98
50) 1,2-DICHLOROETHANE	3.865	62	119000	12.26	PPBV	#	95
51) BENZENE	4.377	78	222622	11.68	PPBV		76
53) CYCLOHEXANE	4.598	84	95675	12.16	PPBV	#	63
54) 2,3-DIMETHYLPENTANE	4.872	71	51073	11.92	PPBV	#	38
55) TRICHLOROETHENE	5.344	95	96395	11.38	PPBV		94
56) 1,2-DICHLOROPROPANE	5.100	63	100140	12.88	PPBV		98
57) DIBROMOMETHANE	5.055	174	83697	10.48	PPBV	#	84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26991.D
Acq On : 8 Nov 2022 2:43 pm
Operator : thomash
Sample : bs
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 15:22:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

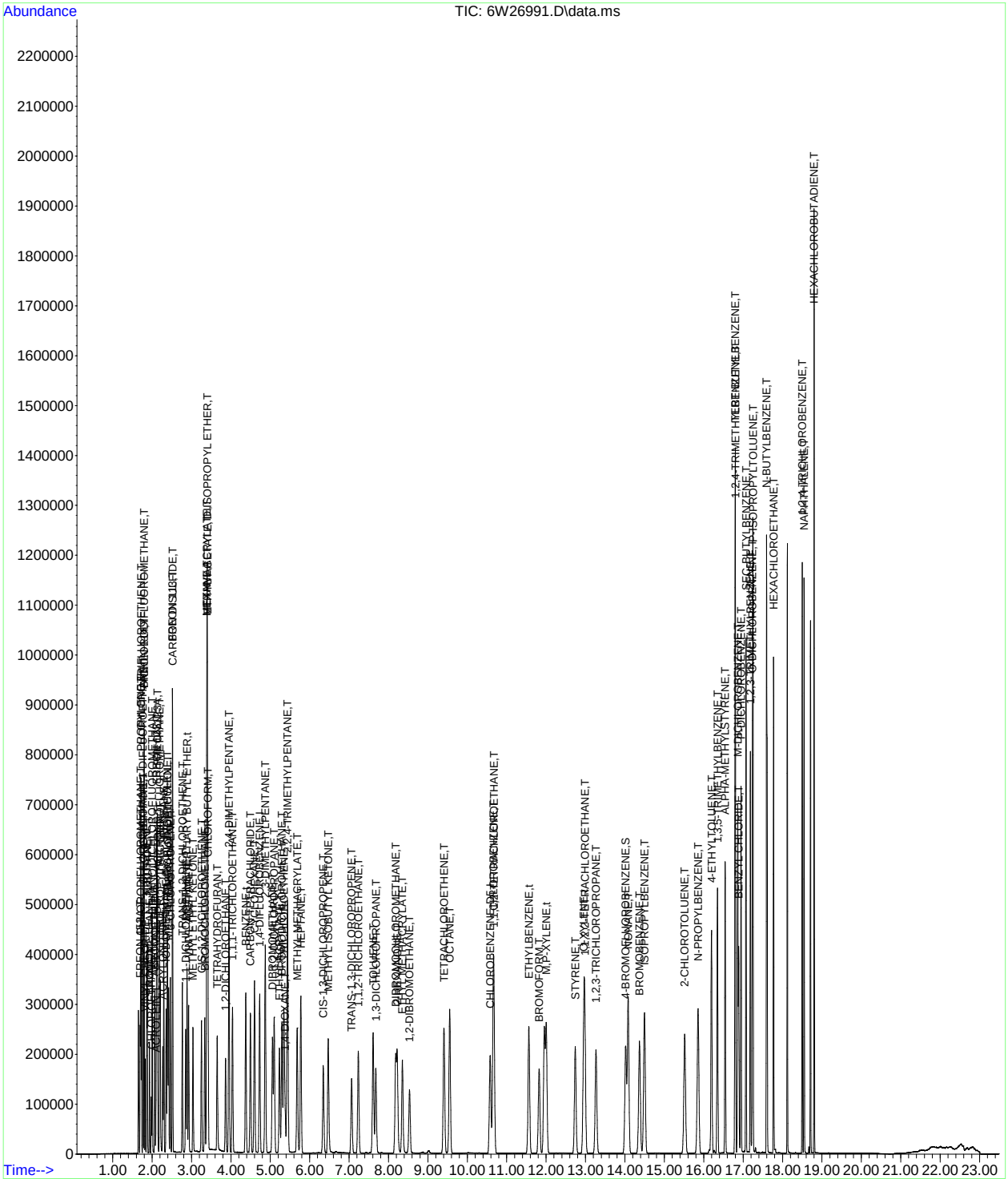
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) ETHYL ACRYLATE	5.232	55	238649	14.47	PPBV	#	96
59) BROMODICHLOROMETHANE	5.293	83	167402	11.74	PPBV		99
60) 2,2,4-TRIMETHYLPENTANE	5.438	57	477129	13.37	PPBV	#	97
61) 1,4-DIOXANE	5.373	88	53528	14.38	PPBV	#	65
62) HEPTANE	5.775	43	156550	10.89	PPBV	#	71
63) METHYL METHACRYLATE	5.685	69	89970	13.06	PPBV	#	32
64) METHYL ISOBUTYL KETONE	6.470	58	74906	12.85	PPBV	#	61
65) CIS-1,3-DICHLOROPROPENE	6.344	75	106654	10.35	PPBV	#	70
66) TOLUENE	7.611	91	223672	9.37	PPBV		99
67) 1,3-DICHLOROPROPANE	7.679	76	120667	10.49	PPBV	#	97
68) TRANS-1,3-DICHLOROPROPENE	7.061	75	94859	10.45	PPBV	#	73
69) 1,1,2-TRICHLOROETHANE	7.238	83	71695	10.52	PPBV		98
70) 2-HEXANONE	8.222	58	95631	14.09	PPBV	#	61
71) ETHYL METHACRYLATE	8.351	69	122117	12.02	PPBV	#	65
72) TETRACHLOROETHENE	9.412	164	83377	10.11	PPBV		96
73) DIBROMOCHLOROMETHANE	8.180	129	136804	9.29	PPBV		99
74) 1,2-DIBROMOETHANE	8.534	107	121192	9.71	PPBV		100
75) OCTANE	9.550	43	209499	11.02	PPBV	#	72
77) 1,1,1,2-TETRACHLOROETHANE	10.675	131	93911	10.75	PPBV		91
78) CHLOROBENZENE	10.663	112	173983	11.05	PPBV		94
79) ETHYLBENZENE	11.563	91	299038	10.66	PPBV		95
80) M,P-XYLENE	12.003	91	463369	22.13	PPBV	#	63
81) O-XYLENE	12.955	91	236801	11.30	PPBV		95
82) STYRENE	12.736	104	166526	11.88	PPBV		95
83) NONANE	14.084	43	225874	12.52	PPBV	#	71
84) BROMOFORM	11.820	173	128648	11.26	PPBV	#	98
85) 1,1,2,2-TETRACHLOROETHANE	12.984	83	190814	12.82	PPBV		100
86) 1,2,3-TRICHLOROPROPANE	13.267	75	145379	12.48	PPBV		95
88) ISOPROPYLBENZENE	14.498	105	329099	11.39	PPBV		96
89) BROMOBENZENE	14.373	77	173550	12.45	PPBV		89
90) 2-CHLOROTOLUENE	15.518	91	239371	12.69	PPBV		96
91) N-PROPYLBENZENE	15.855	91	421046	13.22	PPBV	#	92
92) 4-ETHYLTOLUENE	16.199	105	335350	13.02	PPBV		98
93) 1,3,5-TRIMETHYLBENZENE	16.350	105	276105	12.68	PPBV		97
94) ALPHA-METHYLSTYRENE	16.543	118	134626	12.33	PPBV		98
95) TERT-BUTYLBENZENE	16.797	119	303767	12.43	PPBV		92
96) 1,2,4-TRIMETHYLBENZENE	16.804	105	293260	13.03	PPBV		93
97) BENZYL CHLORIDE	16.887	91	184052	13.49	PPBV		95
98) M-DICHLOROBENZENE	16.865	146	192502	12.30	PPBV		99
99) P-DICHLOROBENZENE	16.945	146	190614	12.20	PPBV		99
100) O-DICHLOROBENZENE	17.235	146	187707	12.26	PPBV		99
101) SEC-BUTYLBENZENE	17.074	105	431887	12.96	PPBV		98
102) 1,2,3-TRIMETHYLBENZENE	17.183	105	287600	13.05	PPBV		97
103) P-ISOPROPYLTOLUENE	17.251	119	368816	12.91	PPBV	#	95
104) N-BUTYLBENZENE	17.595	91	383150	15.09	PPBV		98
105) HEXACHLOROETHANE	17.772	117	121182	11.68	PPBV		92
106) HEXACHLOROBUTADIENE	18.800	225	159855	14.10	PPBV		100
107) 1,2,4-TRICHLOROBENZENE	18.498	180	179841	14.14	PPBV		99
108) NAPHTHALENE	18.546	128	466312	14.87	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26991.D
Acq On : 8 Nov 2022 2:43 pm
Operator : thomash
Sample : bs
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 15:22:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 12/09/22 12:14

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26992.D
Acq On : 8 Nov 2022 3:14 pm
Operator : thomash
Sample : bsd
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 11:33:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.338	128	45121	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.734	114	225399	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.585	117	172398	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.019	95	133722	11.11	PPBV	0.00
Target Compounds						Qvalue
3) FREON 152A	1.698	65	38206	9.85	PPBV	# 75
4) CHLORODIFLUOROMETHANE	1.708	67	17619	10.02	PPBV	98
5) CHLOROTRIFLUOROETHENE	1.718	116	78760	9.27	PPBV	# 99
6) DICHLORODIFLUOROMETHANE	1.798	85	166695	11.82	PPBV	99
7) PROPYLENE	1.718	41	61769	10.68	PPBV	96
8) 1-CHLORO-1,1-DIFLUOROE...	1.769	65	165562	12.81	PPBV	# 86
9) FREON 114	1.801	85	186608	12.57	PPBV	92
10) CHLOROMETHANE	1.775	52	28161	13.82	PPBV	93
11) VINYL CHLORIDE	1.830	62	85974	13.91	PPBV	97
12) 1,3-BUTADIENE	1.865	54	71790	14.20	PPBV	# 71
13) N-BUTANE	1.882	43	153834	13.50	PPBV	# 89
14) BROMOMETHANE	1.936	94	63695	13.32	PPBV	100
15) CHLOROETHANE	1.981	64	42711	14.43	PPBV	94
16) DICHLOROFLUOROMETHANE	2.004	67	169816	13.52	PPBV	# 95
17) ACETONITRILE	2.068	41	99535	15.00	PPBV	98
18) ACROLEIN	2.103	56	40575	14.78	PPBV	99
19) FREON 123	2.116	83	159567	13.39	PPBV	99
20) FREON 123A	2.132	117	84480	11.76	PPBV	# 66
21) TRICHLOROFLUOROMETHANE	2.193	101	172585	11.73	PPBV	100
22) ISOPROPYL ALCOHOL	2.209	45	202990	13.68	PPBV	# 96
23) ACETONE	2.139	58	48156	14.41	PPBV	# 45
24) PENTANE	2.300	42	110883	14.01	PPBV	# 92
25) IODOMETHANE	2.357	142	160786	11.34	PPBV	# 81
26) 1,1-DICHLOROETHYLENE	2.386	96	66178	11.83	PPBV	# 43
27) CARBON DISULFIDE	2.521	76	216170	12.20	PPBV	# 87
28) ETHANOL	2.007	45	48214	14.07	PPBV	97
29) BROMOETHENE	2.074	106	60521	12.08	PPBV	# 98
30) ACRYLONITRILE	2.274	52	70573	14.10	PPBV	95
31) METHYLENE CHLORIDE	2.422	84	65089	11.60	PPBV	# 43
32) 3-CHLOROPROPENE	2.463	76	34902	12.78	PPBV	# 1
33) FREON 113	2.521	151	107022	10.79	PPBV	87
34) TRANS-1,2-DICHLOROETHENE	2.772	96	71249	11.41	PPBV	# 70
35) TERTIARY BUTYL ALCOHOL	2.396	59	137929	11.36	PPBV	# 78
36) METHYL TERTIARY BUTYL ...	2.888	73	152531	9.81	PPBV	# 90
37) TETRAHYDROFURAN	3.656	72	36765	12.73	PPBV	# 23
38) HEXANE	3.393	57	149904	12.37	PPBV	# 71
39) VINYL ACETATE	2.933	86	18837	12.58	PPBV	# 1
40) 1,1-DICHLOROETHANE	2.856	63	146575	12.31	PPBV	98
41) METHYL ETHYL KETONE	3.039	72	37999	12.52	PPBV	# 1
42) CIS-1,2-DICHLOROETHENE	3.258	96	73413	11.20	PPBV	# 72
43) DIISOPROPYL ETHER	3.402	59	40988	11.77	PPBV	# 21
44) ETHYL ACETATE	3.406	61	30744	12.85	PPBV	# 7
45) METHYL ACRYLATE	3.393	55	198946	13.28	PPBV	# 96
46) CHLOROFORM	3.422	83	156730	11.65	PPBV	# 93
47) 2,4-DIMETHYLPENTANE	3.955	57	175302	12.81	PPBV	# 90
48) 1,1,1-TRICHLOROETHANE	4.045	97	145739	11.03	PPBV	# 90
49) CARBON TETRACHLORIDE	4.499	117	146686	10.35	PPBV	100
50) 1,2-DICHLOROETHANE	3.872	62	122768	11.99	PPBV	# 94
51) BENZENE	4.380	78	225109	11.19	PPBV	75
53) CYCLOHEXANE	4.602	84	96350	11.72	PPBV	# 63
54) 2,3-DIMETHYLPENTANE	4.878	71	52944	11.83	PPBV	# 42
55) TRICHLOROETHENE	5.351	95	96007	10.85	PPBV	94
56) 1,2-DICHLOROPROPANE	5.103	63	102109	12.56	PPBV	98
57) DIBROMOMETHANE	5.058	174	84229	10.09	PPBV	# 84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26992.D
Acq On : 8 Nov 2022 3:14 pm
Operator : thomash
Sample : bsd
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 11:33:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

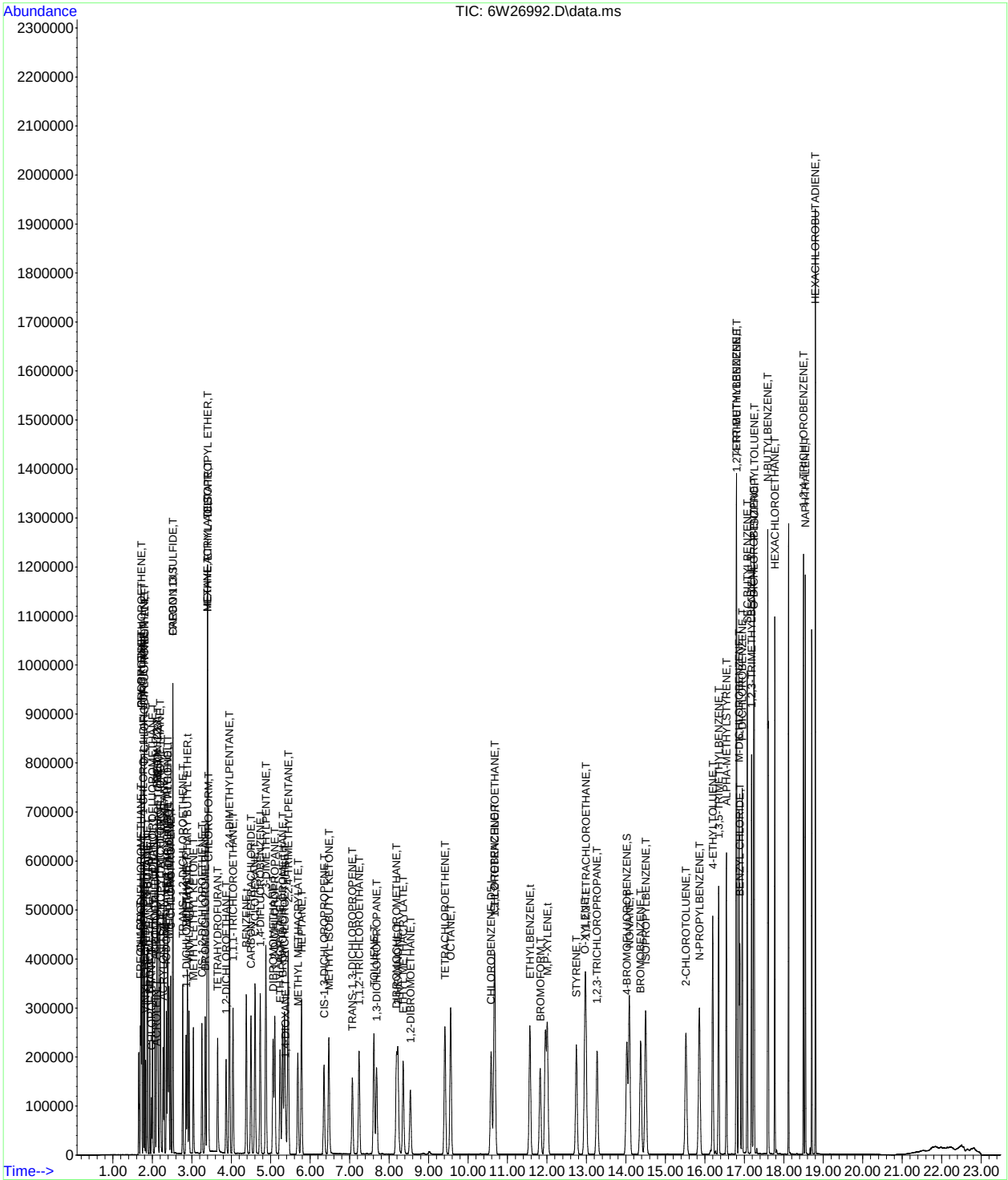
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	ETHYL ACRYLATE	5.238	55	243619	14.13	PPBV	#	95
59)	BROMODICHLOROMETHANE	5.299	83	169345	11.36	PPBV		98
60)	2,2,4-TRIMETHYLPENTANE	5.444	57	388101	10.41	PPBV	#	97
61)	1,4-DIOXANE	5.377	88	48179	12.39	PPBV	#	69
62)	HEPTANE	5.782	43	157322	10.47	PPBV	#	72
63)	METHYL METHACRYLATE	5.688	69	77752	10.80	PPBV	#	45
64)	METHYL ISOBUTYL KETONE	6.473	58	76444	12.55	PPBV	#	60
65)	CIS-1,3-DICHLOROPROPENE	6.351	75	110058	10.22	PPBV	#	70
66)	TOLUENE	7.618	91	229062	9.19	PPBV		99
67)	1,3-DICHLOROPROPANE	7.685	76	123840	10.30	PPBV	#	98
68)	TRANS-1,3-DICHLOROPROPENE	7.068	75	98383	10.37	PPBV	#	73
69)	1,1,2-TRICHLOROETHANE	7.241	83	73690	10.35	PPBV		97
70)	2-HEXANONE	8.225	58	97085	13.68	PPBV	#	59
71)	ETHYL METHACRYLATE	8.357	69	125765	11.85	PPBV	#	65
72)	TETRACHLOROETHENE	9.415	164	86093	9.99	PPBV		96
73)	DIBROMOCHLOROMETHANE	8.184	129	140558	9.14	PPBV		99
74)	1,2-DIBROMOETHANE	8.540	107	124219	9.53	PPBV		100
75)	OCTANE	9.560	43	215666	10.85	PPBV	#	72
77)	1,1,1,2-TETRACHLOROETHANE	10.679	131	97345	10.52	PPBV		90
78)	CHLOROBENZENE	10.666	112	180177	10.82	PPBV		95
79)	ETHYLBENZENE	11.569	91	308170	10.38	PPBV		96
80)	M,P-XYLENE	12.010	91	475969m	21.48	PPBV		
81)	O-XYLENE	12.958	91	243198	10.96	PPBV		93
82)	STYRENE	12.743	104	173056	11.67	PPBV		94
83)	NONANE	14.087	43	231855	12.15	PPBV	#	72
84)	BROMOFORM	11.830	173	132064	10.92	PPBV	#	98
85)	1,1,2,2-TETRACHLOROETHANE	12.984	83	197675	12.54	PPBV		100
86)	1,2,3-TRICHLOROPROPANE	13.267	75	149693	12.14	PPBV		95
88)	ISOPROPYLBENZENE	14.502	105	340159	11.12	PPBV		96
89)	BROMOBENZENE	14.373	77	179551	12.17	PPBV		89
90)	2-CHLOROTOLUENE	15.521	91	246857	12.36	PPBV		96
91)	N-PROPYLBENZENE	15.862	91	429854	12.76	PPBV	#	93
92)	4-ETHYLTOLUENE	16.199	105	342389	12.56	PPBV		98
93)	1,3,5-TRIMETHYLBENZENE	16.347	105	285056	12.36	PPBV	#	97
94)	ALPHA-METHYLSTYRENE	16.547	118	139418	12.07	PPBV		98
95)	TERT-BUTYLBENZENE	16.797	119	312821	12.09	PPBV		92
96)	1,2,4-TRIMETHYLBENZENE	16.804	105	301342	12.65	PPBV		93
97)	BENZYL CHLORIDE	16.887	91	189929	13.16	PPBV		95
98)	M-DICHLOROBENZENE	16.865	146	196669	11.88	PPBV		99
99)	P-DICHLOROBENZENE	16.945	146	198689	12.02	PPBV		98
100)	O-DICHLOROBENZENE	17.238	146	192415	11.88	PPBV		98
101)	SEC-BUTYLBENZENE	17.074	105	446892	12.67	PPBV		98
102)	1,2,3-TRIMETHYLBENZENE	17.183	105	292716	12.55	PPBV	#	97
103)	P-ISOPROPYLTOLUENE	17.251	119	380633	12.59	PPBV	#	95
104)	N-BUTYLBENZENE	17.595	91	393053	14.63	PPBV		98
105)	HEXACHLOROETHANE	17.772	117	121509	11.07	PPBV		93
106)	HEXACHLOROBUTADIENE	18.800	225	162130	13.51	PPBV		100
107)	1,2,4-TRICHLOROBENZENE	18.498	180	183710	13.65	PPBV		99
108)	NAPHTHALENE	18.546	128	474296	14.29	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26992.D
Acq On : 8 Nov 2022 3:14 pm
Operator : thomash
Sample : bsd
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 11:33:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Manual Integration Approval Summary

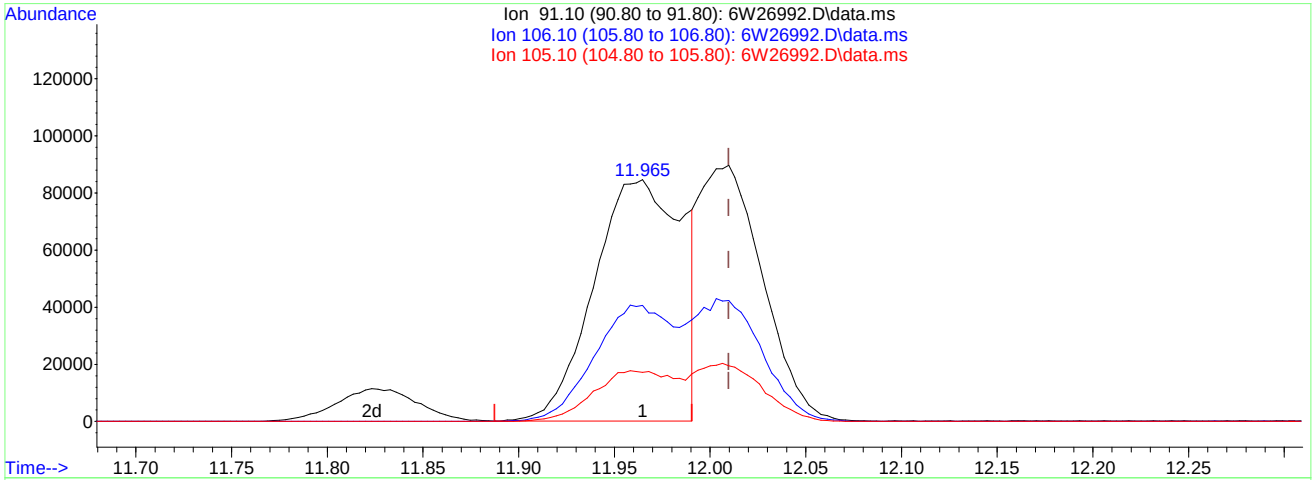
Sample Number:	V6W1142-BSD	**Method:**	TO-15
Lab FileID:	6W26992.D	**Analyst approved:**	12/09/22 11:35 William Cruser
Injection Time:	11/08/22 15:14	**Supervisor approved:**	12/09/22 12:14 Kanya Veerawat

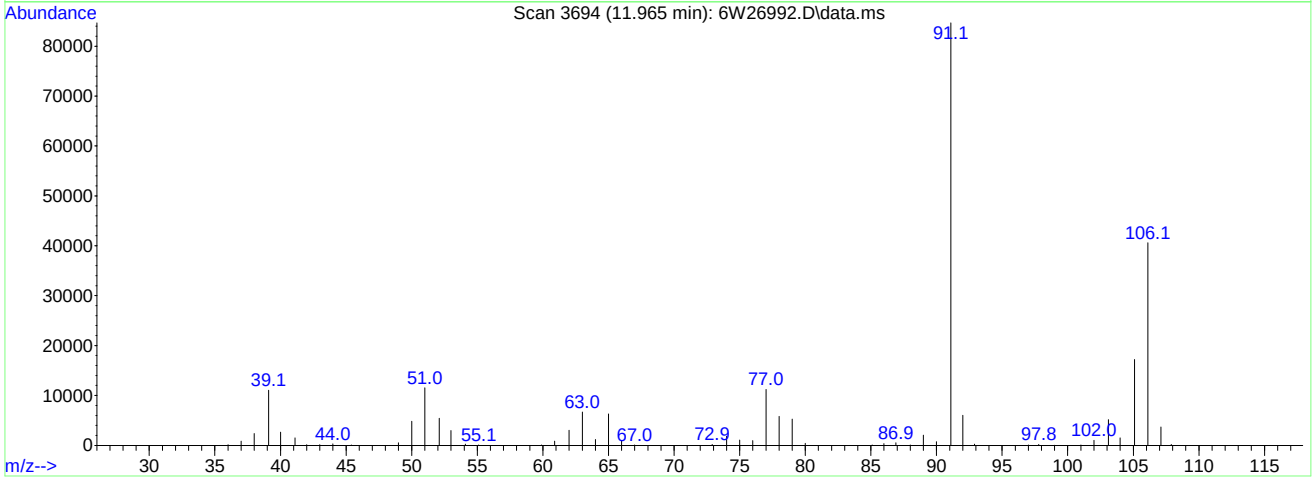
Parameter	CAS	Sig#	R.T. (min.)	Reason
m,p-Xylene			12.01	Split peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26992.D
Acq On : 8 Nov 2022 3:14 pm
Operator : thomash
Sample : bsd
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 15:40:52 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26992.D\data.ms

(80) M,P-XYLENE (t)

11.965min (-0.045) 12.16PPBV

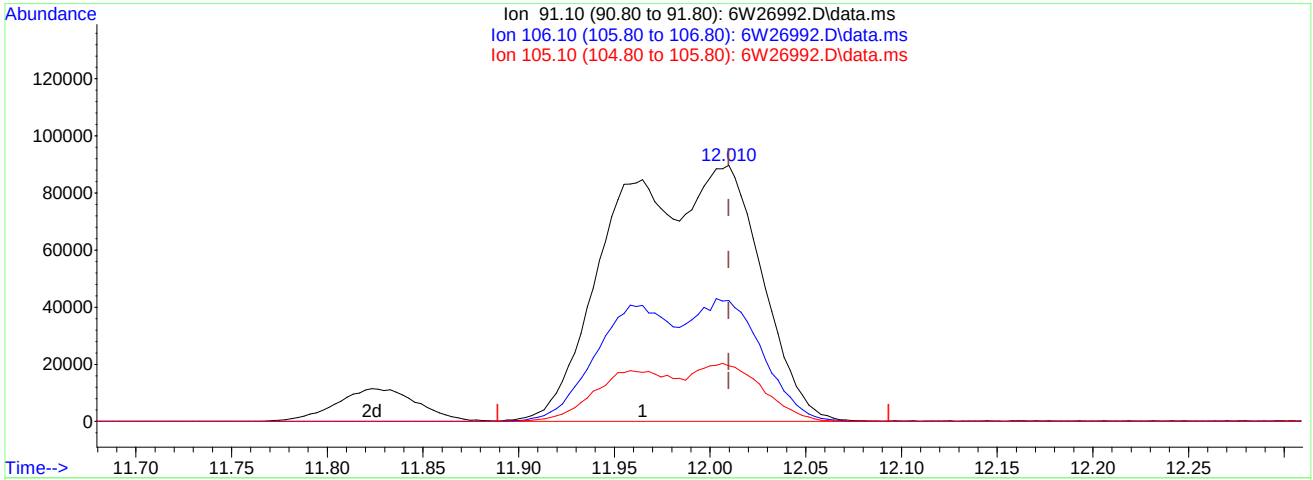
response 269421

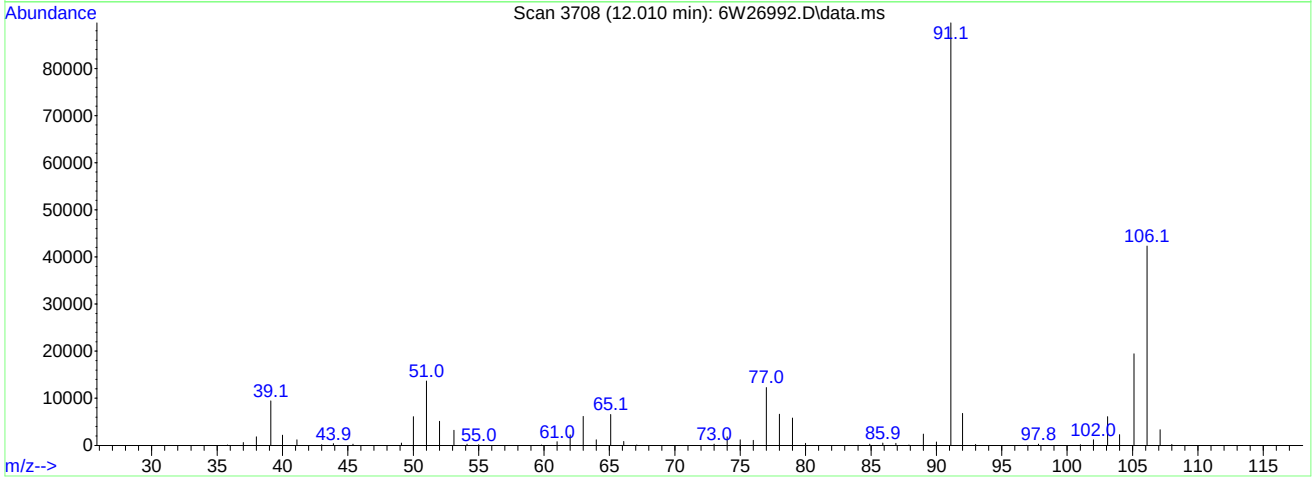
Ion	Exp%	Act%
91.10	100	100
106.10	51.50	42.58
105.10	23.60	18.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26992.D
Acq On : 8 Nov 2022 3:14 pm
Operator : thomash
Sample : bsd
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 15:40:52 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26992.D\data.ms

(80) M,P-XYLENE (t)

12.010min (+0.000) 21.48PPBV m

response 475969

Ion	Exp%	Act%
91.10	100	100
106.10	51.50	24.10#
105.10	23.60	10.70
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78387.D
Acq On : 13 Dec 2022 5:56 pm
Operator : thomash
Sample : jd56989-1dup
Misc : MS64733,V3W3087,100,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 20:47:19 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

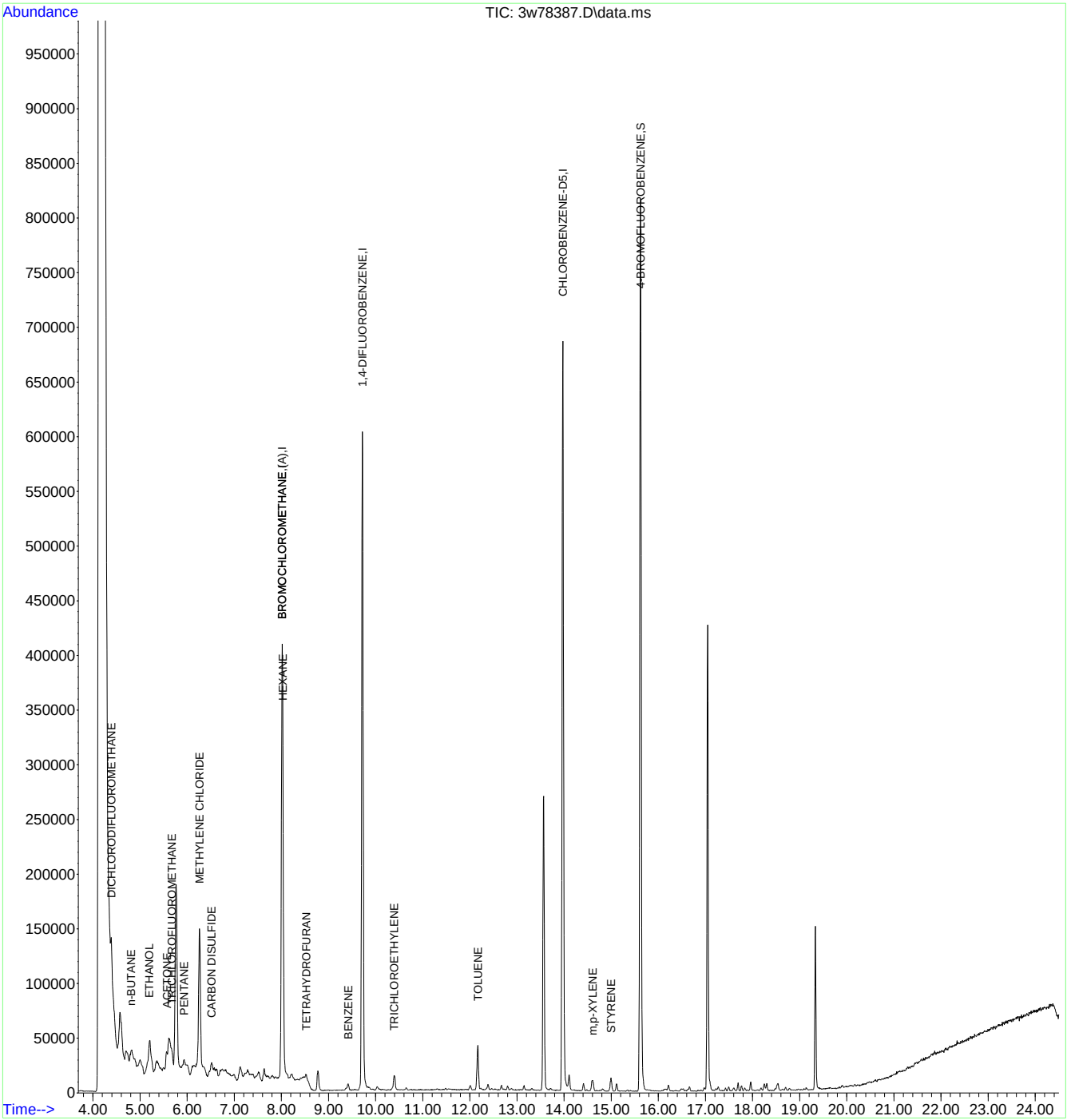
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.013	128	106843	10.00	PPBV		-0.07
51) 1,4-DIFLUOROBENZENE	9.716	114	535704	10.00	PPBV		-0.07
70) CHLOROBENZENE-D5	13.975	82	271835	10.00	PPBV		-0.07
109) BROMOCHLOROMETHANE (A)	8.013	128	106843	10.00	PPBV		-0.07
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.623	95	319837	10.08	PPBV		-0.07
Spiked Amount 10.000	Range 65 - 128		Recovery = 100.80%				
Target Compounds							Qvalue
6) DICHLORODIFLUOROMETHANE	4.393	85	41127	0.79	PPBV		98
13) n-BUTANE	4.813	43	4602	0.17	PPBV	#	92
21) TRICHLOROFLUOROMETHANE	5.670	101	5358	0.12	PPBV		97
23) ACETONE	5.573	58	8051	0.99	PPBV		93
24) PENTANE	5.932	42	2186	0.11	PPBV	#	75
27) CARBON DISULFIDE	6.516	76	15134	0.33	PPBV	#	73
28) ETHANOL	5.196	45	24778	3.27	PPBV		96
31) METHYLENE CHLORIDE	6.261	84	78844	5.16	PPBV		98
37) TETRAHYDROFURAN	8.524	72	1454	0.19	PPBV		97
38) HEXANE	8.031	57	54864	2.18	PPBV	#	73
52) BENZENE	9.418	78	5528	0.11	PPBV		93
55) TRICHLOROETHYLENE	10.391	95	3085	0.13	PPBV		96
66) TOLUENE	12.168	92	18123	0.50	PPBV		97
80) m,p-XYLENE	14.607	106	4681	0.15	PPBV		96
82) STYRENE	14.997	104	6174	0.15	PPBV		94

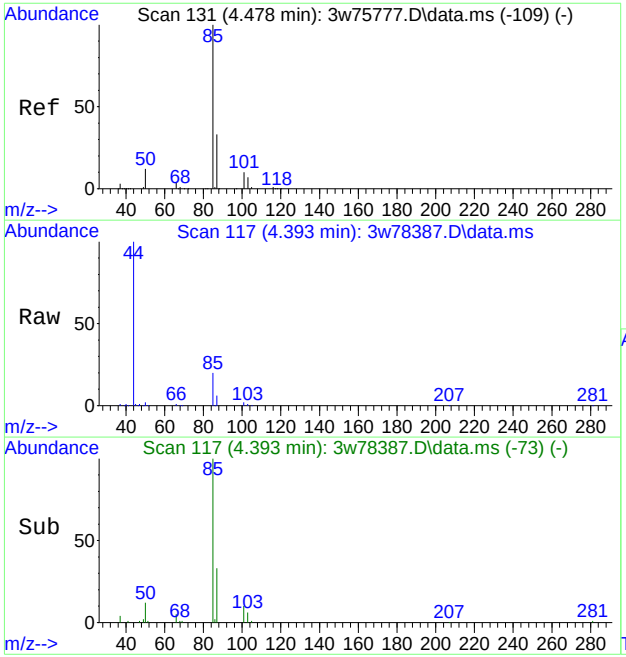
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78387.D
Acq On : 13 Dec 2022 5:56 pm
Operator : thomash
Sample : jd56989-1dup
Misc : MS64733,V3W3087,100,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 20:47:19 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

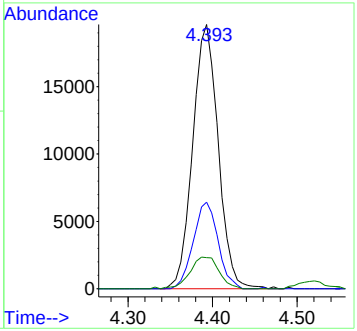


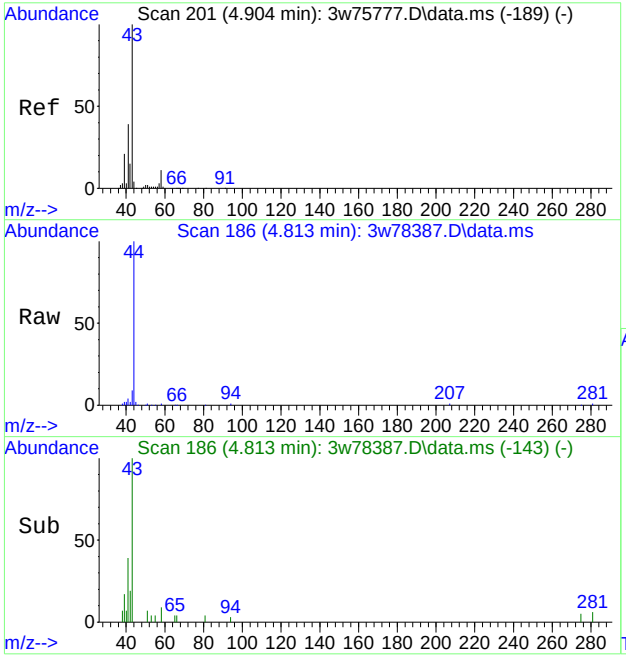


#6
DICHLORODIFLUOROMETHANE
Concen: 0.79 PPBV
RT: 4.393 min Scan# 117
Delta R.T. -0.061 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 85 Resp: 41127

Ion	Ratio	Lower	Upper
85	100		
87	31.9	12.0	52.0
50	13.7	0.0	30.7

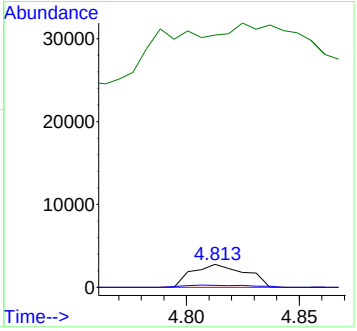


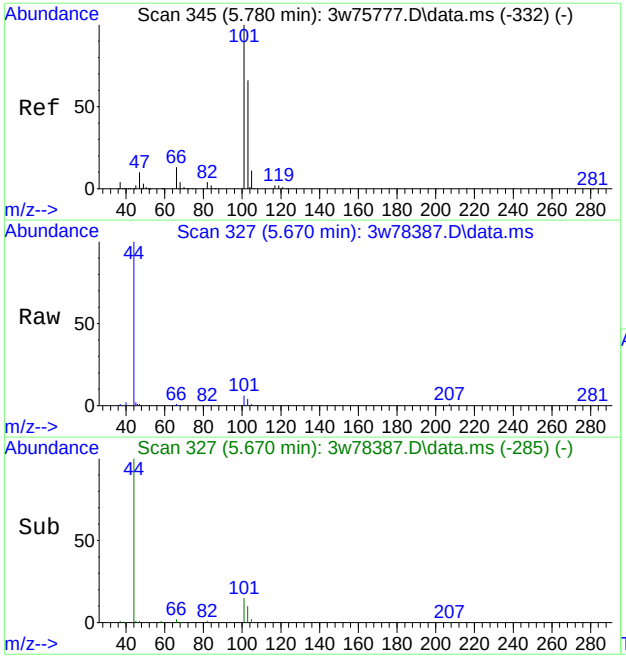


#13
n-BUTANE
Concen: 0.17 PPBV
RT: 4.813 min Scan# 186
Delta R.T. -0.067 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 43 Resp: 4602

Ion	Ratio	Lower	Upper
43	100		
58	12.7	0.0	30.1
44	0.0	0.0	23.9

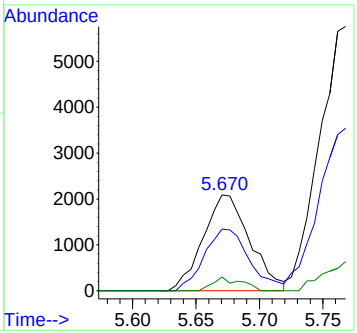


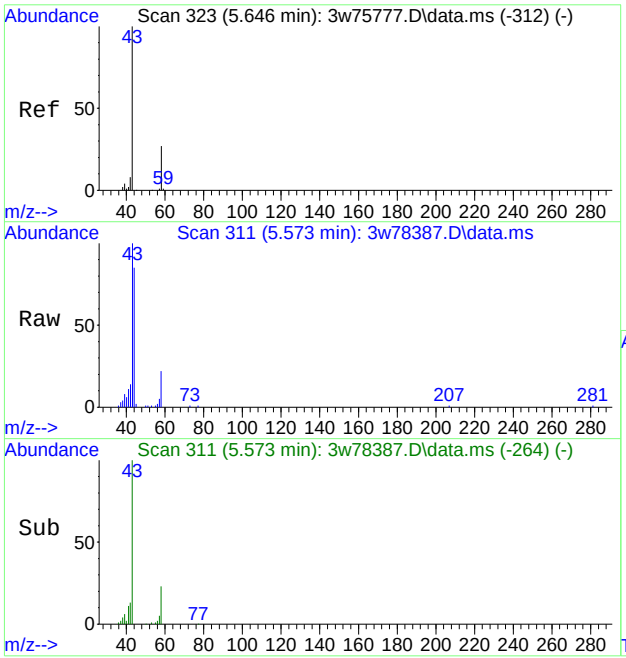


#21
TRICHLOROFLUOROMETHANE
Concen: 0.12 PPBV
RT: 5.670 min Scan# 327
Delta R.T. -0.073 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion:101 Resp: 5358

Ion	Ratio	Lower	Upper
101	100		
103	62.0	44.4	84.4
105	8.6	0.0	30.5

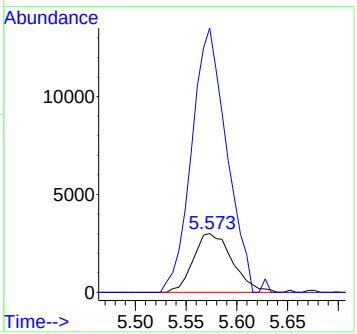


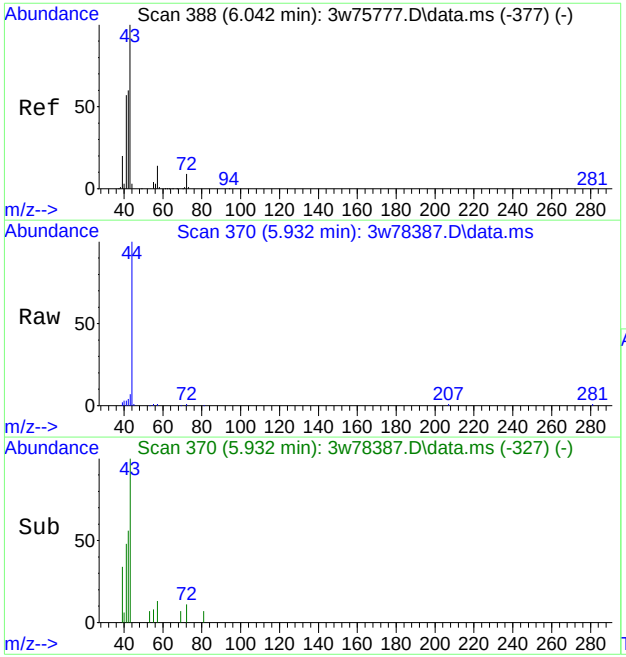


#23
ACETONE
Concen: 0.99 PPBV
RT: 5.573 min Scan# 311
Delta R.T. -0.043 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 58 Resp: 8051

Ion	Ratio	Lower	Upper
58	100		
43	401.5	365.9	405.9

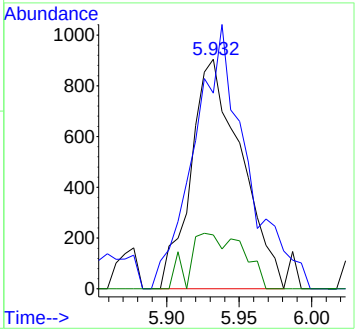


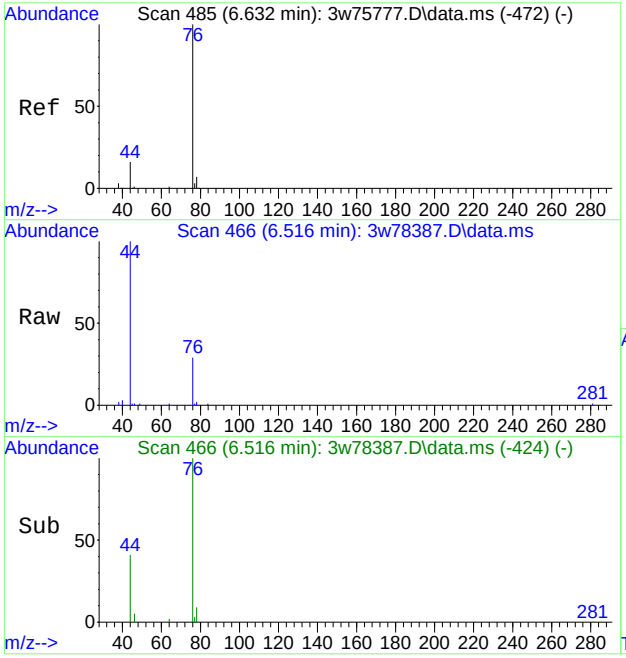


#24
PENTANE
Concen: 0.11 PPBV
RT: 5.932 min Scan# 370
Delta R.T. -0.067 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 42 Resp: 2186

Ion	Ratio	Lower	Upper
42	100		
41	119.6	72.1	112.1#
57	25.7	1.5	41.5

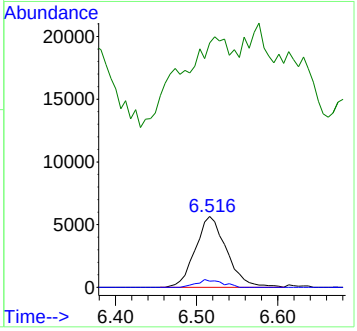


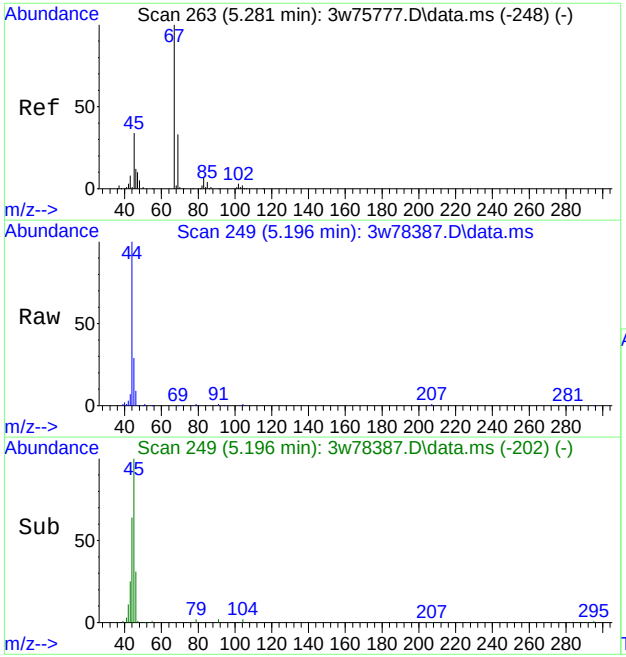


#27
CARBON DISULFIDE
Concen: 0.33 PPBV
RT: 6.516 min Scan# 466
Delta R.T. -0.073 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 76 Resp: 15134

Ion	Ratio	Lower	Upper
76	100		
78	8.9	0.0	28.9
44	0.0	0.0	37.9

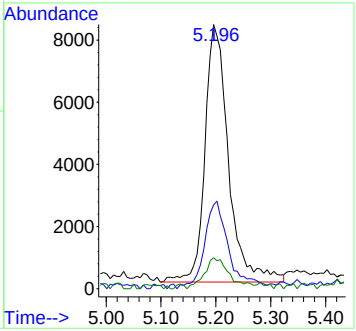


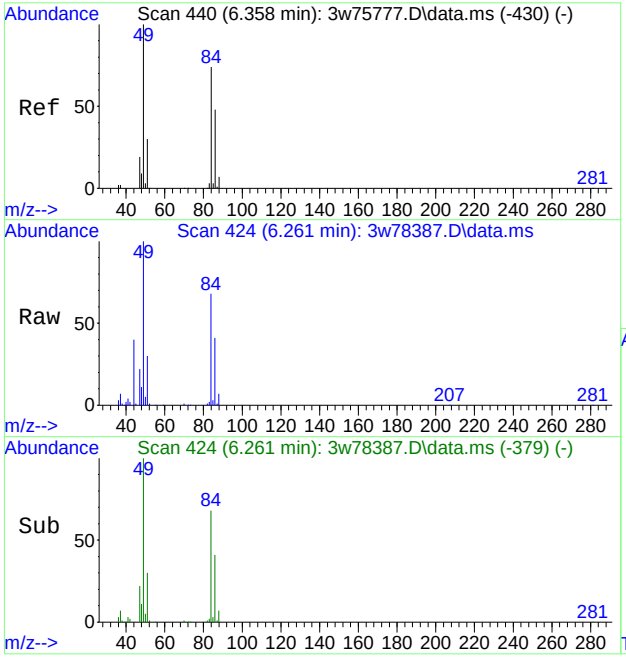


#28
ETHANOL
Concen: 3.27 PPBV
RT: 5.196 min Scan# 249
Delta R.T. -0.042 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 45 Resp: 24778

Ion	Ratio	Lower	Upper
45	100		
46	35.7	14.0	54.0
42	13.8	0.0	30.3

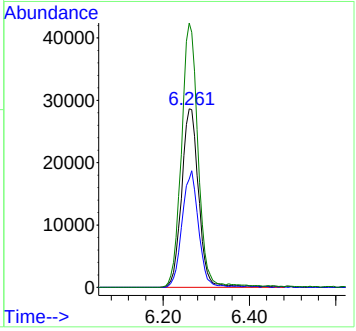


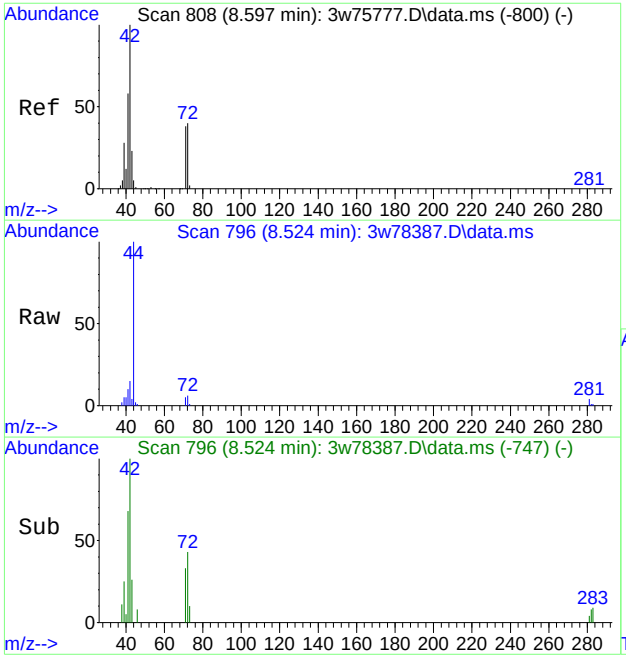


#31
METHYLENE CHLORIDE
Concen: 5.16 PPBV
RT: 6.261 min Scan# 424
Delta R.T. -0.054 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 84 Resp: 78844

Ion	Ratio	Lower	Upper
84	100		
86	62.6	45.6	85.6
49	144.1	0.0	345.4

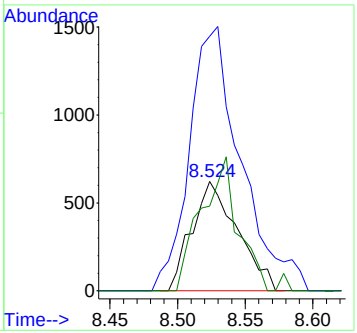


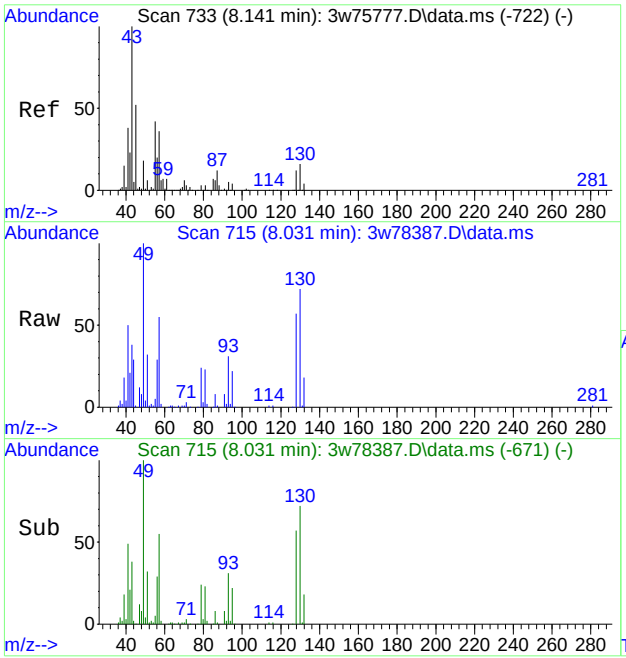


#37
TETRAHYDROFURAN
Concen: 0.19 PPBV
RT: 8.524 min Scan# 796
Delta R.T. -0.030 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 72 Resp: 1454

Ion	Ratio	Lower	Upper
72	100		
42	273.9	259.1	299.1
71	99.7	76.9	116.9

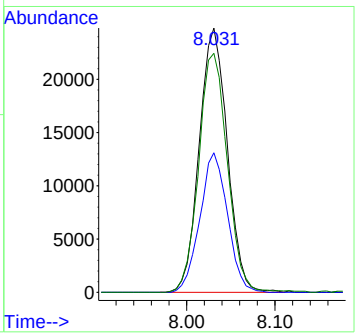


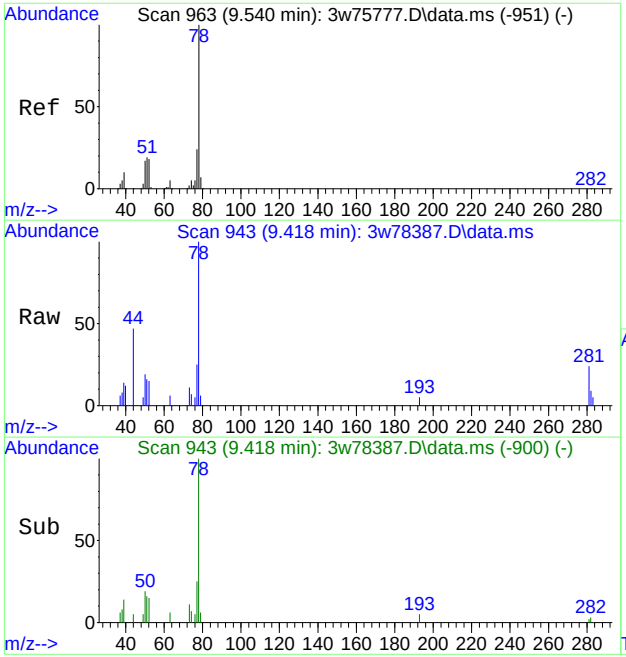


#38
HEXANE
Concen: 2.18 PPBV
RT: 8.031 min Scan# 715
Delta R.T. -0.061 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 57 Resp: 54864

Ion	Ratio	Lower	Upper
57	100		
56	52.0	34.8	74.8
41	92.8	116.4	156.4#

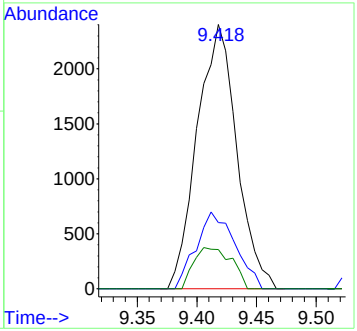


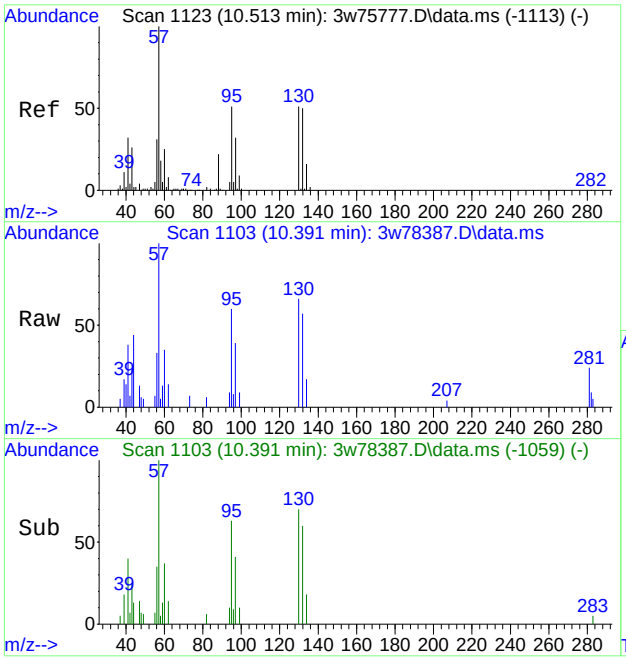


#52
BENZENE
Concen: 0.11 PPBV
RT: 9.418 min Scan# 943
Delta R.T. -0.067 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 78 Resp: 5528

Ion	Ratio	Lower	Upper
78	100		
77	28.6	4.0	44.0
52	14.9	0.0	36.8

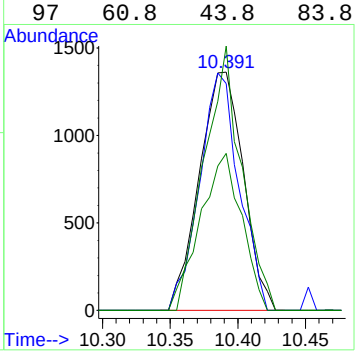


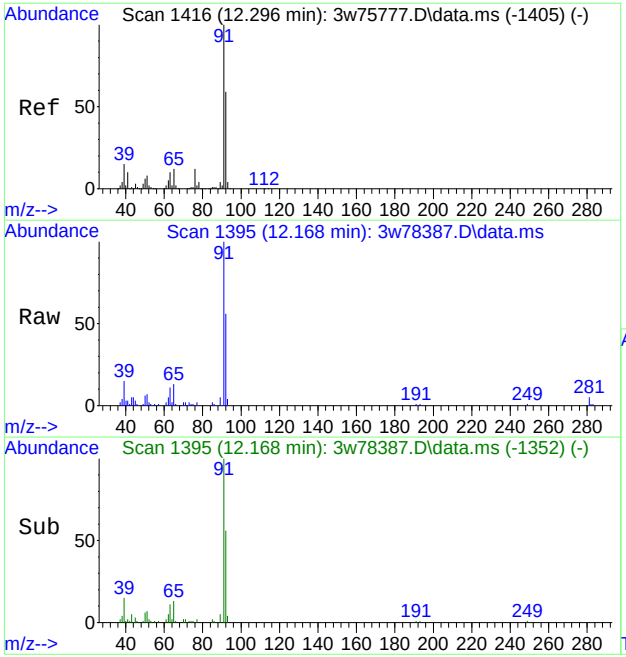


#55
TRICHLOROETHYLENE
Concen: 0.13 PPBV
RT: 10.391 min Scan# 1103
Delta R.T. -0.061 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 95 Resp: 3085

Ion	Ratio	Lower	Upper
95	100		
132	89.6	75.6	115.6
130	95.7	78.7	118.7
97	60.8	43.8	83.8

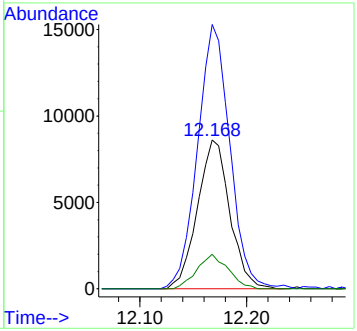


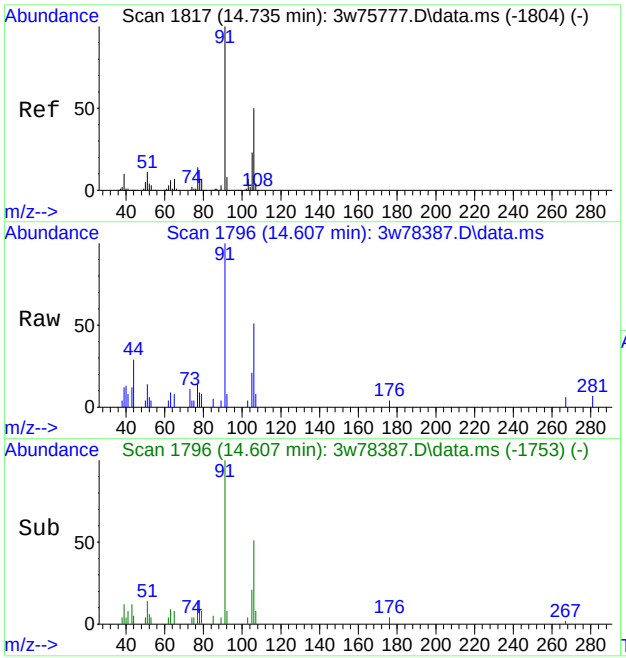


#66
TOLUENE
Concen: 0.50 PPBV
RT: 12.168 min Scan# 1395
Delta R.T. -0.067 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion: 92 Resp: 18123

Ion	Ratio	Lower	Upper
92	100		
91	177.7	153.5	193.5
65	22.4	3.3	43.3

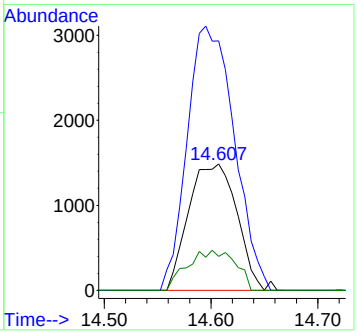


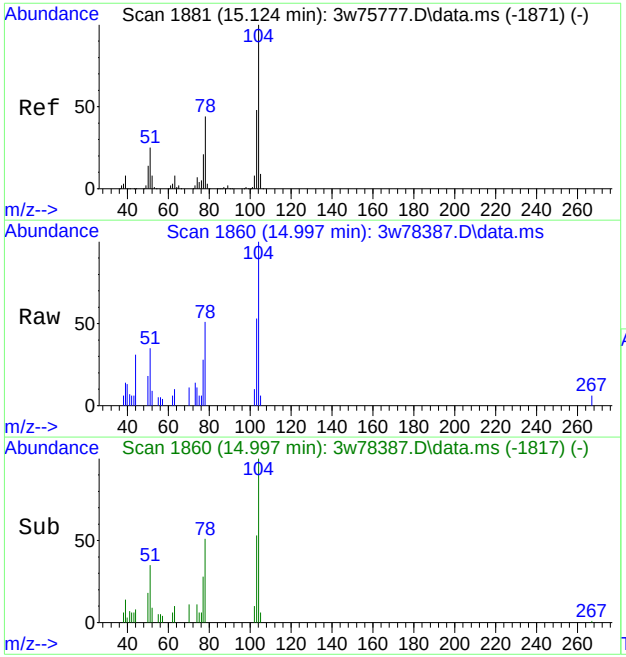


#80
m,p-XYLENE
Concen: 0.15 PPBV
RT: 14.607 min Scan# 1796
Delta R.T. -0.067 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion:106 Resp: 4681

Ion	Ratio	Lower	Upper
106	100		
91	197.3	182.9	222.9
77	26.8	8.2	48.2

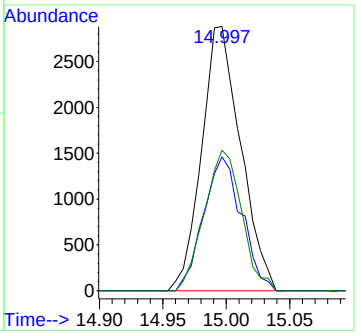




#82
STYRENE
Concen: 0.15 PPBV
RT: 14.997 min Scan# 1860
Delta R.T. -0.066 min
Lab File: 3w78387.D
Acq: 13 Dec 2022 5:56 pm

Tgt Ion:104 Resp: 6174

Ion	Ratio	Lower	Upper
104	100		
78	49.5	23.8	63.8
103	50.7	28.3	68.3



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26859.D
Acq On : 4 Nov 2022 7:04 am
Operator : thomash
Sample : scc(a067),cp11920
Misc : MS63483,V6W1137,,,,,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 06 15:13:07 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

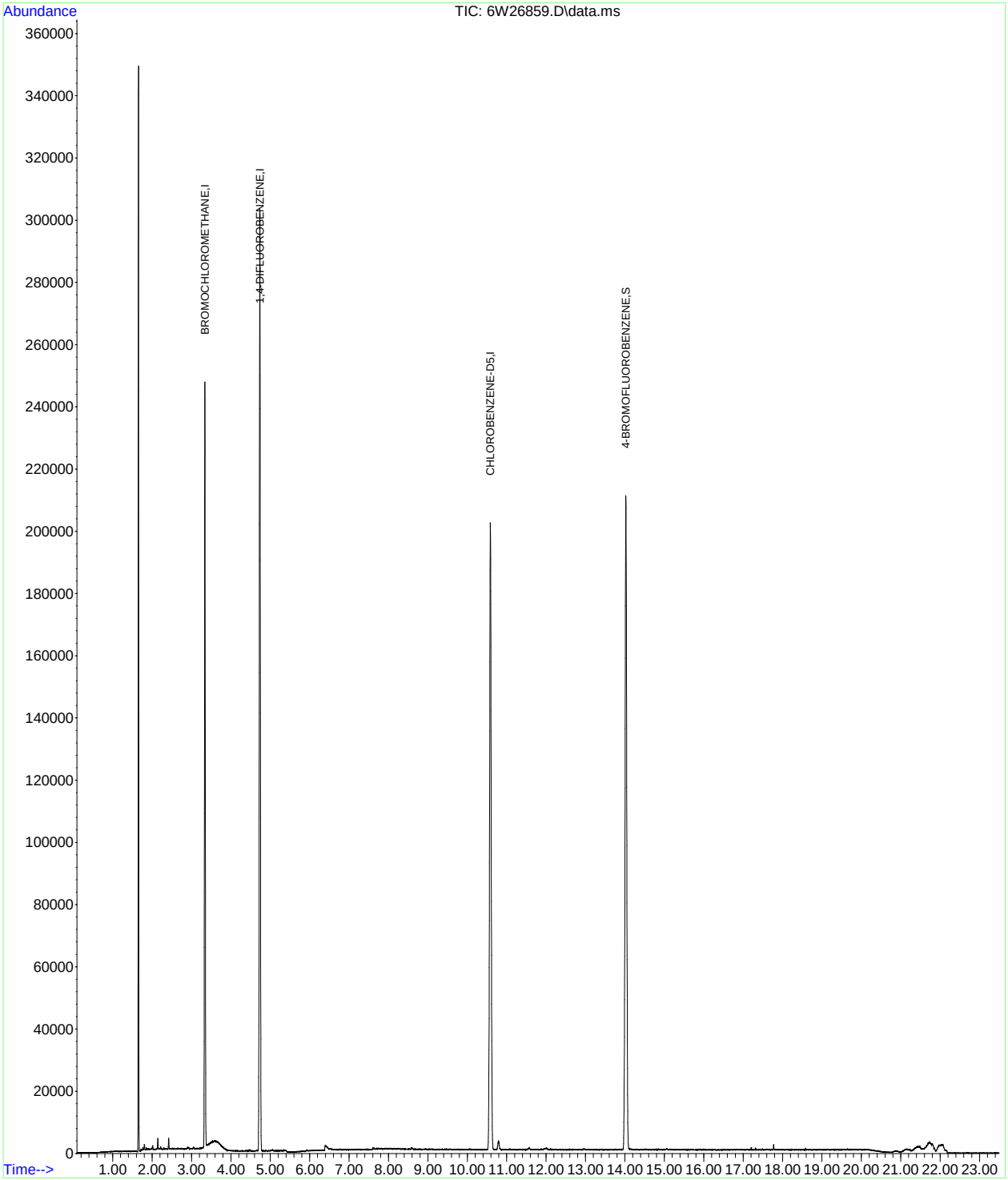
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.341	128	45108	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	227705	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.585	117	180276	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.022	95	123366	9.80	PPBV	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26859.D
Acq On : 4 Nov 2022 7:04 am
Operator : thomash
Sample : scc(a067),cp11920
Misc : MS63483,V6W1137,,,,,1
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 06 15:13:07 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26974.D
Acq On : 8 Nov 2022 1:22 am
Operator : thomash
Sample : scc(a1749),cp11947
Misc : MS63127,V6W1141,,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 08 16:38:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

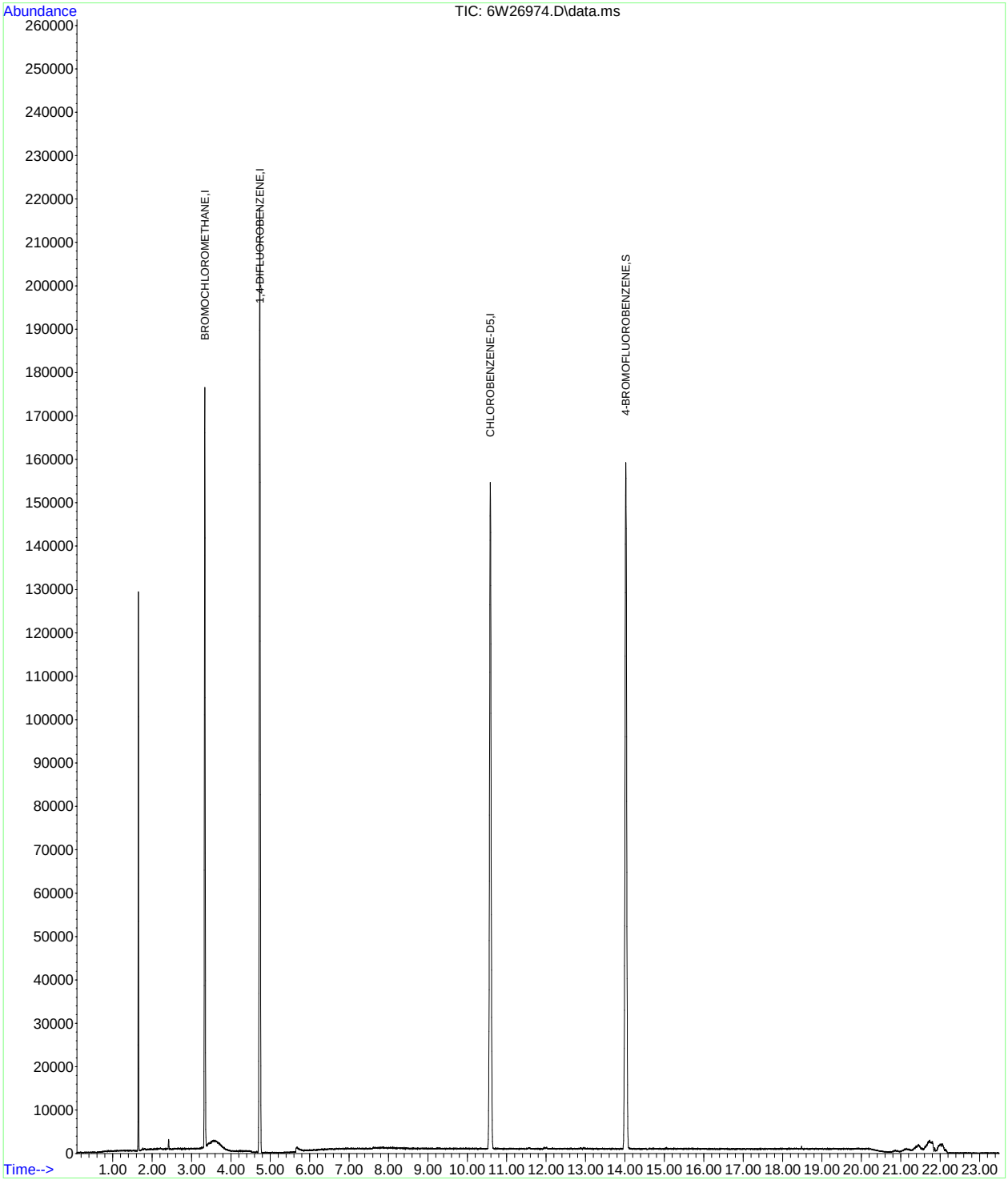
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.338	128	31794	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	163225	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.582	117	134677	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.019	95	92151	9.80	PPBV	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26974.D
Acq On : 8 Nov 2022 1:22 am
Operator : thomash
Sample : scc(a1749),cp11947
Misc : MS63127,V6W1141,,,,,1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 08 16:38:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W27001.D
Acq On : 8 Nov 2022 9:44 pm
Operator : thomash
Sample : scc(a1906),cp11938
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 15 17:06:38 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.338	128	41850	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	191150	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.585	117	160454	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.026	95	118935	10.62	PPBV	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

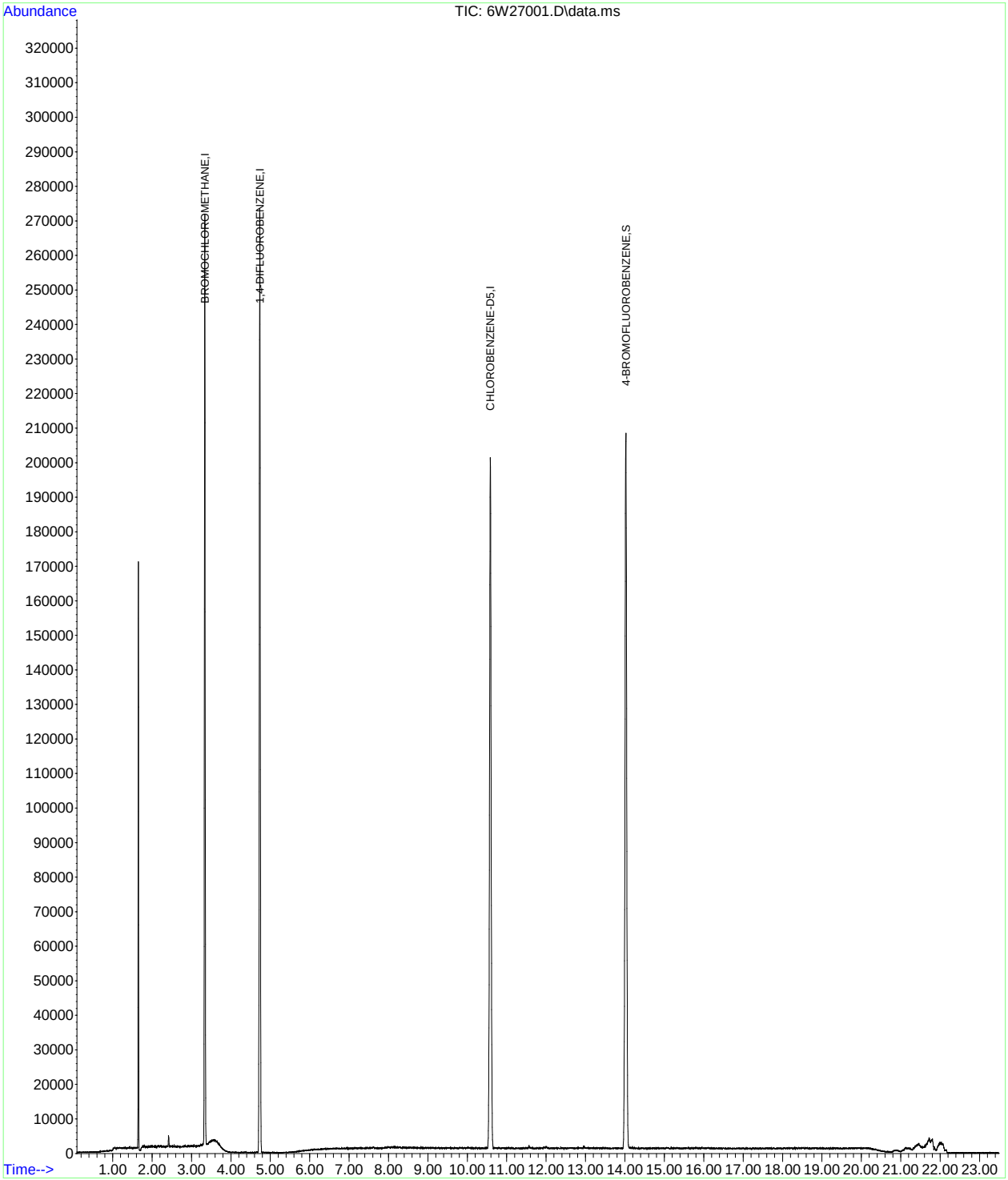
7.5.3

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W27001.D
Acq On : 8 Nov 2022 9:44 pm
Operator : thomash
Sample : scc(a1906),cp11938
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 15 17:06:38 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

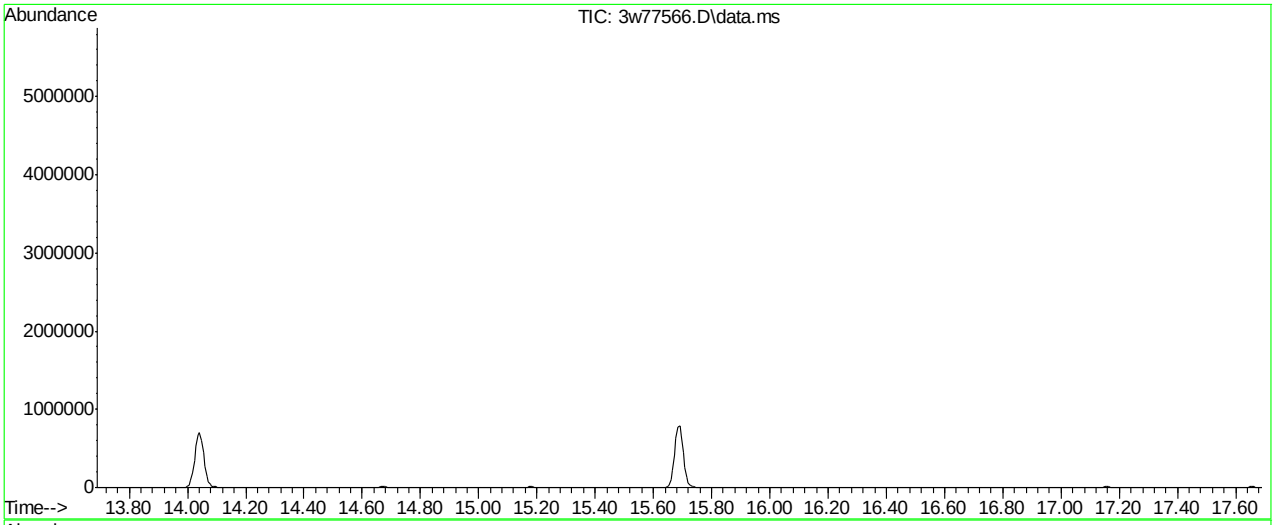


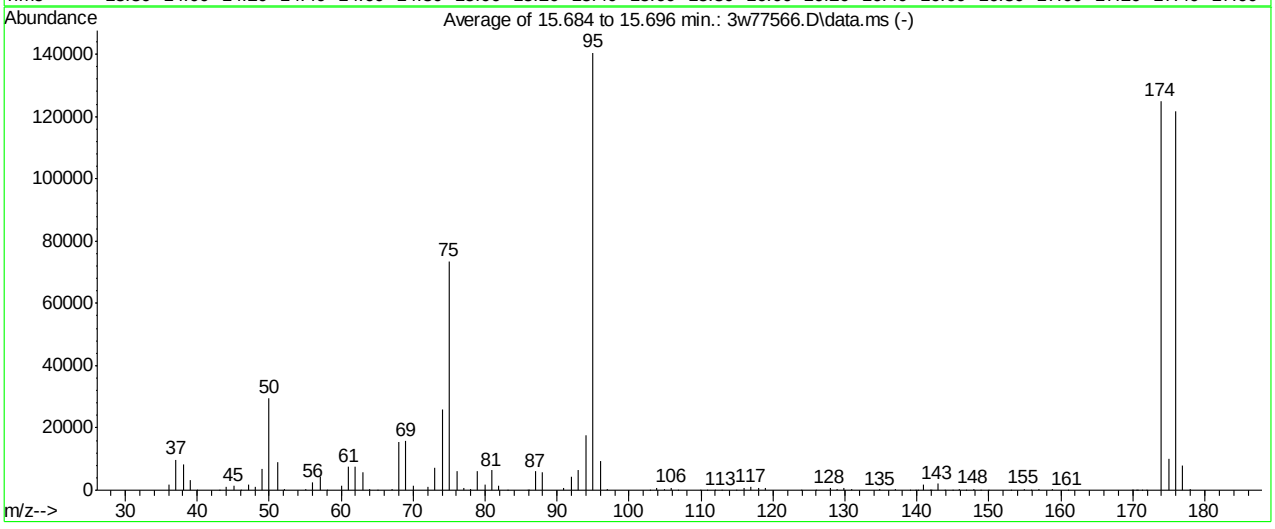
BFB

Data File : C:\msdchem\1\data\3w77566.D
Acq On : 3 Nov 2022 2:37 am
Sample : bfb
Misc : MS61115,V3W3055,,,,,1
MS Integration Params: RTEINT1.P

Vial: 1
Operator: thomash
Inst : GCMS3W
Multiplr: 1.00

Method : C:\msdchem\1\methods\M3W3055.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um





AutoFind: Scans 1973, 1974, 1975; Background Corrected with Scan 1963

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	21.0	29547	PASS
75	95	30	66	52.3	73547	PASS
95	95	100	100	100.0	140547	PASS
96	95	5	9	6.6	9241	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	88.9	124965	PASS
175	174	4	9	8.2	10222	PASS
176	174	93	101	97.5	121805	PASS
177	176	5	9	6.6	8004	PASS

3w77566.D M3W3055.M Sun Nov 06 12:31:07 2022

Average of 15.684 to 15.696 min.: 3w77566.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	1817	49.00	6747	63.00	5599	76.05	6073
37.05	9725	50.00	29547	64.00	535	77.00	731
38.10	8380	51.10	8974	65.05	151	77.95	548
39.10	3178	52.05	383	67.05	441	78.90	6037
40.00	125	55.05	503	68.00	15356	79.95	1755
43.10	90	56.05	2634	69.00	15821	80.90	6369
44.00	1132	57.05	4325	70.05	1292	81.90	1370
45.05	1406	58.05	189	72.00	935	83.05	160
46.10	148	60.00	1517	73.00	7119	85.90	52
47.05	1828	61.00	7492	74.00	25851	86.10	59
48.00	1076	62.00	7421	75.00	73547	87.00	6028

Average of 15.684 to 15.696 min.: 3w77566.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
87.95	5677	105.90	806	123.90	44	140.90	1900
90.90	677	106.85	147	125.90	34	141.80	77
92.00	4475	109.85	90	127.90	647	142.00	170
93.00	6591	110.90	171	128.95	252	142.90	1997
94.00	17486	111.90	154	129.90	592	143.80	64
95.00	140547	112.85	177	130.90	228	144.95	188
96.00	9241	114.95	168	134.90	327	145.85	255
97.00	315	115.95	689	136.95	313	146.85	151
102.85	86	116.95	1078	139.10	38	147.90	388
103.90	773	117.95	740	139.80	40	148.85	77
104.90	244	118.95	890	140.10	80	149.95	146

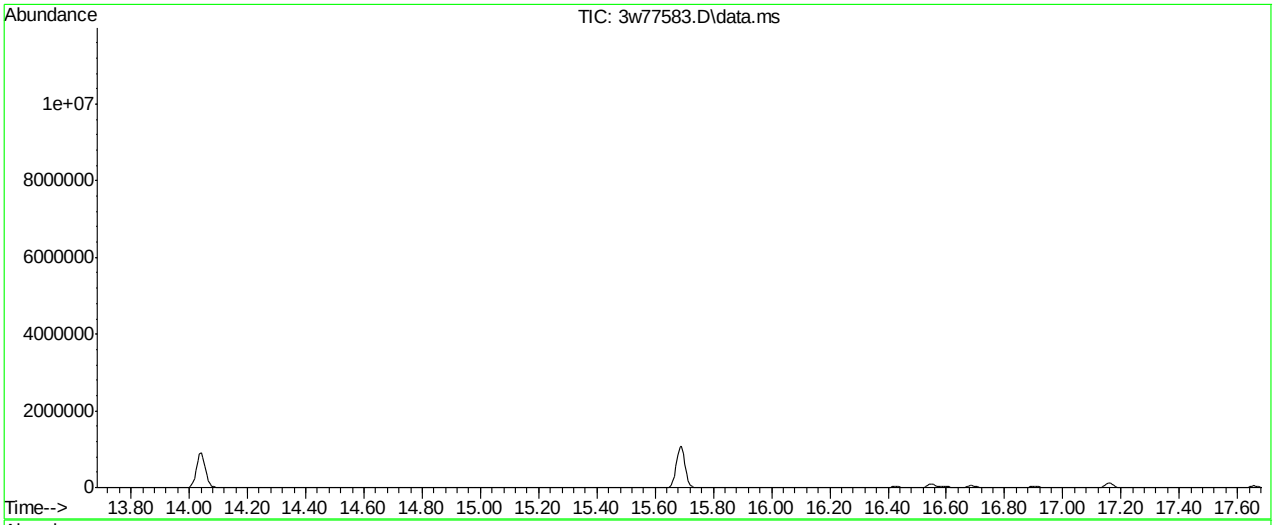
Average of 15.684 to 15.696 min.: 3w77566.D\data.ms
bfb
Modified:subtracted

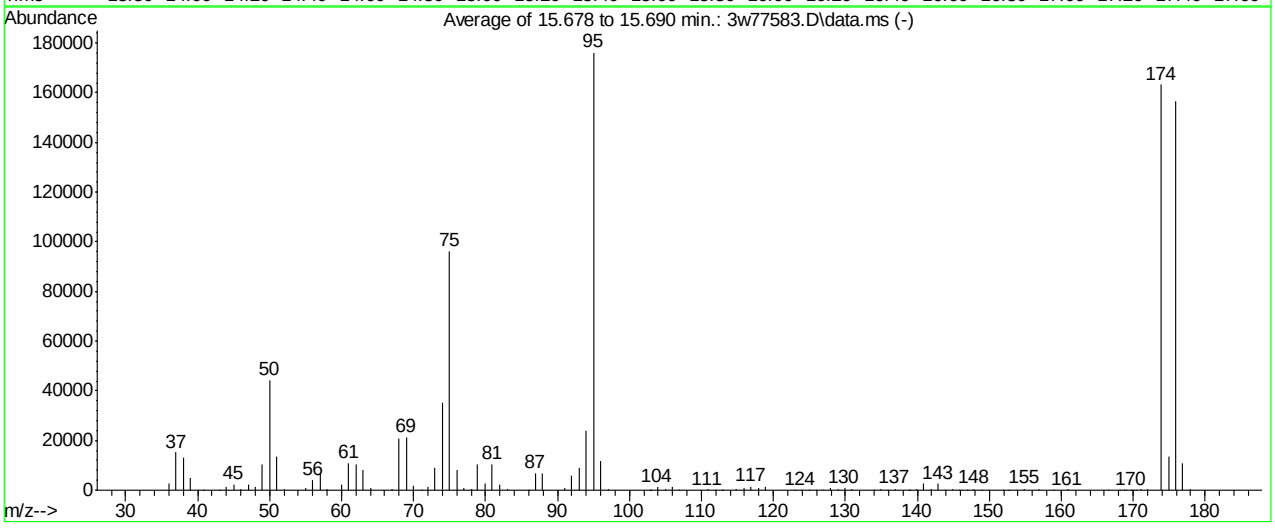
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
153.00	92	171.90	165				
154.90	390	173.90	124965				
155.80	39	175.00	10222				
156.95	276	175.90	121805				
158.85	211	176.90	8004				
160.95	168	177.95	214				
169.80	49						
170.00	35						
170.50	47						
170.70	54						
171.20	79						

BFB

Data File : C:\msdchem\1\data\3w77583.D Vial: 1
Acq On : 6 Nov 2022 3:04 pm Operator: thomash
Sample : bfb Inst : GCMS3W
Misc : MS61115,V3W3055,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\msdchem\1\methods\M3W3055.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um





AutoFind: Scans 1972, 1973, 1974; Background Corrected with Scan 1962

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	25.1	44243	PASS
75	95	30	66	54.7	96336	PASS
95	95	100	100	100.0	176213	PASS
96	95	5	9	6.8	11902	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	92.7	163328	PASS
175	174	4	9	8.3	13564	PASS
176	174	93	101	95.8	156501	PASS
177	176	5	9	7.0	10917	PASS

3w77583.D M3W3055.M Mon Nov 07 18:32:38 2022

Average of 15.678 to 15.690 min.: 3w77583.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	2706	48.00	1581	62.00	10592	75.00	96336
37.00	15186	49.00	10318	63.00	8137	76.00	7950
38.00	12978	50.00	44243	64.00	771	77.00	1063
39.05	5042	51.00	13444	67.05	601	77.90	186
40.00	108	52.00	549	68.00	20795	78.05	469
40.80	35	55.00	710	69.00	21379	78.90	10549
43.00	214	56.00	4227	70.00	1923	79.95	2745
44.00	1587	57.00	6992	71.05	97	80.90	10477
45.00	2412	58.00	292	72.00	1235	81.90	2223
46.05	253	60.00	2073	73.00	9269	83.00	302
47.00	2483	61.00	11060	74.00	35245	86.00	88

Average of 15.678 to 15.690 min.: 3w77583.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
86.95	6989	103.90	1303	116.90	1564	130.95	291
87.95	6967	104.95	443	117.90	823	133.95	80
90.95	1068	105.90	1278	118.90	1205	134.90	439
92.00	6093	106.90	163	122.90	38	135.85	117
93.00	9115	109.85	167	123.85	160	136.95	480
94.00	23995	110.90	264	125.00	51	138.80	63
95.00	176213	111.95	166	125.90	35	139.05	93
96.00	11902	112.80	66	126.85	121	139.95	286
97.05	393	112.95	197	127.90	721	140.90	2543
102.80	43	114.85	264	128.95	331	142.00	261
103.00	40	115.95	906	129.90	825	142.90	2697

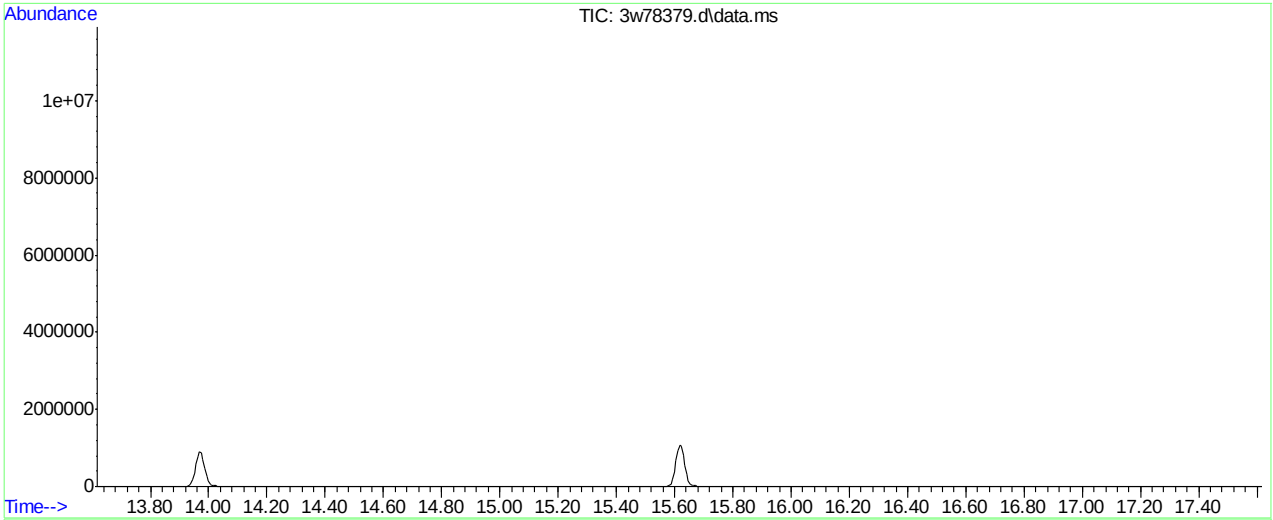
Average of 15.678 to 15.690 min.: 3w77583.D\data.ms
bfb
Modified:subtracted

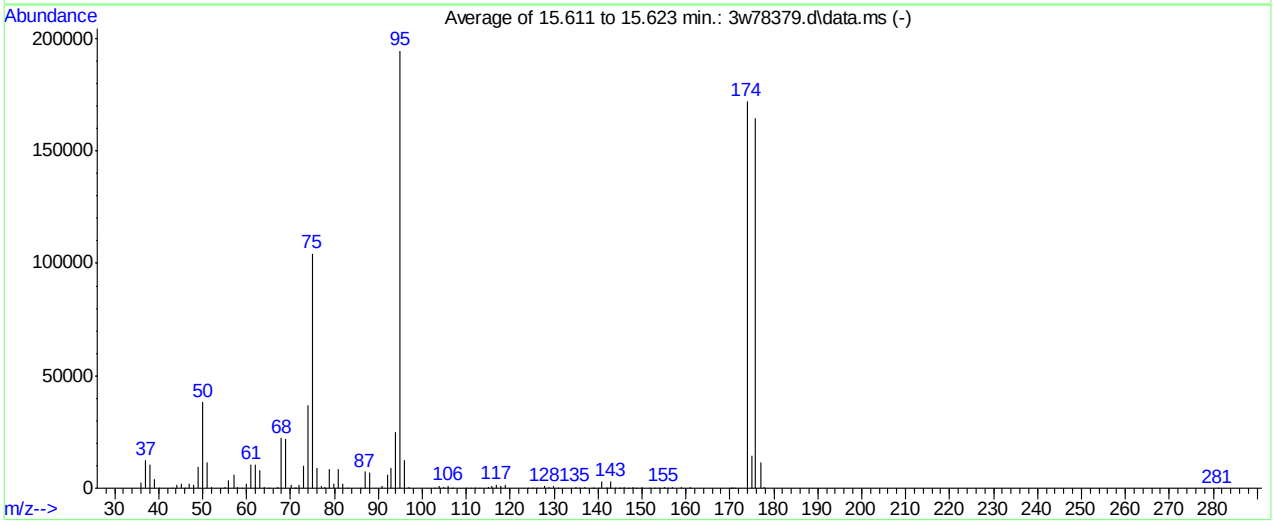
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
143.85	189	154.90	482	170.40	76		
144.95	258	156.90	347	171.05	407		
145.85	216	158.90	194	171.95	559		
146.10	83	160.90	282	173.90	163328		
146.85	133	166.60	39	174.95	13564		
147.90	589	168.15	86	175.90	156501		
148.90	131	168.80	101	176.90	10917		
149.85	217	169.00	55	177.90	278		
151.85	67	169.60	38				
152.75	189	169.80	201				
153.85	212	170.20	71				

BFB

Data File : C:\msdchem\1\DATA\3W\3w78379.d Vial: 1
Acq On : 13 Dec 2022 9:59 am Operator: thomash
Sample : bfb Inst : GCMS-3W
Misc : MS64658,V3W3087,,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\METHODS\m2w2773.M (RTE Integrator)
Title : MA-APH by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um





AutoFind: Scans 1961, 1962, 1963; Background Corrected with Scan 1950

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	19.6	38216	PASS
75	95	30	66	53.6	104341	PASS
95	95	100	100	100.0	194709	PASS
96	95	5	9	6.5	12728	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	88.5	172267	PASS
175	174	4	9	8.3	14296	PASS
176	174	93	101	95.6	164736	PASS
177	176	5	9	6.9	11426	PASS

3w78379.d m2w2773.M Wed Dec 14 10:36:51 2022 GCMS2W

Average of 15.611 to 15.623 min.: 3w78379.d\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	2479	49.00	9376	62.05	10637	73.00	10038
37.10	12600	50.05	38216	63.05	7961	74.00	36848
38.10	10649	51.10	11534	64.05	755	75.00	104341
39.10	3826	52.05	561	64.95	79	76.00	9229
39.95	97	55.05	646	67.05	451	76.95	1042
43.05	155	56.00	3447	68.00	22237	77.95	761
44.05	1564	57.05	6112	69.00	22120	78.90	8454
45.05	1880	57.95	329	70.05	1743	79.95	2255
46.05	199	58.90	36	70.95	93	80.90	8539
47.05	2237	60.00	2129	71.15	71	81.90	1806
48.00	1476	61.00	10562	72.05	1265	82.95	178

Average of 15.611 to 15.623 min.: 3w78379.d\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
86.00	116	103.95	1177	117.90	1052	135.85	140
87.00	7435	104.85	311	118.90	1341	136.95	567
88.00	7242	105.95	1190	123.95	168	138.75	107
90.95	917	106.85	197	124.95	75	139.00	43
92.00	6138	109.90	164	125.95	97	140.00	79
93.00	9187	110.95	268	127.90	881	140.90	2943
94.00	24880	111.95	200	128.90	427	141.90	258
95.00	194709	112.95	224	129.90	818	142.10	166
96.00	12728	114.95	277	130.80	83	142.90	3142
97.05	404	115.95	968	130.95	211	143.85	220
102.95	169	116.95	1569	134.90	510	144.80	115

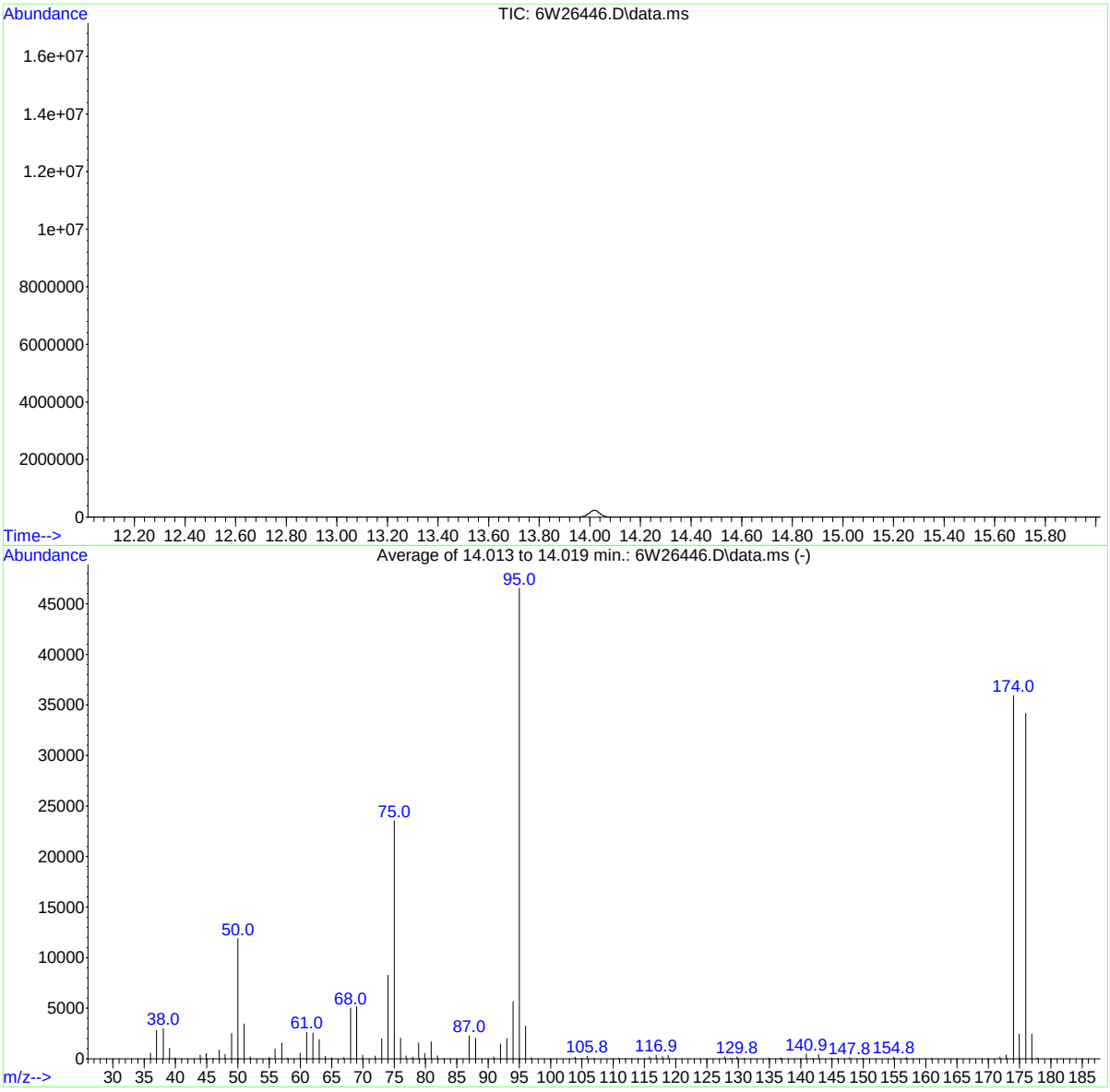
Average of 15.611 to 15.623 min.: 3w78379.d\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
145.00	214	156.95	400	177.95	348		
145.85	390	158.95	300	281.10	41		
146.90	178	160.95	334				
147.90	582	170.10	91				
148.85	134	170.50	110				
149.95	275	170.70	72				
151.90	54	171.20	81				
152.90	152	173.90	172267				
153.85	146	175.00	14296				
155.00	513	175.90	164736				
155.80	38	176.95	11426				

BFB

Data File : C:\msdchem\1\data\6W26446.D Vial: 5
Acq On : 19 Oct 2022 5:44 pm Operator: thomash
Sample : bfb Inst : GCMS6W
Misc : MS63121,V6W1125,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M6W1125.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um



AutoFind: Scans 4331, 4332, 4333; Background Corrected with Scan 4304

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	25.6	11894	PASS
75	95	30	66	50.6	23544	PASS
95	95	100	100	100.0	46541	PASS
96	95	5	9	7.0	3244	PASS
173	174	0.00	2	1.0	352	PASS
174	95	50	120	77.2	35928	PASS
175	174	4	9	6.8	2432	PASS
176	174	93	101	95.1	34165	PASS
177	176	5	9	7.1	2442	PASS

6W26446.D M6W1125.M Thu Oct 20 09:35:17 2022

Average of 14.013 to 14.019 min.: 6W26446.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	546	50.00	11894	63.95	247	76.90	286
37.00	2807	51.00	3433	65.00	125	77.95	172
38.05	3001	51.95	185	66.95	113	78.90	1543
39.05	1041	55.00	126	68.00	5020	79.85	527
39.95	91	55.95	965	69.00	5150	80.90	1687
43.95	372	57.00	1557	69.95	355	81.90	284
44.95	508	57.95	74	71.95	267	82.90	17
46.05	53	59.95	539	73.00	1986	86.95	2250
47.00	861	61.00	2622	74.00	8253	88.00	2020
47.95	437	62.00	2554	75.00	23544	90.90	189
49.00	2485	63.00	1902	76.00	2043	92.00	1449

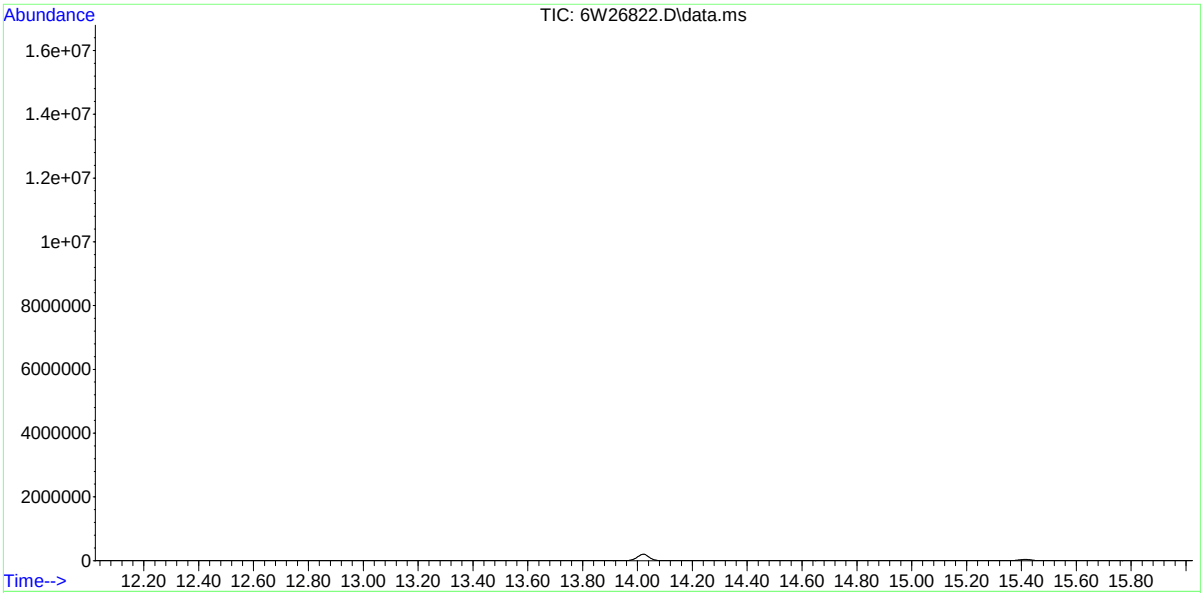
Average of 14.013 to 14.019 min.: 6W26446.D\data.ms
bfb
Modified:subtracted

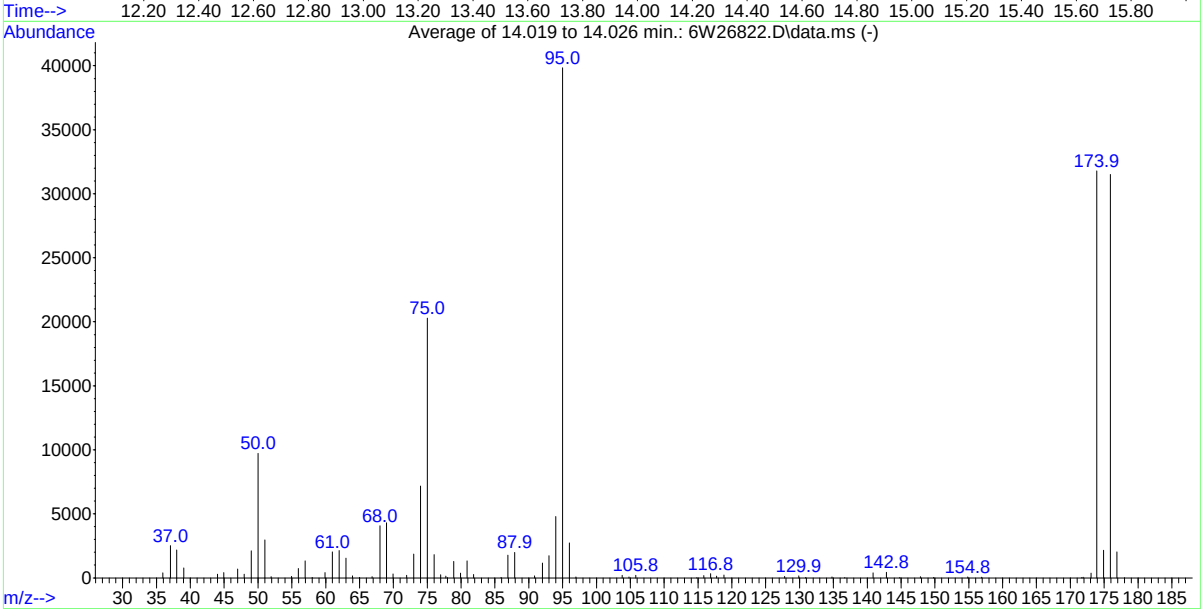
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
93.00	2011	113.00	23	136.85	76	160.90	35
94.00	5659	115.80	178	140.90	450	171.85	167
95.00	46541	116.90	333	141.90	18	172.85	352
96.00	3244	117.90	205	142.85	442	174.00	35928
96.90	83	118.80	305	144.95	79	174.95	2432
103.90	155	127.85	190	145.90	28	176.00	34165
104.95	39	128.80	72	147.80	114	176.95	2442
105.85	229	129.80	191	149.80	50	177.85	82
106.90	48	130.95	40	154.85	129		
110.85	70	134.85	74	156.70	18		
111.95	40	136.70	24	156.90	103		

BFB

Data File : C:\msdchem\1\data\6W26822.D Vial: 1
Acq On : 3 Nov 2022 9:04 am Operator: thomash
Sample : bfb Inst : GCMS6W
Misc : MS63437,V6W1137,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M6W1125.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um





AutoFind: Scans 4333, 4334, 4335; Background Corrected with Scan 4306

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	24.4	9728	PASS
75	95	30	66	50.9	20293	PASS
95	95	100	100	100.0	39835	PASS
96	95	5	9	6.9	2732	PASS
173	174	0.00	2	1.2	369	PASS
174	95	50	120	79.8	31795	PASS
175	174	4	9	6.8	2169	PASS
176	174	93	101	99.1	31512	PASS
177	176	5	9	6.4	2021	PASS

6W26822.D M6W1125.M Fri Nov 04 15:11:13 2022

Average of 14.019 to 14.026 min.: 6W26822.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	402	51.95	102	66.85	100	78.00	21
37.05	2516	54.95	117	68.00	4069	78.90	1283
38.00	2189	55.95	728	69.00	4312	79.90	372
39.05	776	56.95	1330	69.95	304	80.90	1329
44.00	284	58.00	31	71.95	198	81.85	260
44.95	415	59.90	409	73.00	1855	85.90	25
47.00	699	61.00	2035	74.00	7176	86.90	1785
47.95	289	62.00	2130	75.00	20293	87.90	1985
49.00	2107	63.00	1545	76.00	1820	90.85	159
50.00	9728	63.95	151	77.00	246	92.00	1156
51.00	2975	65.00	22	77.75	130	93.00	1742

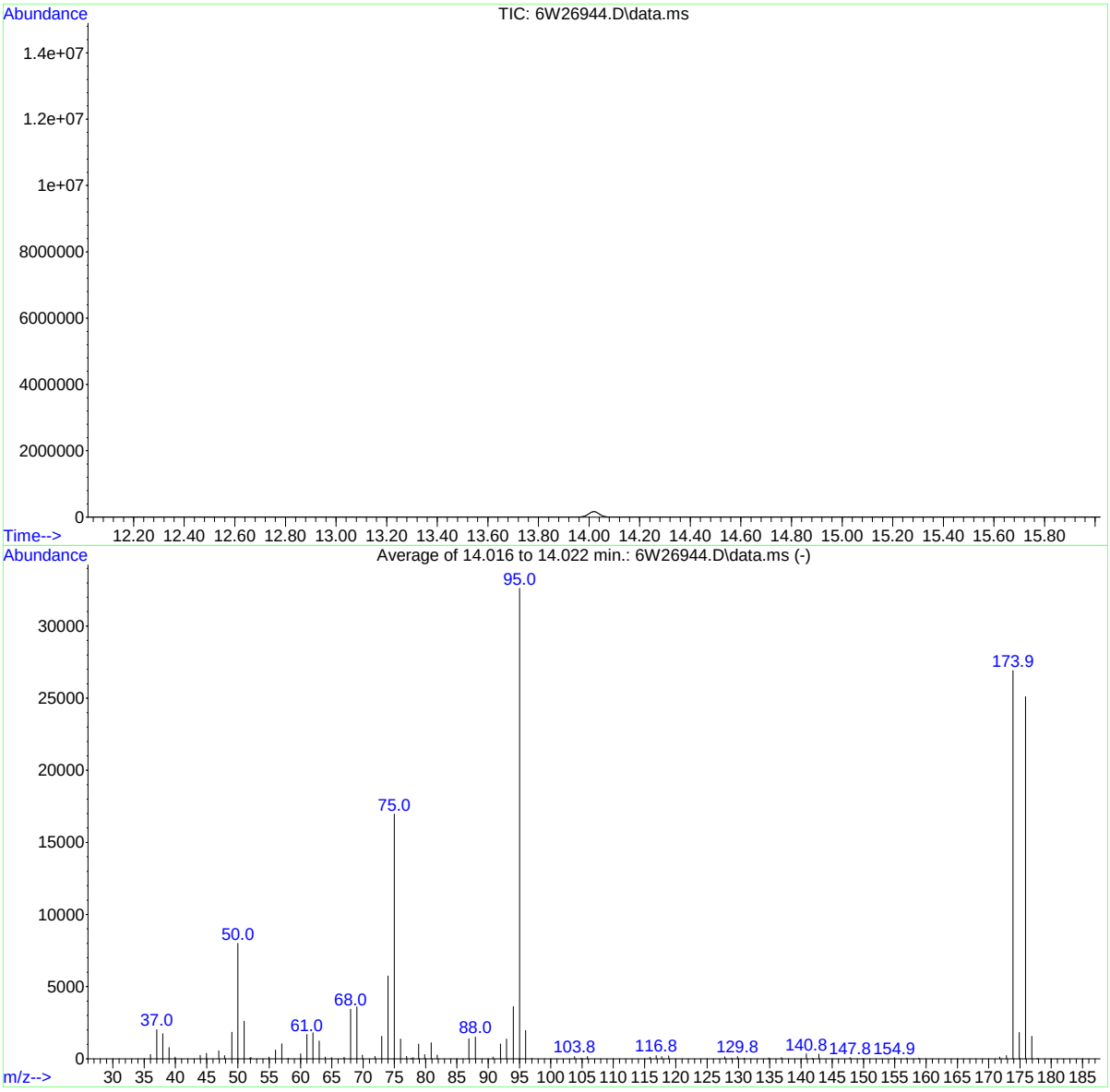
Average of 14.019 to 14.026 min.: 6W26822.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.00	4789	118.85	229	154.85	71		
95.00	39835	127.80	124	156.90	51		
96.00	2732	129.90	169	171.70	33		
96.95	82	130.90	35	171.90	60		
103.80	192	134.80	76	173.05	369		
104.80	69	136.70	37	173.90	31795		
105.80	204	140.85	403	174.90	2169		
114.80	18	142.85	443	175.90	31512		
115.85	182	144.80	26	176.90	2021		
116.85	327	147.85	99	178.00	17		
117.75	147	149.80	23				

BFB

Data File : C:\msdchem\1\data\6W26944.D Vial: 1
Acq On : 7 Nov 2022 7:38 am Operator: thomash
Sample : bfb Inst : GCMS6W
Misc : MS63516,V6W1141,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M6W1125.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um



AutoFind: Scans 4332, 4333, 4334; Background Corrected with Scan 4306

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	24.5	7992	PASS
75	95	30	66	52.0	16955	PASS
95	95	100	100	100.0	32624	PASS
96	95	5	9	6.0	1954	PASS
173	174	0.00	2	0.8	210	PASS
174	95	50	120	82.5	26923	PASS
175	174	4	9	6.8	1824	PASS
176	174	93	101	93.3	25112	PASS
177	176	5	9	6.2	1556	PASS

6W26944.D M6W1125.M Mon Nov 07 13:13:09 2022

Average of 14.016 to 14.022 min.: 6W26944.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	294	51.00	2594	63.95	117	76.95	164
37.00	2006	51.90	45	64.95	81	77.70	49
38.00	1729	52.05	89	66.95	93	78.00	75
39.00	773	54.95	117	68.00	3445	78.90	1025
39.95	111	56.00	607	69.00	3589	79.85	291
43.95	228	57.00	1032	69.90	261	80.90	1109
44.95	374	58.00	18	71.90	167	81.85	247
46.95	545	60.00	341	73.00	1554	86.90	1389
47.85	218	61.00	1681	74.00	5735	87.95	1507
49.00	1833	62.00	1795	75.00	16955	90.75	116
50.00	7992	63.00	1221	76.00	1364	91.95	1015

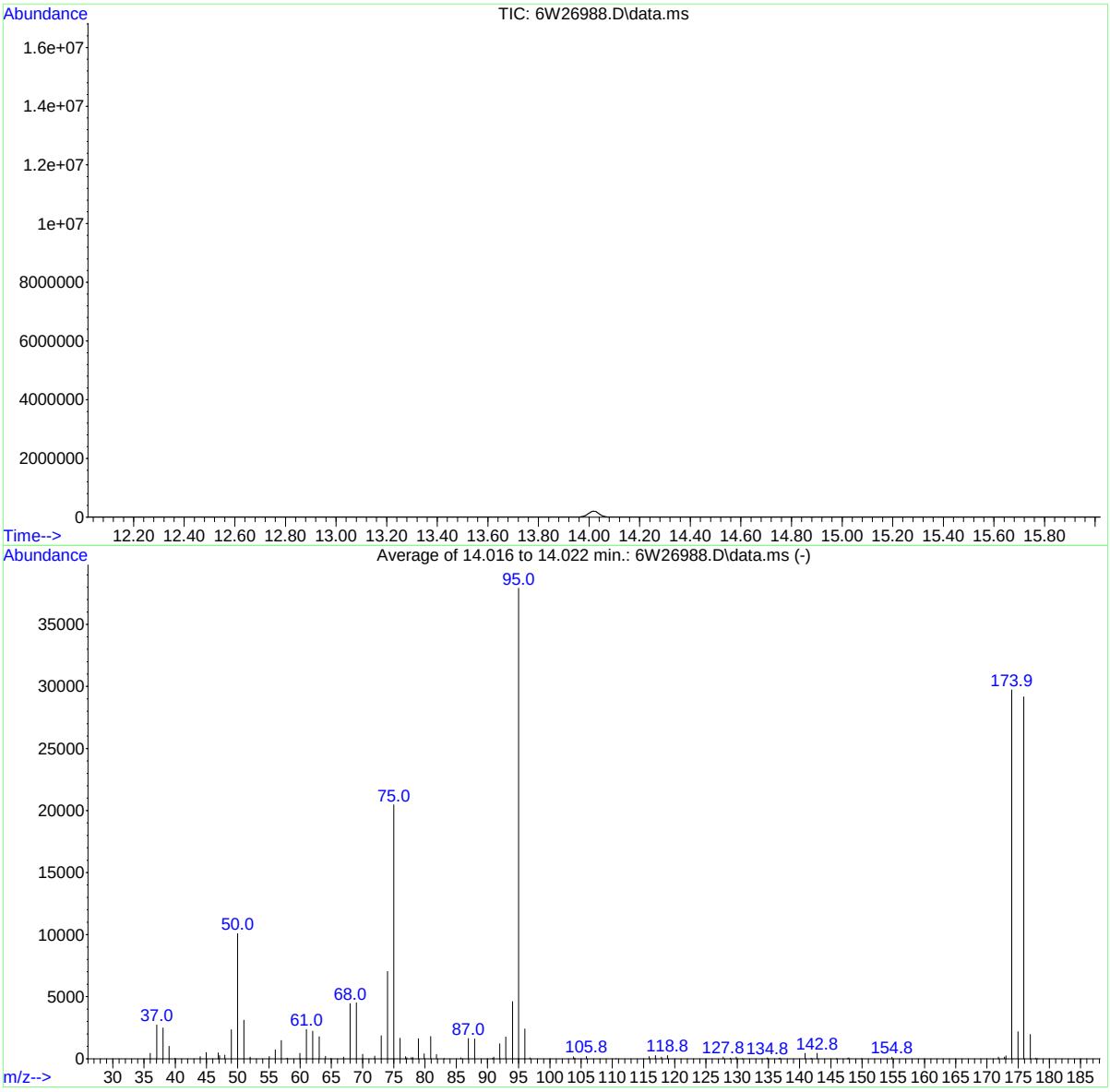
Average of 14.016 to 14.022 min.: 6W26944.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
92.95	1367	118.85	204	149.90	17		
94.00	3607	127.80	130	154.95	76		
95.00	32624	128.90	40	156.90	46		
96.00	1954	129.85	141	158.85	37		
97.00	25	130.90	37	171.75	119		
103.80	149	134.85	56	172.85	210		
104.85	43	136.90	81	173.90	26923		
105.85	145	140.85	347	174.90	1824		
115.85	118	141.80	21	175.90	25112		
116.85	224	142.85	318	176.90	1556		
117.75	141	147.85	78	177.80	18		

BFB

Data File : C:\msdchem\1\data\6W26988.D Vial: 3
Acq On : 8 Nov 2022 11:50 am Operator: thomash
Sample : bfb Inst : GCMS6W
Misc : MS63127,V6W1142,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\msdchem\1\methods\M6W1125.M (RTE Integrator)
Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um



AutoFind: Scans 4332, 4333, 4334; Background Corrected with Scan 4304

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	26.6	10078	PASS
75	95	30	66	54.0	20464	PASS
95	95	100	100	100.0	37915	PASS
96	95	5	9	6.3	2397	PASS
173	174	0.00	2	0.8	238	PASS
174	95	50	120	78.4	29728	PASS
175	174	4	9	7.3	2169	PASS
176	174	93	101	98.1	29152	PASS
177	176	5	9	6.7	1948	PASS

6W26988.D M6W1125.M Tue Nov 15 16:16:25 2022

Average of 14.016 to 14.022 min.: 6W26988.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	442	50.00	10078	64.05	192	76.90	168
37.05	2724	51.00	3098	64.90	18	77.10	74
38.05	2477	52.00	142	66.95	142	77.80	86
39.00	994	55.05	168	68.00	4448	78.05	101
39.95	31	56.00	723	69.00	4506	78.95	1615
44.00	182	57.00	1464	70.00	349	79.85	387
44.95	500	57.90	46	71.95	223	80.90	1789
46.90	466	59.95	440	73.00	1861	81.85	339
47.10	244	61.00	2353	74.00	7037	83.10	17
47.95	300	62.00	2208	75.00	20464	85.75	64
49.00	2332	63.05	1767	76.00	1644	86.95	1637

Average of 14.016 to 14.022 min.: 6W26988.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
87.95	1580	105.85	164	136.70	25	172.80	128
90.80	37	110.60	18	136.85	52	173.05	238
91.00	138	115.90	182	140.85	429	173.95	29728
91.95	1203	116.90	248	141.85	47	174.95	2169
92.95	1744	117.85	132	142.80	438	175.90	29152
94.00	4608	118.85	254	145.90	18	176.95	1948
95.00	37915	127.75	138	147.70	33	177.80	55
96.00	2397	128.90	55	147.85	62	178.10	19
96.80	70	129.85	127	149.90	19		
103.80	152	130.80	17	154.80	116		
104.00	50	134.85	78	171.85	138		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77567.D
Acq On : 3 Nov 2022 3:16 am
Operator : thomash
Sample : ic3055-0.04
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 11:43:24 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:40:27 2022
Response via : Initial Calibration

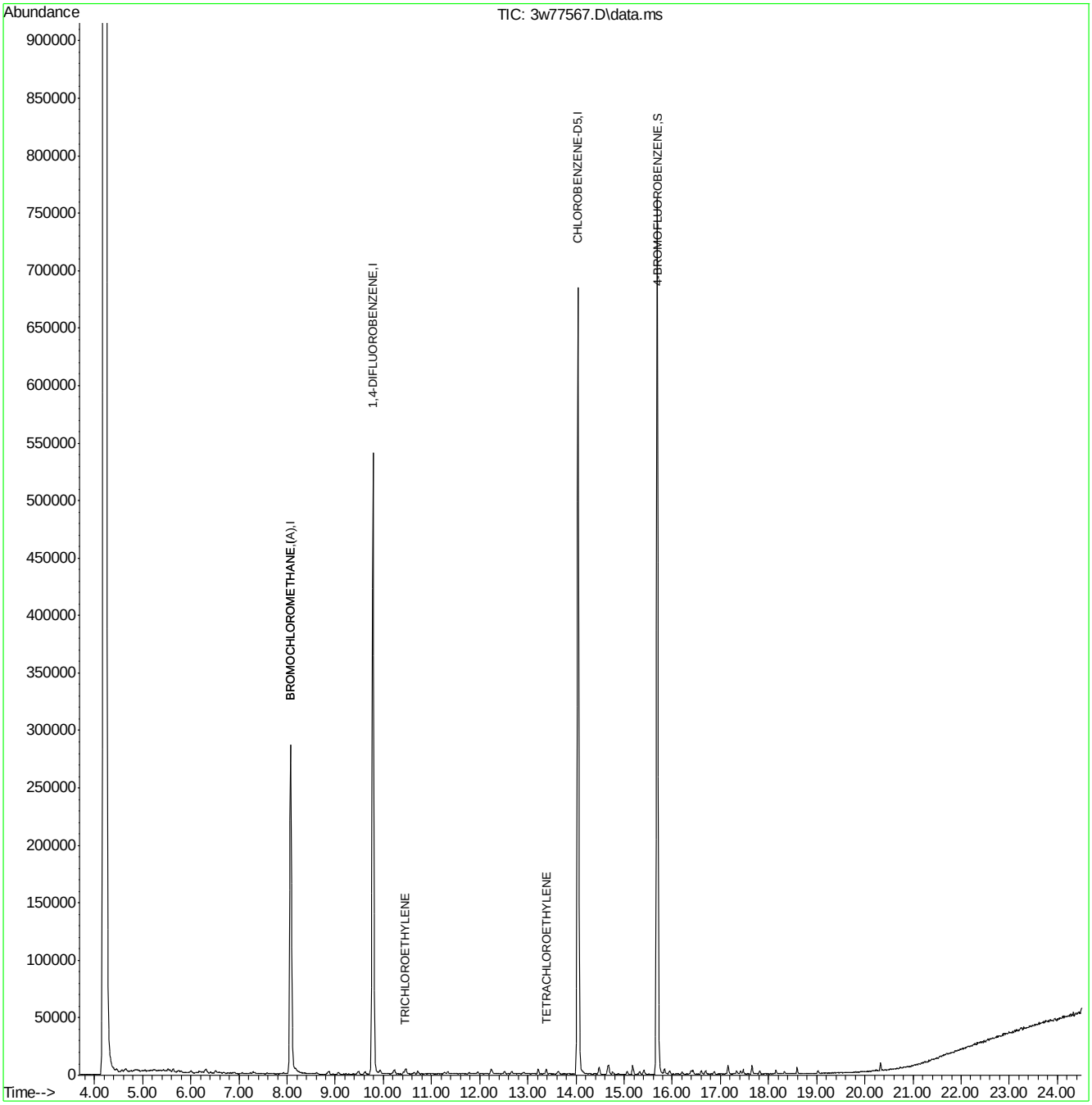
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	8.073	128	103899	10.00	PPBV	0.00
51) 1,4-DIFLUOROBENZENE	9.783	114	519946	10.00	PPBV	0.00
70) CHLOROBENZENE-D5	14.041	82	259722	10.00	PPBV	0.00
109) BROMOCHLOROMETHANE (A)	8.073	128	103899	10.00	PPBV	0.00
System Monitoring Compounds						
85) 4-BROMOFLUOROBENZENE	15.690	95	308435	10.17	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 101.70%			
Target Compounds						Qvalue
55) TRICHLOROETHYLENE	10.452	95	913	0.04	PPBV	95
73) TETRACHLOROETHYLENE	13.378	164	1233	0.05	PPBV	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77567.D
Acq On : 3 Nov 2022 3:16 am
Operator : thomash
Sample : ic3055-0.04
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 11:43:24 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:40:27 2022
Response via : Initial Calibration



M3W3055.M Mon Nov 07 18:43:19 2022 Page: 2

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 15:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77568.D
Acq On : 3 Nov 2022 3:54 am
Operator : thomash
Sample : ic3055-0.1
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 15:00:02 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:39:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.073	128	104498	10.00	PPBV		0.00
51) 1,4-DIFLUOROBENZENE	9.783	114	526227	10.00	PPBV		0.00
70) CHLOROBENZENE-D5	14.041	82	262909	10.00	PPBV		0.00
109) BROMOCHLOROMETHANE (A)	8.073	128	104498	10.00	PPBV		0.00
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.690	95	319663	10.42	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 104.20%				
Target Compounds							Qvalue
3) FREON 152A	4.344	65	982m	0.06	PPBV		
4) CHLORODIFLUOROMETHANE	4.369	67	388	0.08	PPBV	#	41
5) CHLOROTRIFLUOROETHENE	4.399	116	2099	0.10	PPBV	#	90
6) DICHLORODIFLUOROMETHANE	4.454	85	4502	0.09	PPBV		98
7) PROPYLENE	4.405	41	1530	0.10	PPBV		98
8) 1-CHLORO-1,1-DIFLUOROE...	4.557	65	3717	0.10	PPBV	#	71
9) FREON 114	4.648	85	4234	0.10	PPBV		97
10) CHLOROMETHANE	4.588	52	336	0.08	PPBV	#	15
11) VINYL CHLORIDE	4.740	62	1603	0.11	PPBV	#	90
12) 1,3-BUTADIENE	4.831	54	1205	0.11	PPBV	#	41
13) n-BUTANE	4.880	43	3218	0.12	PPBV	#	77
14) BROMOMETHANE	5.044	94	1850	0.13	PPBV	#	77
15) CHLOROETHANE	5.178	64	577	0.09	PPBV	#	47
16) DICHLOROFLUOROMETHANE	5.226	67	3469	0.11	PPBV		96
17) ACETONITRILE	5.433	41	1986	0.13	PPBV	#	77
18) ACROLEIN	5.512	56	350	0.06	PPBV		94
19) FREON 123	5.524	83	3523	0.10	PPBV		94
20) FREON 123A	5.567	117	1983	0.10	PPBV		96
21) TRICHLOROFLUOROMETHANE	5.737	101	4490	0.10	PPBV		96
22) ISOPROPYL ALCOHOL	5.792	45	3628	0.11	PPBV		85
23) ACETONE	5.634	58	1098	0.14	PPBV	#	90
24) PENTANE	6.005	42	1945	0.10	PPBV		97
25) IODOMETHANE	6.181	142	4057	0.10	PPBV		93
26) 1,1-DICHLOROETHYLENE	6.236	96	1507	0.10	PPBV		96
27) CARBON DISULFIDE	6.589	76	4598	0.10	PPBV	#	90
28) ETHANOL	5.251	45	1493	0.20	PPBV		73
29) BROMOETHENE	5.427	106	1302	0.10	PPBV		98
30) ACRYLONITRILE	5.962	52	648	0.07	PPBV	#	63
31) METHYLENE CHLORIDE	6.321	84	2725	0.18	PPBV		97
32) 3-CHLOROPROPENE	6.413	76	615	0.08	PPBV	#	65
33) FREON 113	6.510	151	2643	0.10	PPBV		93
34) TRANS-1,2-DICHLOROETHY...	7.070	96	1433	0.09	PPBV		97
35) TERTIARY BUTYL ALCOHOL	6.261	59	3517	0.10	PPBV		96
36) METHYL TERTIARY BUTYL ...	7.283	73	4907	0.11	PPBV		98
37) TETRAHYDROFURAN	8.603	72	709	0.10	PPBV	#	88
38) HEXANE	8.092	57	2330	0.09	PPBV		91
39) VINYL ACETATE	7.325	86	256	0.08	PPBV	#	1
40) 1,1-DICHLOROETHANE	7.234	63	2960	0.10	PPBV		95
41) METHYL ETHYL KETONE	7.581	72	669	0.09	PPBV	#	86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77568.D
Acq On : 3 Nov 2022 3:54 am
Operator : thomash
Sample : ic3055-0.1
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 15:00:02 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:39:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) cis-1,2-DICHLOROETHYLENE	7.921	96	1529	0.10	PPBV		94
43) DIISOPROPYL ETHER	8.086	59	667	0.09	PPBV	#	80
44) ETHYL ACETATE	8.110	61	474	0.09	PPBV	#	71
45) METHYL ACRYLATE	8.110	55	2625	0.09	PPBV	#	93
46) CHLOROFORM	8.177	83	3567	0.10	PPBV		90
47) 2,4-DIMETHYLPENTANE	8.864	57	2802	0.10	PPBV		97
48) 1,1,1-TRICHLOROETHANE	9.065	97	3699	0.10	PPBV		98
49) CARBON TETRACHLORIDE	9.619	117	3899	0.10	PPBV		99
50) 1,2-DICHLOROETHANE	8.840	62	2274	0.09	PPBV	#	92
52) BENZENE	9.479	78	5239	0.11	PPBV		98
53) CYCLOHEXANE	9.728	84	2887	0.13	PPBV	#	41
54) 2,3-DIMETHYLPENTANE	9.923	71	1050	0.10	PPBV	#	93
55) TRICHLOROETHYLENE	10.458	95	2361	0.10	PPBV		95
56) 1,2-DICHLOROPROPANE	10.239	63	1979	0.10	PPBV		94
57) DIBROMOMETHANE	10.209	174	2195	0.10	PPBV		96
58) ETHYL ACRYLATE	10.221	55	3147	0.08	PPBV	#	94
59) BROMODICHLOROMETHANE	10.416	83	3783	0.09	PPBV		99
60) 2,2,4-TRIMETHYLPENTANE	10.470	57	7612	0.10	PPBV		100
61) 1,4-DIOXANE	10.513	88	940	0.09	PPBV	#	1
62) HEPTANE	10.708	43	3389	0.10	PPBV		92
63) METHYL METHACRYLATE	10.635	69	1526	0.09	PPBV		95
64) METHYL ISOBUTYL KETONE	11.322	58	1154	0.08	PPBV	#	87
65) cis-1,3-DICHLOROPROPENE	11.273	75	2745	0.09	PPBV	#	78
66) TOLUENE	12.228	92	3808	0.11	PPBV		99
67) 1,3-DICHLOROPROPANE	12.259	76	2865	0.09	PPBV		95
68) trans-1,3-DICHLOROPROPENE	11.784	75	2252	0.08	PPBV		98
69) 1,1,2-TRICHLOROETHANE	11.961	83	1889	0.10	PPBV		97
71) 2-HEXANONE	12.514	58	1286	0.08	PPBV	#	83
72) ETHYL METHACRYLATE	12.502	69	2334	0.09	PPBV	#	96
73) TETRACHLOROETHYLENE	13.378	164	2674	0.11	PPBV		95
74) DIBROMOCHLOROMETHANE	12.666	129	3805	0.11	PPBV		94
75) 1,2-DIBROMOETHANE	12.916	107	2924	0.10	PPBV	#	98
76) OCTANE	13.214	43	4626	0.11	PPBV		97
77) 1,1,1,2-TETRACHLOROETHANE	14.072	131	2657	0.10	PPBV		97
78) CHLOROBENZENE	14.090	112	4735	0.11	PPBV	#	47
79) ETHYLBENZENE	14.479	91	10170	0.13	PPBV		97
80) m,p-XYLENE	14.668	106	7330	0.25	PPBV		93
81) o-XYLENE	15.179	106	3402	0.12	PPBV		95
82) STYRENE	15.063	104	3830	0.10	PPBV		97
83) NONANE	15.410	43	4196	0.10	PPBV	#	96
84) BROMOFORM	14.765	173	3208	0.09	PPBV	#	94
86) 1,1,2,2-TETRACHLOROETHANE	15.173	83	4620	0.11	PPBV		94
87) 1,2,3-TRICHLOROPROPANE	15.325	75	3536	0.11	PPBV		92
88) ISOPROPYLBENZENE	15.836	105	8663	0.11	PPBV		99
89) BROMOBENZENE	15.946	77	3869	0.10	PPBV		100
90) 2-CHLOROTOLUENE	16.396	126	2145	0.10	PPBV		90
91) n-PROPYLBENZENE	16.432	120	1975	0.09	PPBV		99
92) 4-ETHYLTOLUENE	16.603	105	6991m	0.09	PPBV		
93) 1,3,5-TRIMETHYLBENZENE	16.688	105	6017	0.09	PPBV		99
94) ALPHA-METHYLSTYRENE	16.870	118	2470	0.08	PPBV		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77568.D
Acq On : 3 Nov 2022 3:54 am
Operator : thomash
Sample : ic3055-0.1
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 15:00:02 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:39:47 2022
Response via : Initial Calibration

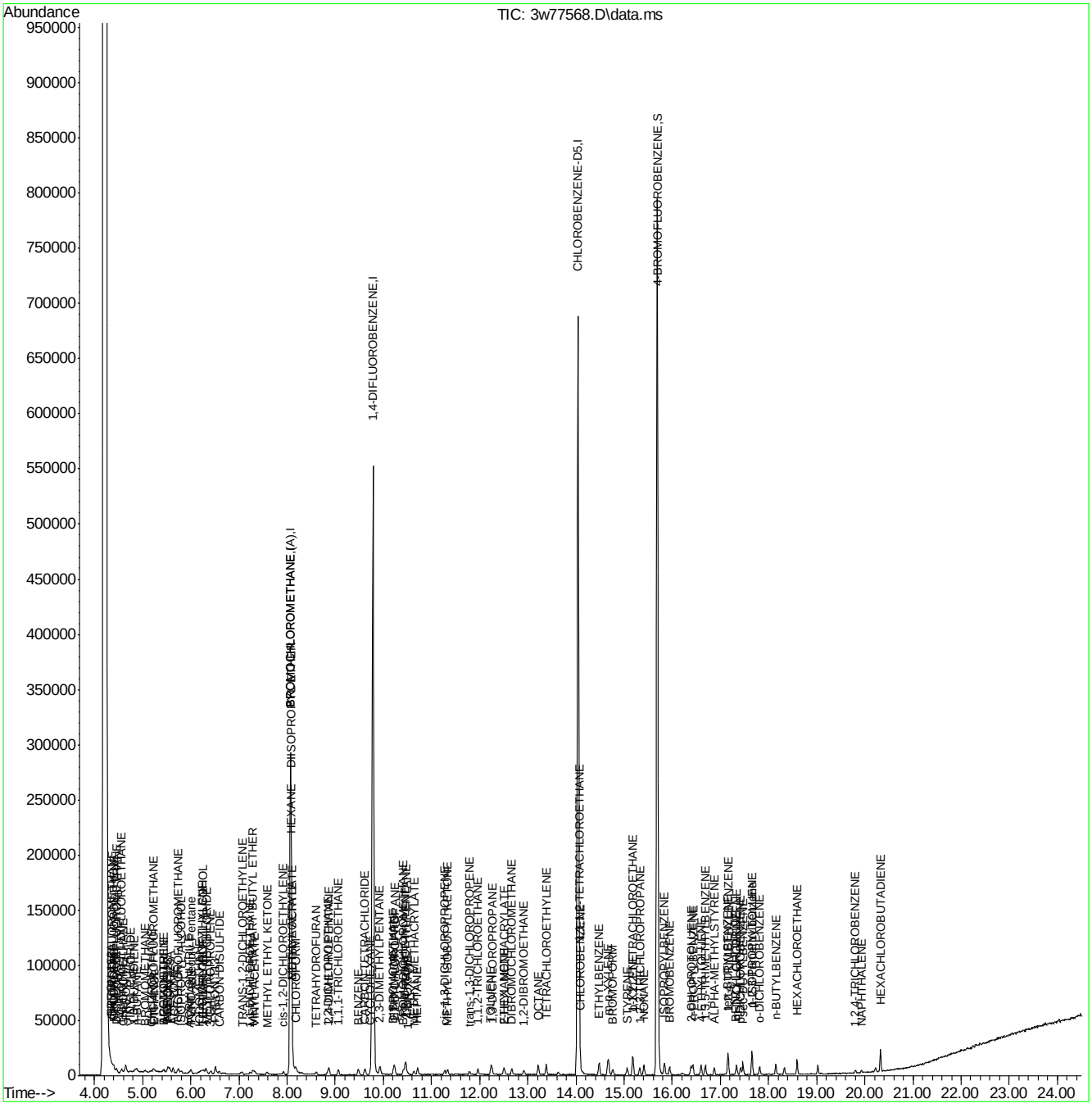
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
95) tert-BUTYLBENZENE	17.150	134	1404	0.09	PPBV	#	91
96) 1,2,4-TRIMETHYLBENZENE	17.162	105	5937	0.09	PPBV		91
97) m-DICHLOROBENZENE	17.339	146	3837	0.09	PPBV		96
98) BENZYL CHLORIDE	17.327	91	3457	0.07	PPBV		97
99) p-DICHLOROBENZENE	17.418	146	3585	0.09	PPBV		97
100) sec-BUTYLBENZENE	17.473	134	1693	0.09	PPBV	#	75
101) 1,2,3-Trimethylbenzene	17.655	105	6207	0.09	PPBV		99
102) p-ISOPROPYLTOLUENE	17.661	134	1857	0.09	PPBV	#	1
103) o-DICHLOROBENZENE	17.813	146	3707	0.09	PPBV		96
104) n-BUTYLBENZENE	18.148	134	1484	0.08	PPBV	#	78
105) HEXACHLOROETHANE	18.592	117	2882	0.09	PPBV		94
106) HEXACHLOROBUTADIENE	20.326	225	3772	0.08	PPBV		97
107) 1,2,4-TRICHLOROBENZENE	19.796	180	1043	0.04	PPBV		93
108) NAPHTHALENE	19.924	128	2565	0.04	PPBV		93
110) TVHC as equiv Pentane	5.999	TIC	10904m	0.10	PPBV		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77568.D
Acq On : 3 Nov 2022 3:54 am
Operator : thomash
Sample : ic3055-0.1
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 15:00:02 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:39:47 2022
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: V3W3055-IC3055
Lab FileID: 3W77568.D
Injection Time: 11/03/22 03:54

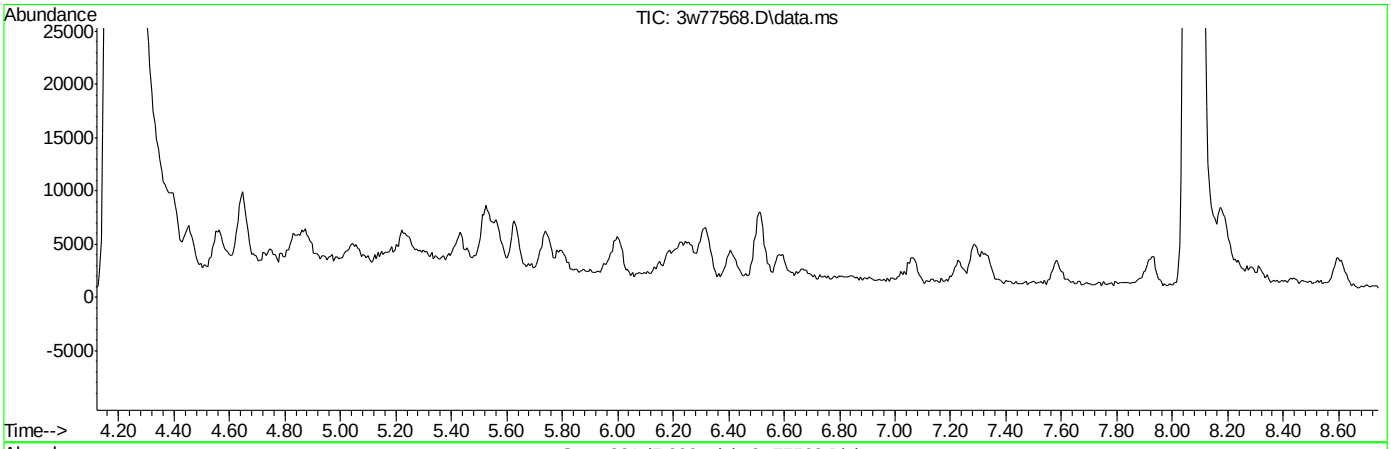
Method: TO-15
Analyst approved: 11/07/22 15:15 Thomas Hilbig
Supervisor approved: 11/07/22 15:57 Kanya Veerawat

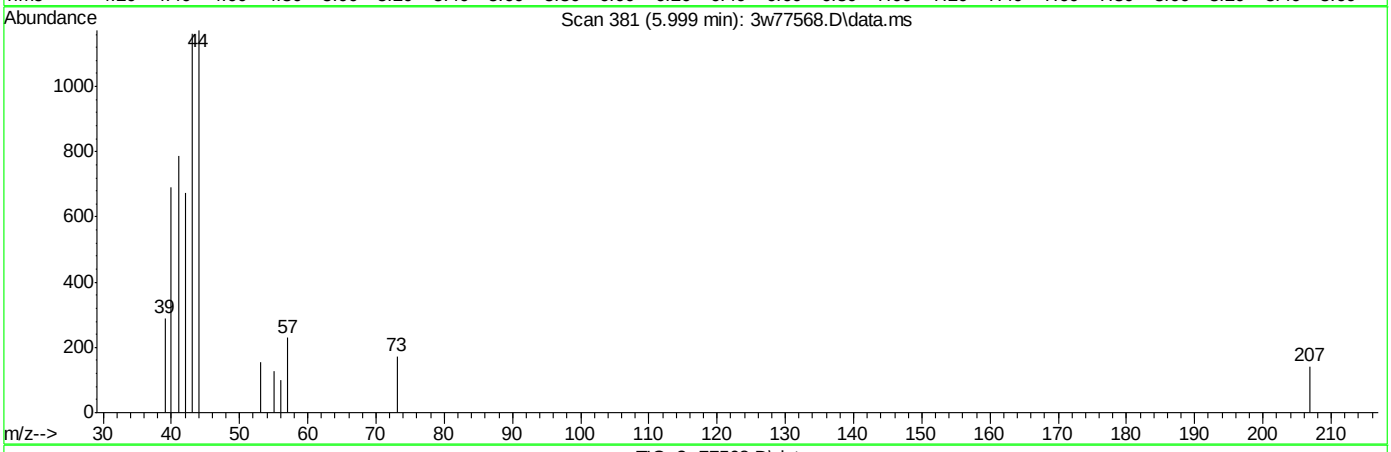
Parameter	CAS	Sig#	R.T. (min.)	Reason
Freon 152A	75-37-6		4.34	Missed peak
TVHC As Equiv Pentane			6.00	Missed peak
4-Ethyltoluene	622-96-8		16.60	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77568.D
Acq On : 3 Nov 2022 3:54 am
Operator : thomash
Sample : ic3055-0.1
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 11:39:58 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:39:47 2022
Response via : Initial Calibration





TIC: 3w77568.D\data.ms

(110) TVHC as equiv Pentane

5.999min (-5.999) 0.00PPBV

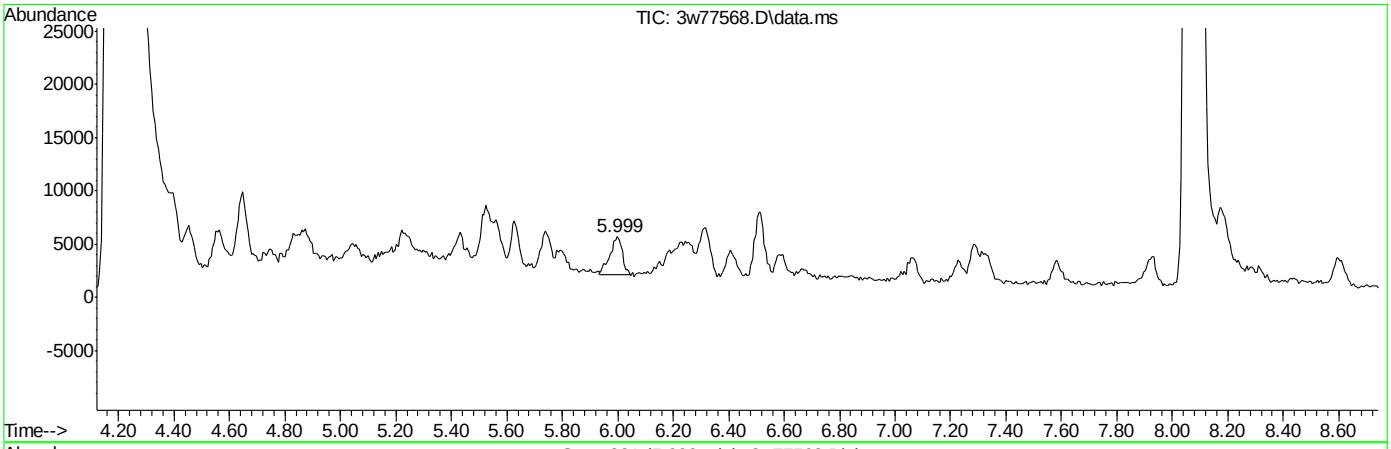
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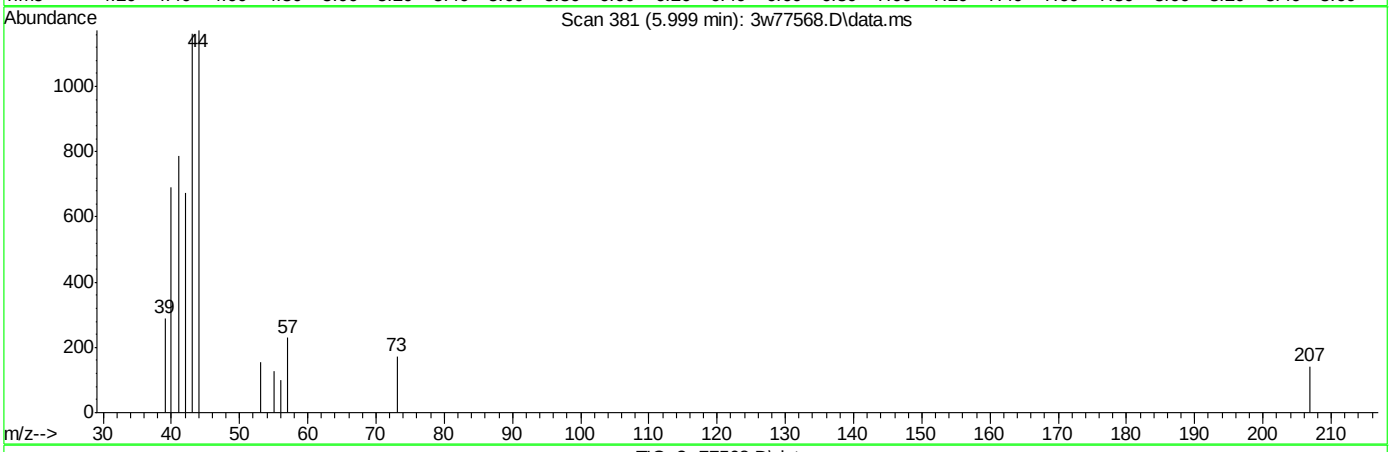
Signal	Exp%	Act%
TIC	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77568.D
Acq On : 3 Nov 2022 3:54 am
Operator : thomash
Sample : ic3055-0.1
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 11:39:58 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:39:47 2022
Response via : Initial Calibration





TIC: 3w77568.D\data.ms

(110) TVHC as equiv Pentane

5.999min (0.000) 0.10PPBV m

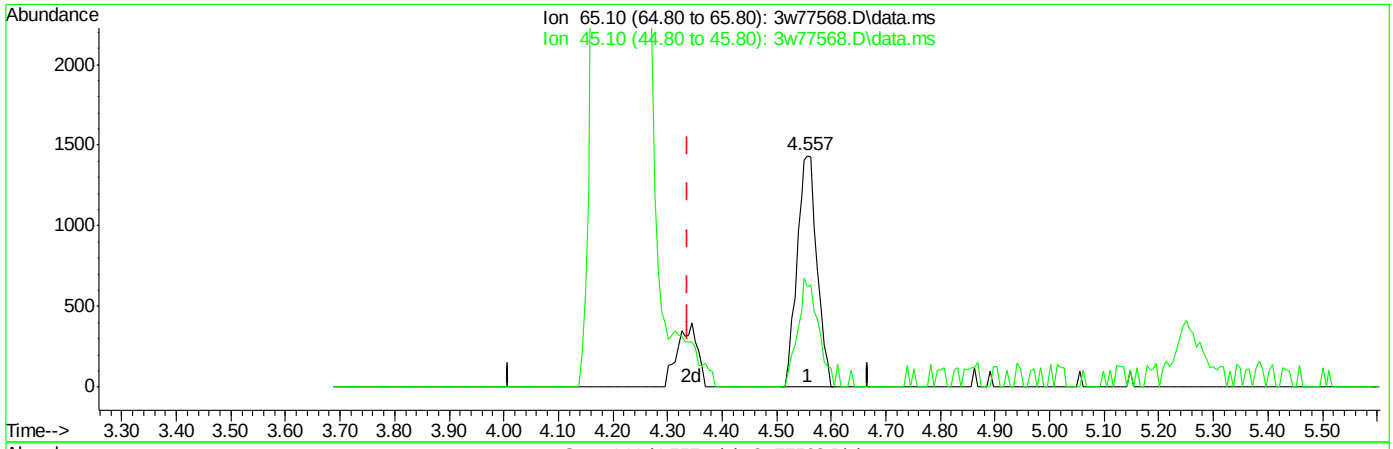
response 10904

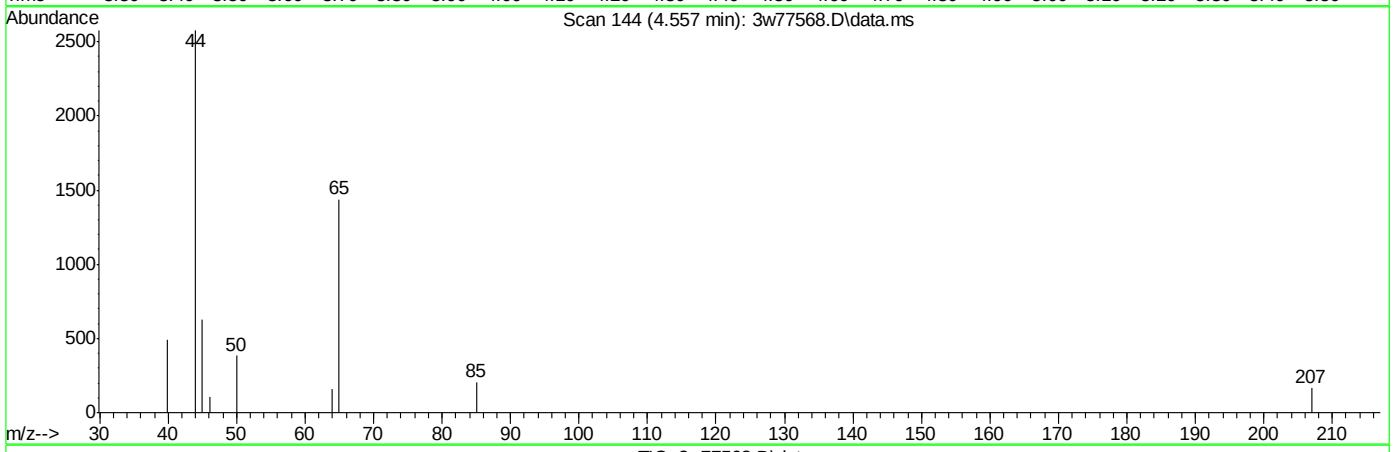
Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77568.D
Acq On : 3 Nov 2022 3:54 am
Operator : thomash
Sample : ic3055-0.1
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 12:02:32 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:39:47 2022
Response via : Initial Calibration





TIC: 3w77568.D\data.ms

(3) FREON 152A

4.557min (+0.219) 0.23PPBV

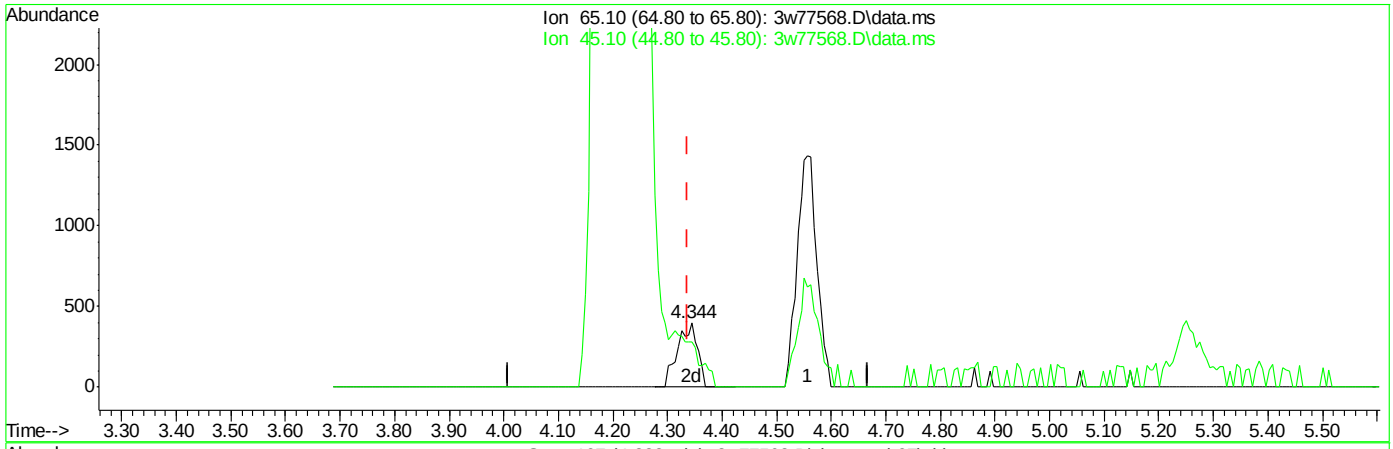
response 3717

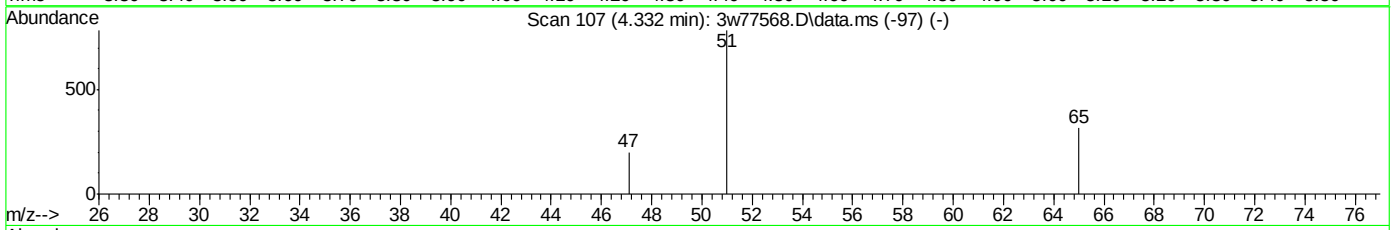
Ion	Exp%	Act%
65.10	100	100
45.10	36.10	48.51
0.00	0.00	0.00
0.00	0.00	0.00

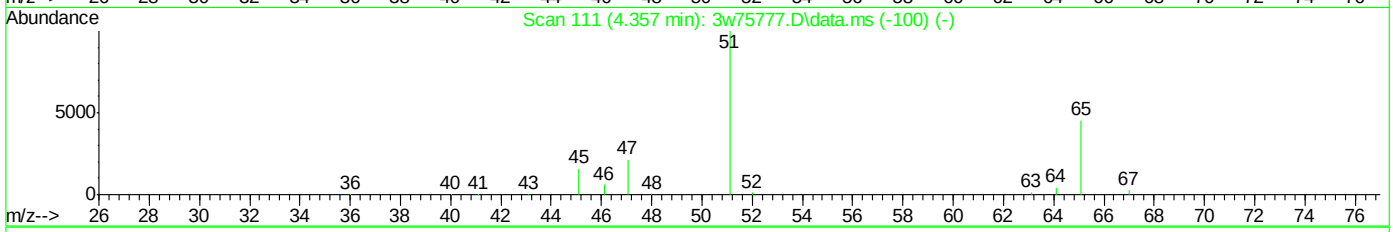
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77568.D
Acq On : 3 Nov 2022 3:54 am
Operator : thomash
Sample : ic3055-0.1
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 12:02:32 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:39:47 2022
Response via : Initial Calibration







TIC: 3w77568.D\data.ms

(3) FREON 152A

4.344min (+0.006) 0.06PPBV m

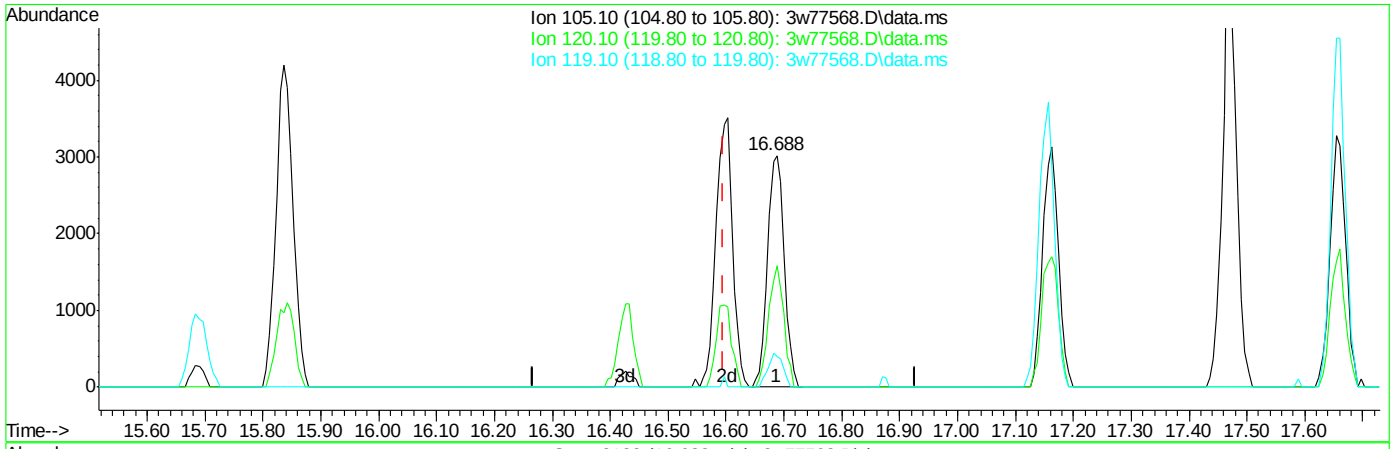
response 982

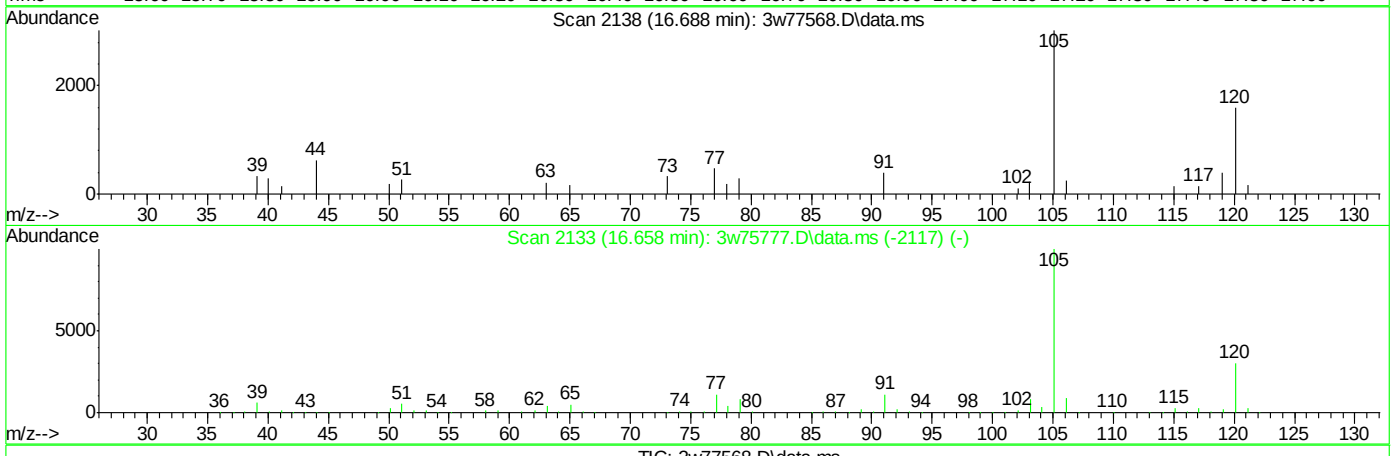
Ion	Exp%	Act%
65.10	100	100
45.10	36.10	183.60#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77568.D
Acq On : 3 Nov 2022 3:54 am
Operator : thomash
Sample : ic3055-0.1
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 12:02:32 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:39:47 2022
Response via : Initial Calibration





TIC: 3w77568.D\data.ms

(92) 4-ETHYLTOLUENE

16.688min (+0.091) 0.08PPBV

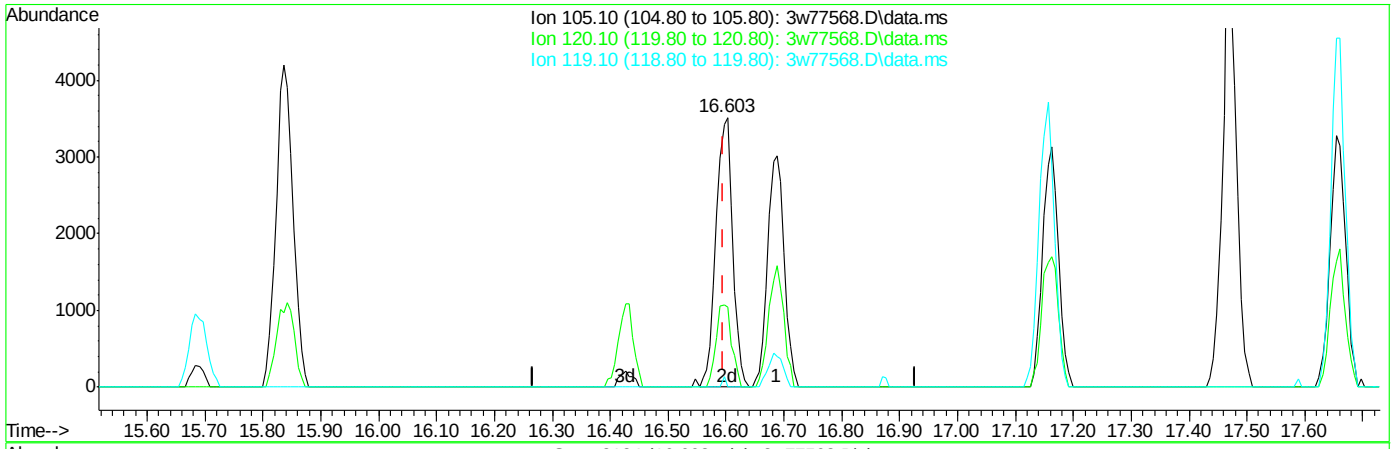
response 6017

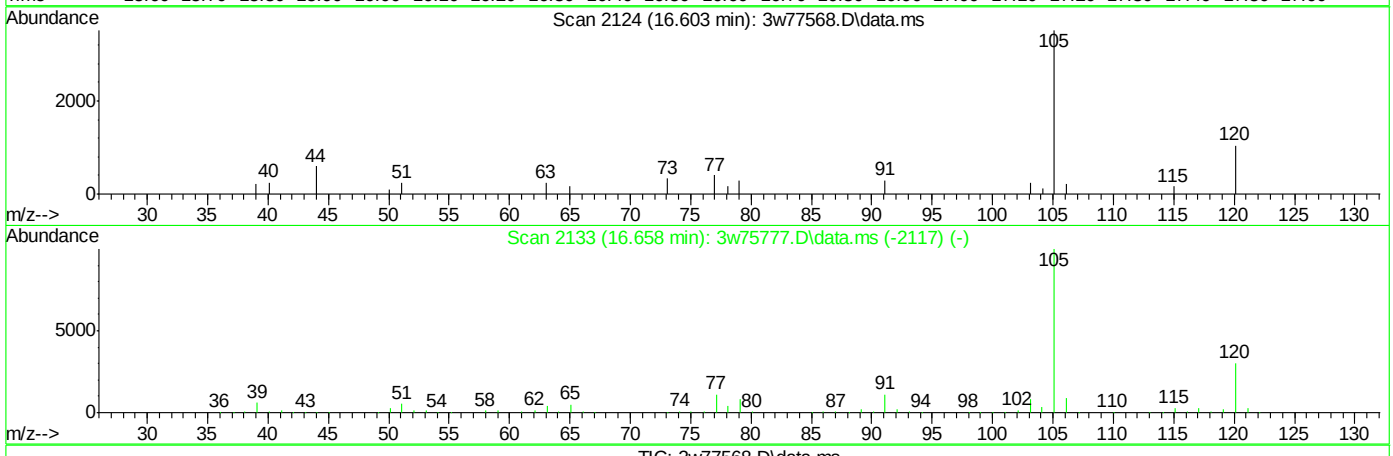
Ion	Exp%	Act%
105.10	100	100
120.10	29.90	48.00
119.10	2.40	12.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77568.D
Acq On : 3 Nov 2022 3:54 am
Operator : thomash
Sample : ic3055-0.1
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 12:02:32 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:39:47 2022
Response via : Initial Calibration





TIC: 3w77568.D\data.ms

(92) 4-ETHYLTOLUENE

16.603min (+0.006) 0.09PPBV m

response 6991

Ion	Exp%	Act%
105.10	100	100
120.10	29.90	41.31
119.10	2.40	11.04
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 15:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77569.D
Acq On : 3 Nov 2022 4:34 am
Operator : thomash
Sample : ic3055-0.2
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 15:01:28 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.074	128	105681	10.00	PPBV		0.00
51) 1,4-DIFLUOROBENZENE	9.783	114	528467	10.00	PPBV		0.00
70) CHLOROBENZENE-D5	14.042	82	263945	10.00	PPBV		0.00
109) BROMOCHLOROMETHANE (A)	8.074	128	105681	10.00	PPBV		0.00
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.690	95	326066	10.58	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 105.80%				
Target Compounds							Qvalue
3) FREON 152A	4.332	65	1803m	0.11	PPBV		
4) CHLORODIFLUOROMETHANE	4.369	67	872	0.18	PPBV		90
5) CHLOROTRIFLUOROETHENE	4.399	116	3961	0.18	PPBV	#	98
6) DICHLORODIFLUOROMETHANE	4.454	85	9817	0.19	PPBV		98
7) PROPYLENE	4.393	41	2793	0.18	PPBV		100
8) 1-CHLORO-1,1-DIFLUOROE...	4.557	65	7176	0.20	PPBV	#	91
9) FREON 114	4.649	85	8004	0.19	PPBV		99
10) CHLOROMETHANE	4.569	52	838	0.19	PPBV	#	78
11) VINYL CHLORIDE	4.740	62	2775	0.19	PPBV	#	91
12) 1,3-BUTADIENE	4.843	54	2238	0.20	PPBV	#	81
13) n-BUTANE	4.874	43	5903	0.22	PPBV		81
14) BROMOMETHANE	5.044	94	3114	0.22	PPBV		92
15) CHLOROETHANE	5.172	64	1383	0.21	PPBV		75
16) DICHLOROFLUOROMETHANE	5.226	67	6631	0.20	PPBV		97
17) ACETONITRILE	5.427	41	3874	0.24	PPBV	#	83
18) ACROLEIN	5.512	56	792	0.14	PPBV		85
19) FREON 123	5.525	83	7010	0.19	PPBV		99
20) FREON 123A	5.567	117	3874	0.19	PPBV		94
21) TRICHLOROFLUOROMETHANE	5.744	101	8795	0.20	PPBV		98
22) ISOPROPYL ALCOHOL	5.798	45	6747	0.20	PPBV		89
23) ACETONE	5.634	58	1986	0.25	PPBV	#	80
24) PENTANE	5.999	42	3715	0.19	PPBV		96
25) IODOMETHANE	6.182	142	7742	0.18	PPBV		99
26) 1,1-DICHLOROETHYLENE	6.224	96	3006	0.20	PPBV		91
27) CARBON DISULFIDE	6.583	76	8781	0.19	PPBV		82
28) ETHANOL	5.251	45	2312	0.31	PPBV		89
29) BROMOETHENE	5.433	106	2508	0.19	PPBV		99
30) ACRYLONITRILE	5.963	52	1624	0.18	PPBV		98
31) METHYLENE CHLORIDE	6.315	84	3895	0.26	PPBV		96
32) 3-CHLOROPROPENE	6.407	76	1446	0.20	PPBV		98
33) FREON 113	6.510	151	5088	0.18	PPBV		93
34) TRANS-1,2-DICHLOROETHY...	7.070	96	2957	0.19	PPBV		95
35) TERTIARY BUTYL ALCOHOL	6.267	59	6653	0.18	PPBV		92
36) METHYL TERTIARY BUTYL ...	7.289	73	8888	0.19	PPBV		99
37) TETRAHYDROFURAN	8.591	72	1185	0.16	PPBV	#	78
38) HEXANE	8.092	57	4603	0.18	PPBV		95
39) VINYL ACETATE	7.337	86	577	0.17	PPBV	#	3
40) 1,1-DICHLOROETHANE	7.228	63	5825	0.20	PPBV		98
41) METHYL ETHYL KETONE	7.569	72	1271	0.17	PPBV	#	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77569.D
Acq On : 3 Nov 2022 4:34 am
Operator : thomash
Sample : ic3055-0.2
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 15:01:28 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) cis-1,2-DICHLOROETHYLENE	7.928	96	3065	0.19	PPBV		95
43) DIISOPROPYL ETHER	8.092	59	1457	0.19	PPBV	#	89
44) ETHYL ACETATE	8.104	61	969	0.18	PPBV	#	87
45) METHYL ACRYLATE	8.104	55	5234	0.18	PPBV	#	82
46) CHLOROFORM	8.177	83	6758	0.19	PPBV		93
47) 2,4-DIMETHYLPENTANE	8.864	57	5109	0.18	PPBV		94
48) 1,1,1-TRICHLOROETHANE	9.065	97	7158	0.19	PPBV		98
49) CARBON TETRACHLORIDE	9.619	117	7308	0.18	PPBV		99
50) 1,2-DICHLOROETHANE	8.834	62	4695	0.19	PPBV		98
52) BENZENE	9.479	78	9856	0.20	PPBV		98
53) CYCLOHEXANE	9.734	84	4720	0.21	PPBV	#	56
54) 2,3-DIMETHYLPENTANE	9.935	71	1999	0.18	PPBV	#	87
55) TRICHLOROETHYLENE	10.446	95	4467	0.19	PPBV		97
56) 1,2-DICHLOROPROPANE	10.233	63	3784	0.19	PPBV		97
57) DIBROMOMETHANE	10.215	174	3996	0.19	PPBV		98
58) ETHYL ACRYLATE	10.221	55	6029	0.16	PPBV		97
59) BROMODICHLOROMETHANE	10.416	83	7631	0.19	PPBV		100
60) 2,2,4-TRIMETHYLPENTANE	10.470	57	14998	0.19	PPBV		99
61) 1,4-DIOXANE	10.501	88	1908	0.18	PPBV	#	1
62) HEPTANE	10.714	43	6128	0.18	PPBV		98
63) METHYL METHACRYLATE	10.635	69	3050	0.17	PPBV		95
64) METHYL ISOBUTYL KETONE	11.328	58	2412	0.16	PPBV		94
65) cis-1,3-DICHLOROPROPENE	11.274	75	5039	0.17	PPBV		91
66) TOLUENE	12.235	92	6830	0.19	PPBV		96
67) 1,3-DICHLOROPROPANE	12.259	76	5568	0.18	PPBV	#	73
68) trans-1,3-DICHLOROPROPENE	11.785	75	4824	0.18	PPBV		97
69) 1,1,2-TRICHLOROETHANE	11.961	83	3497	0.19	PPBV		98
71) 2-HEXANONE	12.502	58	2460	0.15	PPBV		87
72) ETHYL METHACRYLATE	12.496	69	4619	0.18	PPBV		98
73) TETRACHLOROETHYLENE	13.384	164	5001	0.21	PPBV		97
74) DIBROMOCHLOROMETHANE	12.667	129	6768	0.19	PPBV		97
75) 1,2-DIBROMOETHANE	12.916	107	5987	0.21	PPBV	#	99
76) OCTANE	13.214	43	8264	0.20	PPBV		97
77) 1,1,1,2-TETRACHLOROETHANE	14.066	131	5336	0.21	PPBV		98
78) CHLOROBENZENE	14.084	112	9353	0.21	PPBV	#	48
79) ETHYLBENZENE	14.480	91	17234	0.22	PPBV		100
80) m,p-XYLENE	14.668	106	12914	0.44	PPBV		92
81) o-XYLENE	15.185	106	6011	0.21	PPBV		95
82) STYRENE	15.064	104	7314	0.18	PPBV		97
83) NONANE	15.410	43	8689	0.20	PPBV		97
84) BROMOFORM	14.765	173	6444	0.18	PPBV		98
86) 1,1,2,2-TETRACHLOROETHANE	15.179	83	8713	0.20	PPBV		99
87) 1,2,3-TRICHLOROPROPANE	15.325	75	6890	0.20	PPBV		97
88) ISOPROPYLBENZENE	15.836	105	16710	0.20	PPBV		99
89) BROMOBENZENE	15.946	77	7613	0.20	PPBV		98
90) 2-CHLOROTOLUENE	16.390	126	4089	0.20	PPBV		98
91) n-PROPYLBENZENE	16.426	120	4135	0.19	PPBV		96
92) 4-ETHYLTOLUENE	16.597	105	14662	0.19	PPBV		95
93) 1,3,5-TRIMETHYLBENZENE	16.688	105	12710	0.19	PPBV		98
94) ALPHA-METHYLSTYRENE	16.870	118	5241	0.16	PPBV		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77569.D
Acq On : 3 Nov 2022 4:34 am
Operator : thomash
Sample : ic3055-0.2
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 15:01:28 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:50 2022
Response via : Initial Calibration

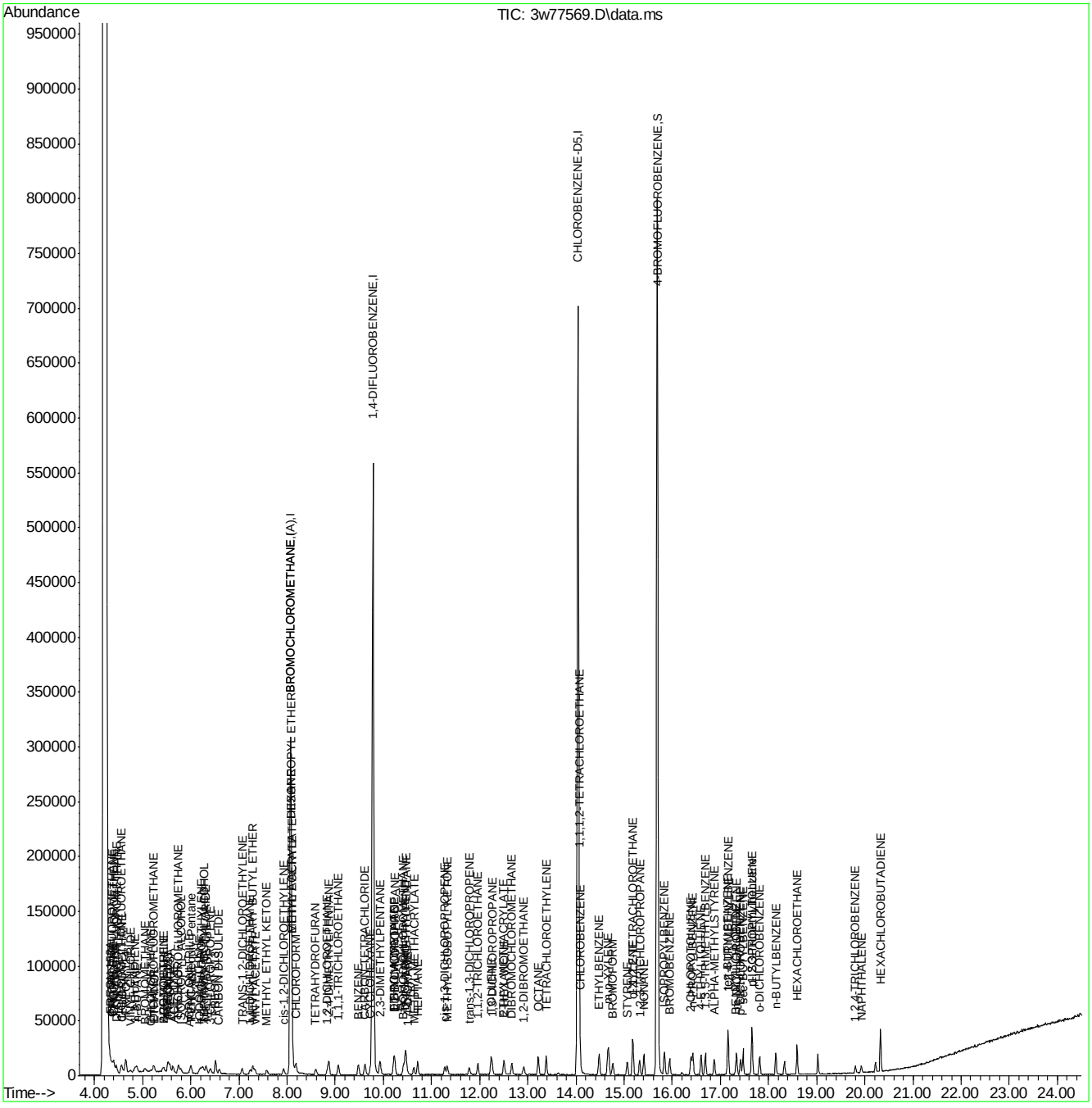
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
95)	tert-BUTYLBENZENE	17.150	134	2730	0.18	PPBV	#	81
96)	1,2,4-TRIMETHYLBENZENE	17.162	105	12286	0.18	PPBV		93
97)	m-DICHLOROBENZENE	17.339	146	8006	0.18	PPBV		97
98)	BENZYL CHLORIDE	17.321	91	7211	0.16	PPBV		98
99)	p-DICHLOROBENZENE	17.418	146	7454	0.18	PPBV		98
100)	sec-BUTYLBENZENE	17.467	134	3664	0.19	PPBV	#	90
101)	1,2,3-Trimethylbenzene	17.655	105	12856	0.19	PPBV		100
102)	p-ISOPROPYLTOLUENE	17.661	134	3896m	0.19	PPBV		
103)	o-DICHLOROBENZENE	17.813	146	7984	0.18	PPBV		98
104)	n-BUTYLBENZENE	18.148	134	3201	0.16	PPBV		92
105)	HEXACHLOROETHANE	18.592	117	5547	0.18	PPBV		97
106)	HEXACHLOROBUTADIENE	20.326	225	7541	0.17	PPBV		98
107)	1,2,4-TRICHLOROBENZENE	19.803	180	2586	0.09	PPBV		94
108)	NAPHTHALENE	19.924	128	6894	0.11	PPBV		94
110)	TVHC as equiv Pentane	6.005	TIC	19135	0.17	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77569.D
Acq On : 3 Nov 2022 4:34 am
Operator : thomash
Sample : ic3055-0.2
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 07 15:01:28 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:50 2022
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: V3W3055-IC3055
Lab FileID: 3W77569.D
Injection Time: 11/03/22 04:34

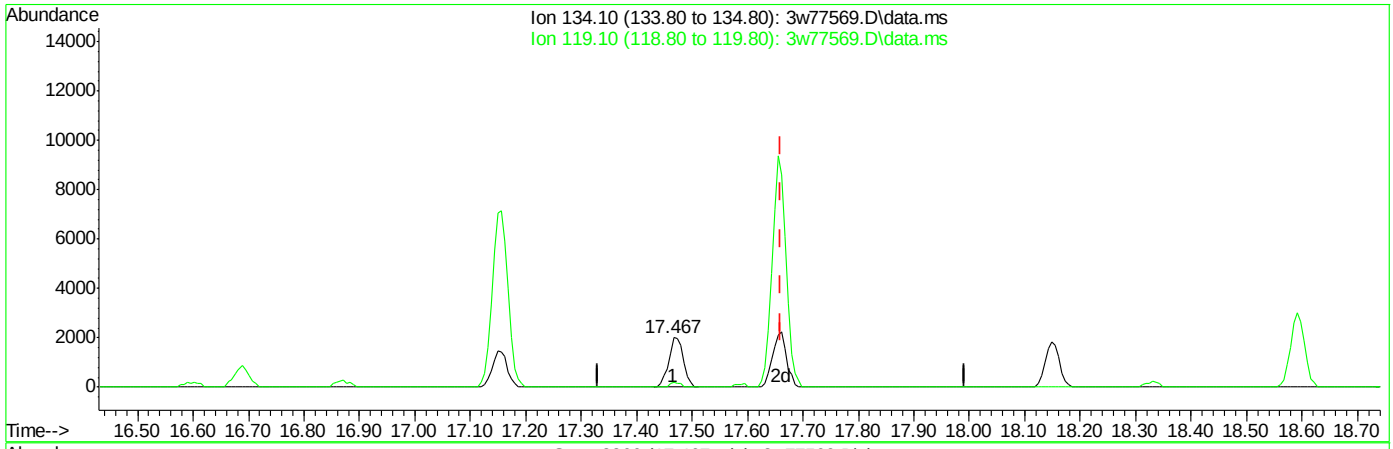
Method: TO-15
Analyst approved: 11/07/22 15:15 Thomas Hilbig
Supervisor approved: 11/07/22 15:57 Kanya Veerawat

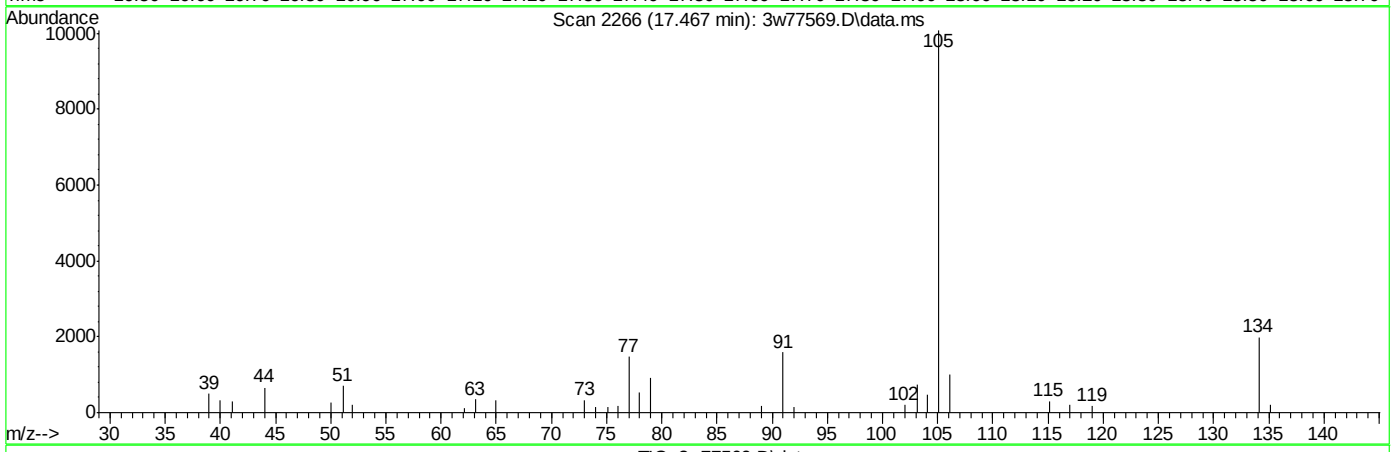
Parameter	CAS	Sig#	R.T. (min.)	Reason
Freon 152A	75-37-6		4.33	Missed peak
p-Isopropyltoluene	99-87-6		17.66	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77569.D
Acq On : 3 Nov 2022 4:34 am
Operator : thomash
Sample : ic3055-0.2
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 11:39:21 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:50 2022
Response via : Initial Calibration





TIC: 3w77569.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.467min (-0.195) 0.18PPBV

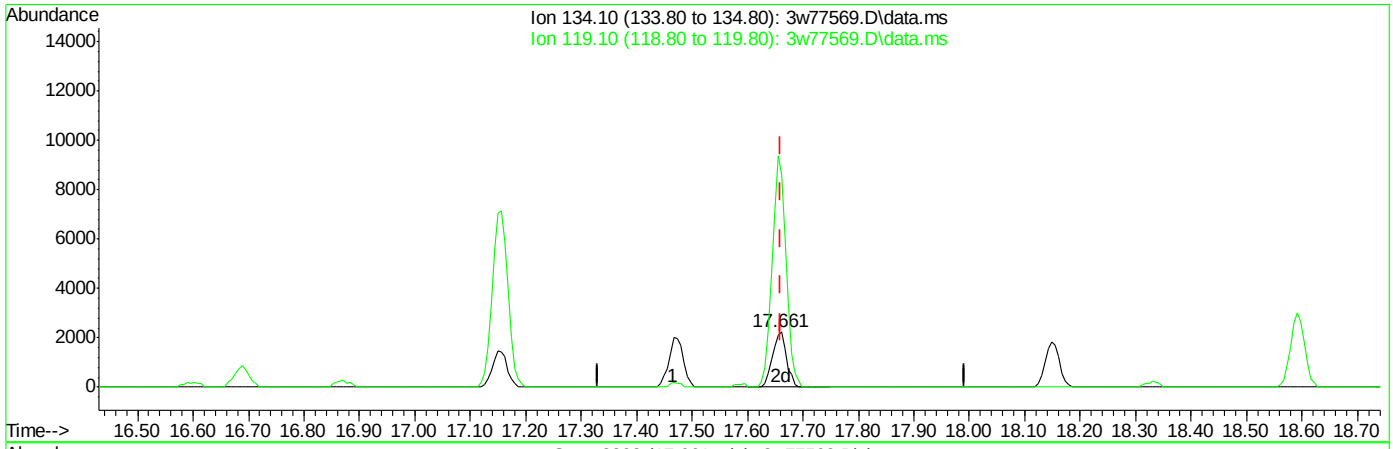
response 3664

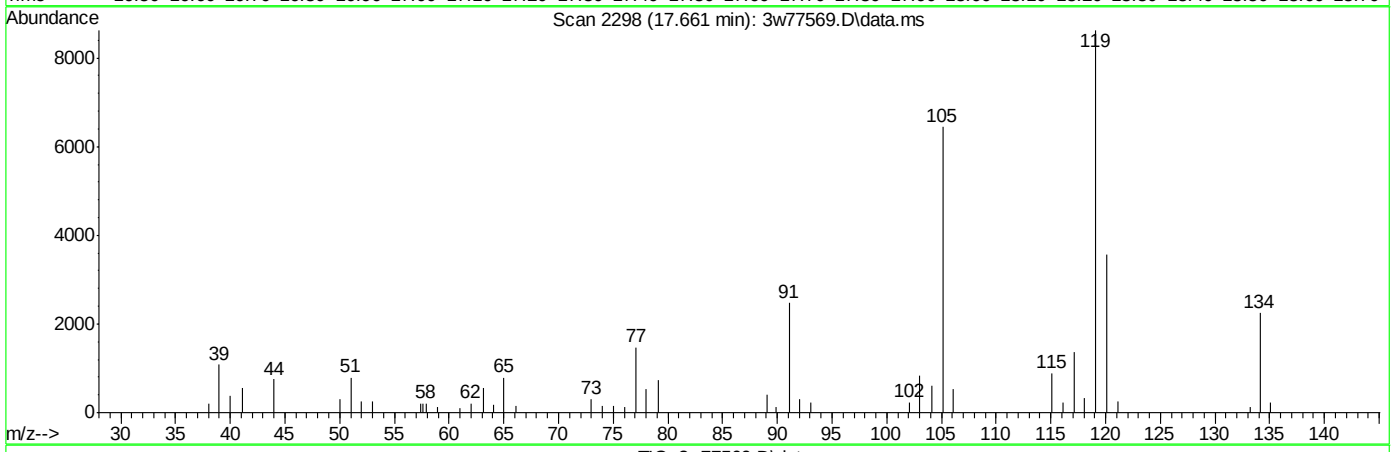
Ion	Exp%	Act%
134.10	100	100
119.10	6.30	6.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77569.D
Acq On : 3 Nov 2022 4:34 am
Operator : thomash
Sample : ic3055-0.2
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 11:39:21 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:50 2022
Response via : Initial Calibration





TIC: 3w77569.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.661min (+0.000) 0.19PPBV m

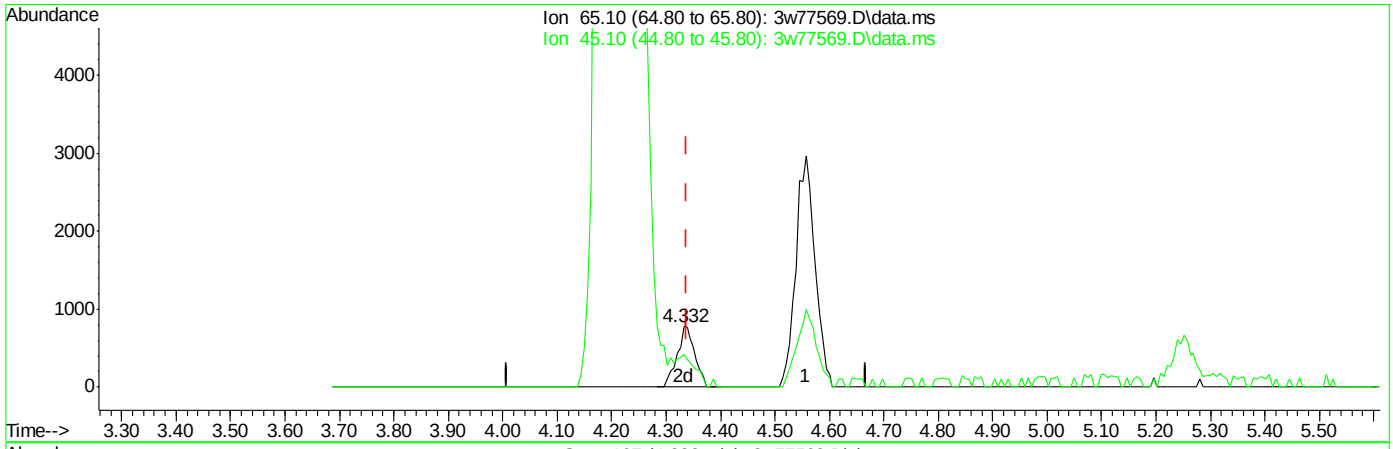
response 3896

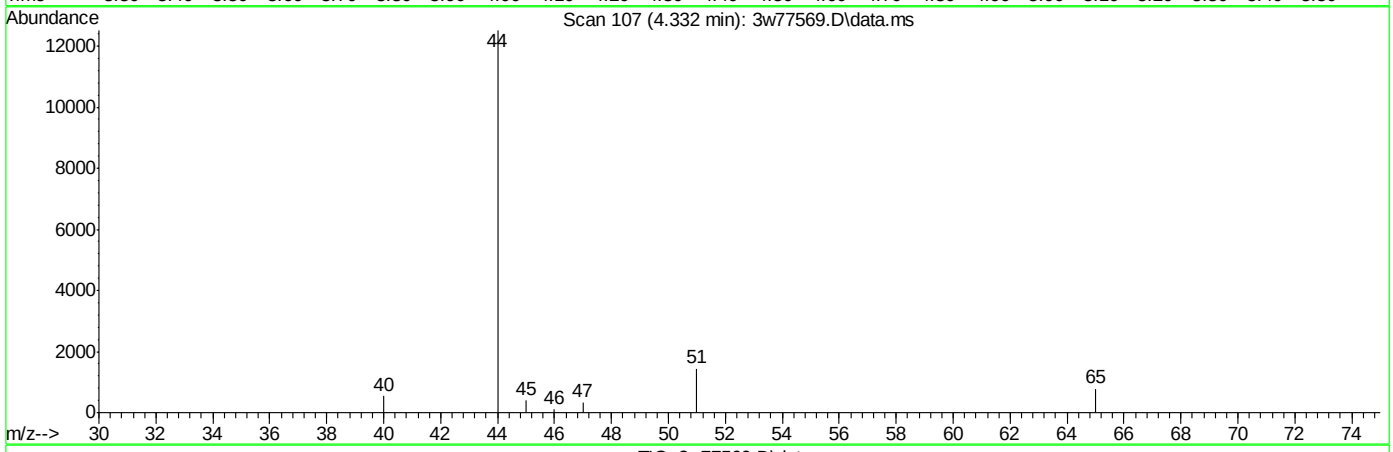
Ion	Exp%	Act%
134.10	100	100
119.10	6.30	5.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77569.D
Acq On : 3 Nov 2022 4:34 am
Operator : thomash
Sample : ic3055-0.2
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 11:39:32 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:50 2022
Response via : Initial Calibration





TIC: 3w77569.D\data.ms

(3) FREON 152A

4.332min (-0.006) 0.11PPBV m

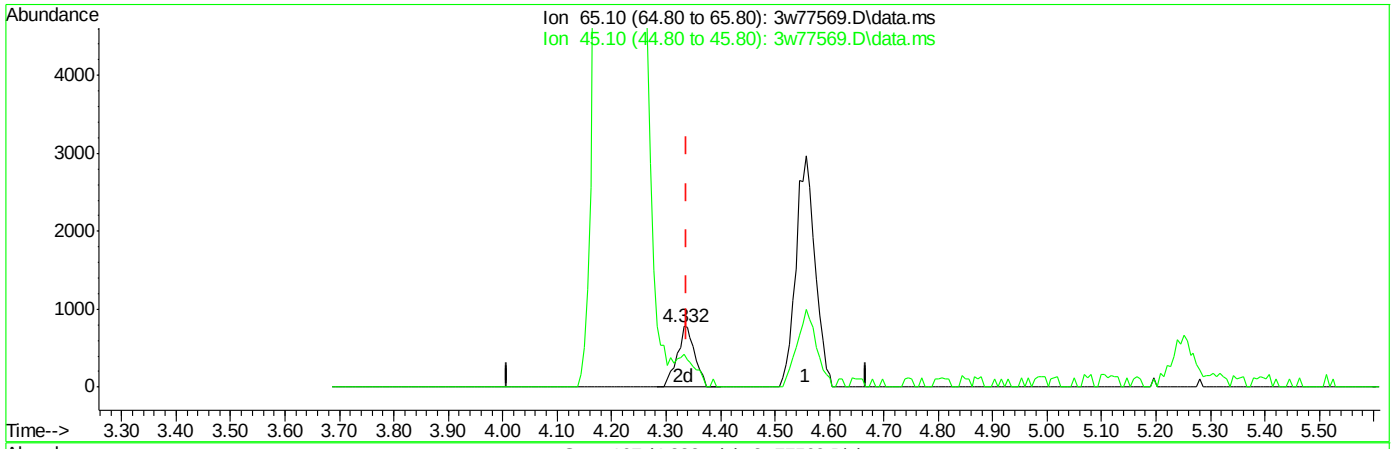
response 1803

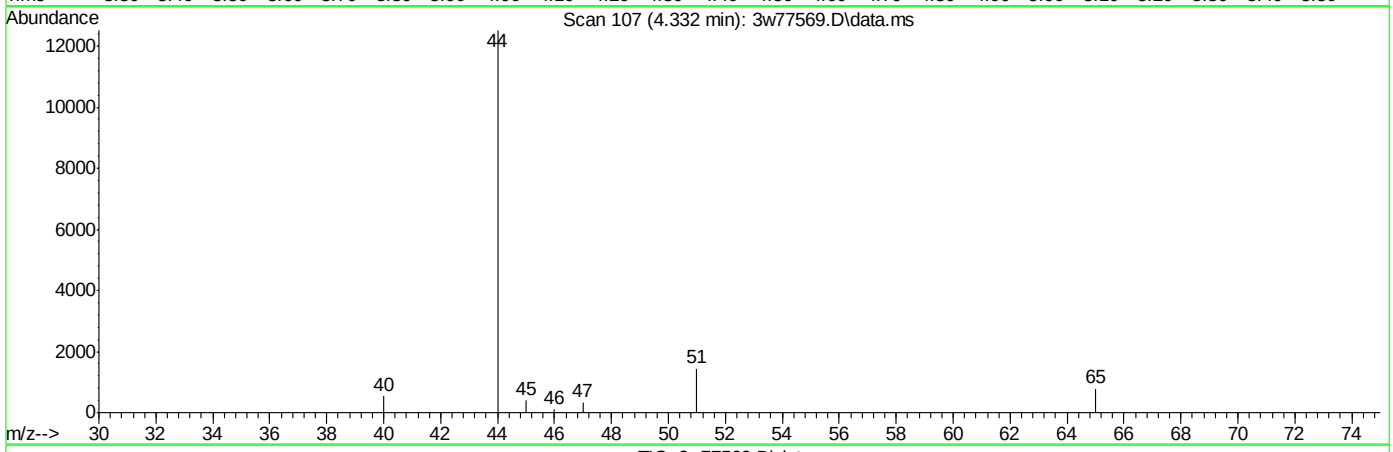
Ion	Exp%	Act%
65.10	100	100
45.10	36.10	136.61#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77569.D
Acq On : 3 Nov 2022 4:34 am
Operator : thomash
Sample : ic3055-0.2
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 06 11:39:32 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:50 2022
Response via : Initial Calibration





TIC: 3w77569.D\data.ms

(3) FREON 152A

4.332min (-0.006) 0.11PPBV m

response 1803

Ion	Exp%	Act%
65.10	100	100
45.10	36.10	136.61#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 15:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77571.D
Acq On : 3 Nov 2022 5:54 am
Operator : thomash
Sample : ic3055-0.5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:02:45 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.073	128	104940	10.00	PPBV		0.00
51) 1,4-DIFLUOROBENZENE	9.783	114	529502	10.00	PPBV		0.00
70) CHLOROBENZENE-D5	14.041	82	261020	10.00	PPBV		0.00
109) BROMOCHLOROMETHANE (A)	8.073	128	104940	10.00	PPBV		0.00
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.684	95	325094	10.67	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 106.70%				
Target Compounds							Qvalue
3) FREON 152A	4.332	65	5687	0.35	PPBV		80
4) CHLORODIFLUOROMETHANE	4.368	67	2922	0.61	PPBV		94
5) CHLOROTRIFLUOROETHENE	4.399	116	12785	0.60	PPBV	#	99
6) DICHLORODIFLUOROMETHANE	4.448	85	31663	0.62	PPBV		94
7) PROPYLENE	4.393	41	9267	0.62	PPBV		97
8) 1-CHLORO-1,1-DIFLUOROE...	4.551	65	22575	0.62	PPBV		96
9) FREON 114	4.642	85	26396	0.64	PPBV		98
10) CHLOROMETHANE	4.581	52	2900	0.67	PPBV	#	65
11) VINYL CHLORIDE	4.740	62	9461	0.64	PPBV		99
12) 1,3-BUTADIENE	4.837	54	7067	0.63	PPBV		92
13) n-BUTANE	4.873	43	16632	0.62	PPBV	#	95
14) BROMOMETHANE	5.050	94	9276	0.66	PPBV		92
15) CHLOROETHANE	5.172	64	4110	0.64	PPBV		84
16) DICHLOROFLUOROMETHANE	5.226	67	19859	0.61	PPBV		98
17) ACETONITRILE	5.415	41	10262	0.65	PPBV	#	71
18) ACROLEIN	5.518	56	3623	0.64	PPBV		92
19) FREON 123	5.524	83	22958	0.64	PPBV		99
20) FREON 123A	5.561	117	12423	0.62	PPBV		98
21) TRICHLOROFLUOROMETHANE	5.743	101	27224	0.62	PPBV		99
22) ISOPROPYL ALCOHOL	5.780	45	20658	0.61	PPBV		91
23) ACETONE	5.622	58	4422	0.55	PPBV		95
24) PENTANE	5.999	42	12004	0.63	PPBV		99
25) IODOMETHANE	6.187	142	25298	0.60	PPBV		100
26) 1,1-DICHLOROETHYLENE	6.230	96	9310	0.61	PPBV		97
27) CARBON DISULFIDE	6.589	76	28458	0.63	PPBV		87
28) ETHANOL	5.251	45	4466	0.60	PPBV		95
29) BROMOETHENE	5.433	106	8253	0.62	PPBV		98
30) ACRYLONITRILE	5.962	52	5424	0.60	PPBV		94
31) METHYLENE CHLORIDE	6.315	84	9941	0.66	PPBV		99
32) 3-CHLOROPROPENE	6.406	76	4463	0.61	PPBV		98
33) FREON 113	6.510	151	16810	0.61	PPBV		97
34) TRANS-1,2-DICHLOROETHY...	7.064	96	9420	0.60	PPBV		97
35) TERTIARY BUTYL ALCOHOL	6.254	59	21829	0.61	PPBV		93
36) METHYL TERTIARY BUTYL ...	7.276	73	28529	0.61	PPBV		98
37) TETRAHYDROFURAN	8.578	72	4334	0.59	PPBV		95
38) HEXANE	8.092	57	15214	0.61	PPBV		98
39) VINYL ACETATE	7.325	86	1921	0.58	PPBV	#	76
40) 1,1-DICHLOROETHANE	7.228	63	18283	0.62	PPBV		99
41) METHYL ETHYL KETONE	7.562	72	4333	0.59	PPBV		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77571.D
Acq On : 3 Nov 2022 5:54 am
Operator : thomash
Sample : ic3055-0.5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:02:45 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:19 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42)	cis-1,2-DICHLOROETHYLENE	7.927	96	9379	0.58	PPBV		99
43)	DIISOPROPYL ETHER	8.086	59	4582	0.60	PPBV		100
44)	ETHYL ACETATE	8.104	61	3034	0.58	PPBV	#	79
45)	METHYL ACRYLATE	8.104	55	17259	0.58	PPBV		98
46)	CHLOROFORM	8.183	83	22386	0.63	PPBV		99
47)	2,4-DIMETHYLPENTANE	8.864	57	17284	0.60	PPBV		98
48)	1,1,1-TRICHLOROETHANE	9.065	97	22692	0.60	PPBV		98
49)	CARBON TETRACHLORIDE	9.619	117	24195	0.60	PPBV		99
50)	1,2-DICHLOROETHANE	8.834	62	14423	0.59	PPBV		99
52)	BENZENE	9.479	78	30095	0.60	PPBV		99
53)	CYCLOHEXANE	9.734	84	12857	0.57	PPBV		92
54)	2,3-DIMETHYLPENTANE	9.929	71	6814	0.62	PPBV		99
55)	TRICHLOROETHYLENE	10.452	95	13730	0.58	PPBV		99
56)	1,2-DICHLOROPROPANE	10.233	63	11942	0.60	PPBV		98
57)	DIBROMOMETHANE	10.215	174	11899	0.56	PPBV		95
58)	ETHYL ACRYLATE	10.215	55	20905	0.56	PPBV		99
59)	BROMODICHLOROMETHANE	10.416	83	24259	0.60	PPBV		99
60)	2,2,4-TRIMETHYLPENTANE	10.470	57	48308	0.60	PPBV		100
61)	1,4-DIOXANE	10.482	88	5870	0.55	PPBV	#	92
62)	HEPTANE	10.714	43	20121	0.59	PPBV		98
63)	METHYL METHACRYLATE	10.628	69	10271	0.58	PPBV		98
64)	METHYL ISOBUTYL KETONE	11.316	58	8425	0.57	PPBV		93
65)	cis-1,3-DICHLOROPROPENE	11.267	75	16958	0.57	PPBV		96
66)	TOLUENE	12.235	92	20717	0.57	PPBV		100
67)	1,3-DICHLOROPROPANE	12.259	76	18264	0.60	PPBV	#	73
68)	trans-1,3-DICHLOROPROPENE	11.778	75	15166	0.56	PPBV		99
69)	1,1,2-TRICHLOROETHANE	11.961	83	10865	0.58	PPBV		99
71)	2-HEXANONE	12.502	58	10315	0.63	PPBV		92
72)	ETHYL METHACRYLATE	12.496	69	16436	0.63	PPBV		98
73)	TETRACHLOROETHYLENE	13.378	164	14895	0.62	PPBV		97
74)	DIBROMOCHLOROMETHANE	12.666	129	23558	0.66	PPBV		99
75)	1,2-DIBROMOETHANE	12.916	107	18876	0.66	PPBV		99
76)	OCTANE	13.214	43	27054	0.65	PPBV		98
77)	1,1,1,2-TETRACHLOROETHANE	14.066	131	17237	0.67	PPBV		99
78)	CHLOROBENZENE	14.090	112	29496	0.67	PPBV		99
79)	ETHYLBENZENE	14.479	91	49561	0.65	PPBV		99
80)	m,p-XYLENE	14.674	106	37837	1.30	PPBV		97
81)	o-XYLENE	15.179	106	17985	0.64	PPBV		96
82)	STYRENE	15.063	104	24841	0.63	PPBV		98
83)	NONANE	15.410	43	28314	0.66	PPBV		99
84)	BROMOFORM	14.765	173	22109	0.62	PPBV		99
86)	1,1,2,2-TETRACHLOROETHANE	15.179	83	27707	0.65	PPBV		99
87)	1,2,3-TRICHLOROPROPANE	15.319	75	22235	0.67	PPBV		99
88)	ISOPROPYLBENZENE	15.836	105	54054	0.67	PPBV		99
89)	BROMOBENZENE	15.946	77	24834	0.64	PPBV		98
90)	2-CHLOROTOLUENE	16.390	126	13300	0.64	PPBV		98
91)	n-PROPYLBENZENE	16.426	120	13890	0.64	PPBV		100
92)	4-ETHYLTOLUENE	16.596	105	50611	0.67	PPBV		99
93)	1,3,5-TRIMETHYLBENZENE	16.688	105	43041	0.65	PPBV		99
94)	ALPHA-METHYLSTYRENE	16.870	118	19432	0.61	PPBV		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77571.D
Acq On : 3 Nov 2022 5:54 am
Operator : thomash
Sample : ic3055-0.5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:02:45 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:19 2022
Response via : Initial Calibration

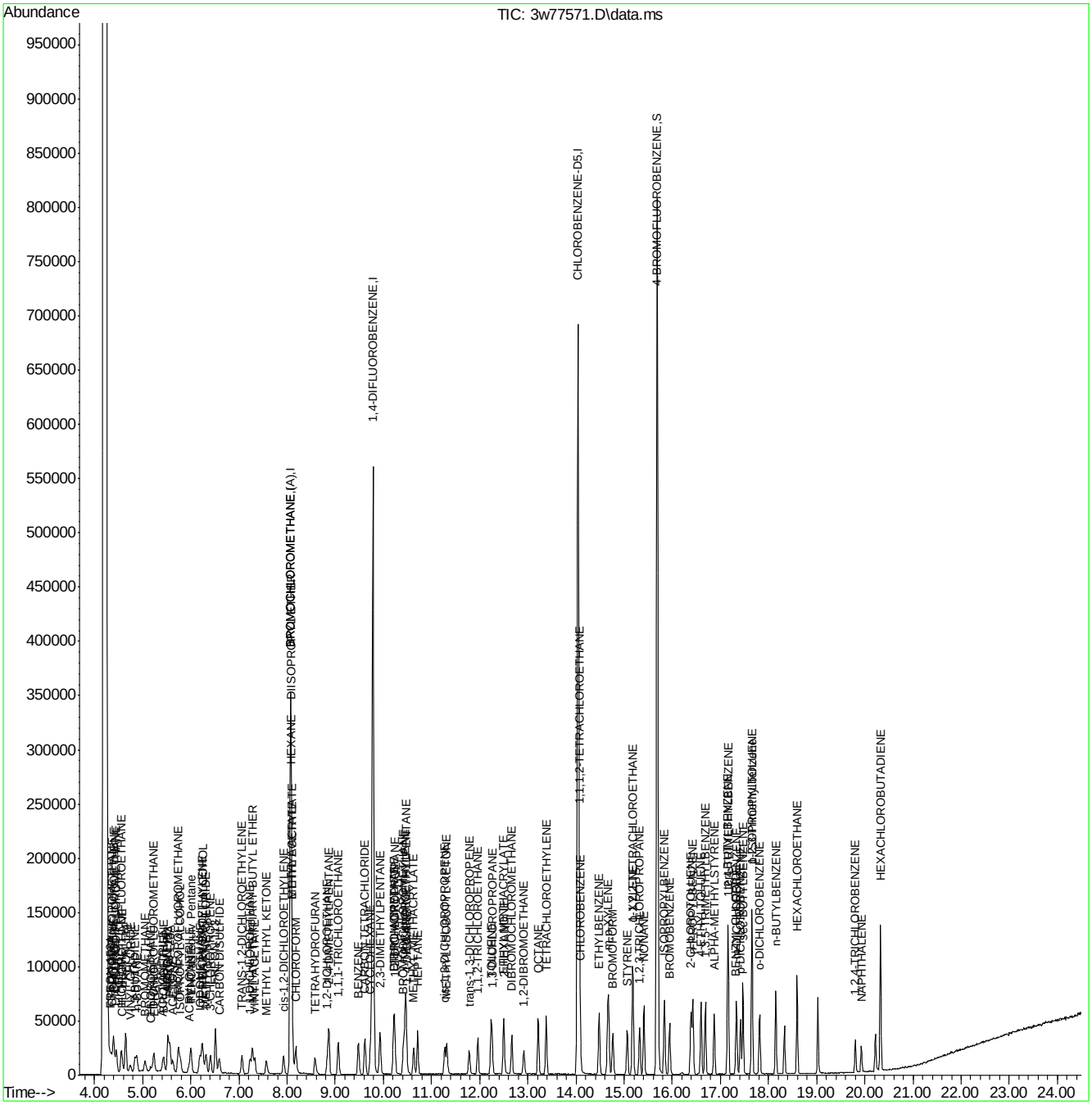
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	tert-BUTYLBENZENE	17.150	134	10081	0.67	PPBV	97
96)	1,2,4-TRIMETHYLBENZENE	17.162	105	43656	0.66	PPBV	96
97)	m-DICHLOROBENZENE	17.339	146	26715	0.62	PPBV	99
98)	BENZYL CHLORIDE	17.320	91	22116	0.48	PPBV	98
99)	p-DICHLOROBENZENE	17.418	146	25003	0.60	PPBV	100
100)	sec-BUTYLBENZENE	17.472	134	12837	0.66	PPBV	93
101)	1,2,3-Trimethylbenzene	17.655	105	45010	0.66	PPBV	99
102)	p-ISOPROPYLTOLUENE	17.655	134	14586m	0.72	PPBV	
103)	o-DICHLOROBENZENE	17.813	146	26703	0.62	PPBV	100
104)	n-BUTYLBENZENE	18.148	134	11991	0.61	PPBV	96
105)	HEXACHLOROETHANE	18.592	117	19616	0.63	PPBV	98
106)	HEXACHLOROBUTADIENE	20.326	225	25916	0.58	PPBV	97
107)	1,2,4-TRICHLOROBENZENE	19.802	180	11388	0.39	PPBV	99
108)	NAPHTHALENE	19.930	128	23432	0.39	PPBV	96
110)	TVHC as equiv Pentane	5.999	TIC	74072	0.65	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77571.D
Acq On : 3 Nov 2022 5:54 am
Operator : thomash
Sample : ic3055-0.5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:02:45 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:19 2022
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: V3W3055-IC3055
Lab FileID: 3W77571.D
Injection Time: 11/03/22 05:54

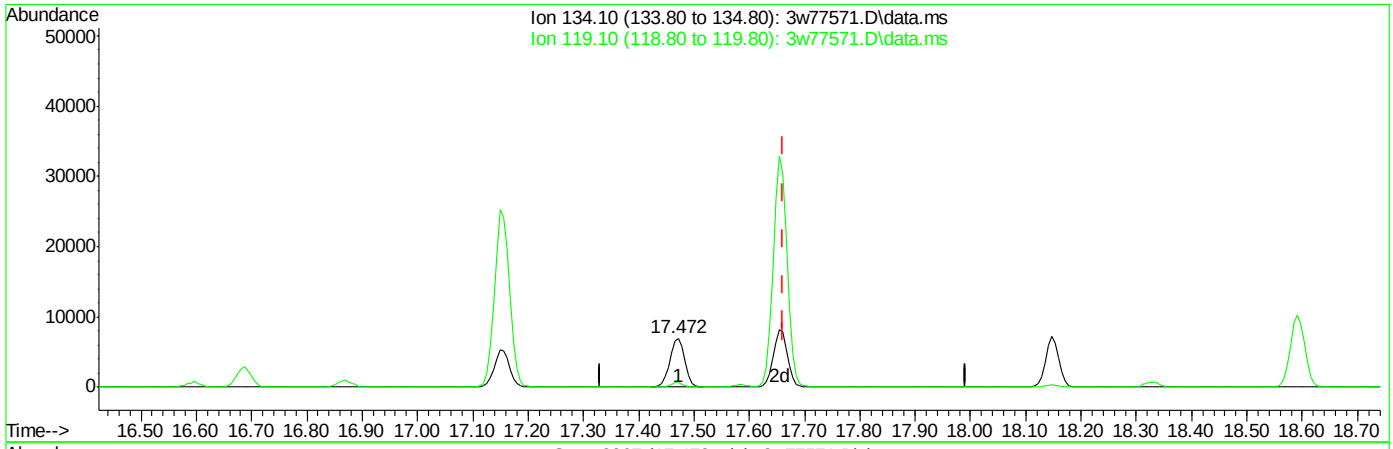
Method: TO-15
Analyst approved: 11/07/22 15:15 Thomas Hilbig
Supervisor approved: 11/07/22 15:57 Kanya Veerawat

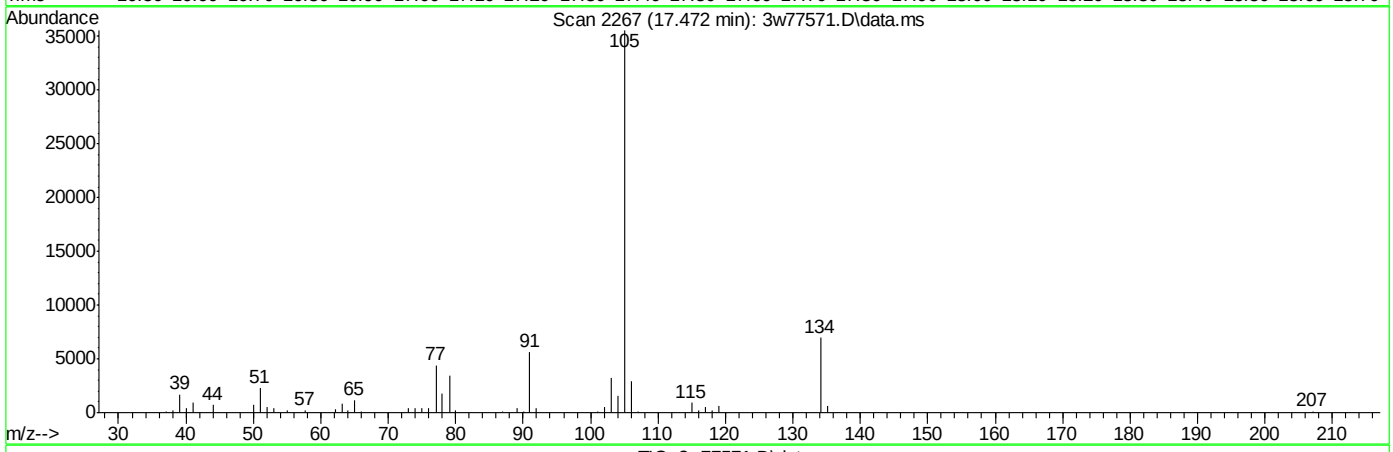
Parameter	CAS	Sig#	R.T. (min.)	Reason
p-Isopropyltoluene	99-87-6		17.66	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77571.D
Acq On : 3 Nov 2022 5:54 am
Operator : thomash
Sample : ic3055-0.5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:37:29 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:19 2022
Response via : Initial Calibration





TIC: 3w77571.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.472min (-0.189) 0.64PPBV

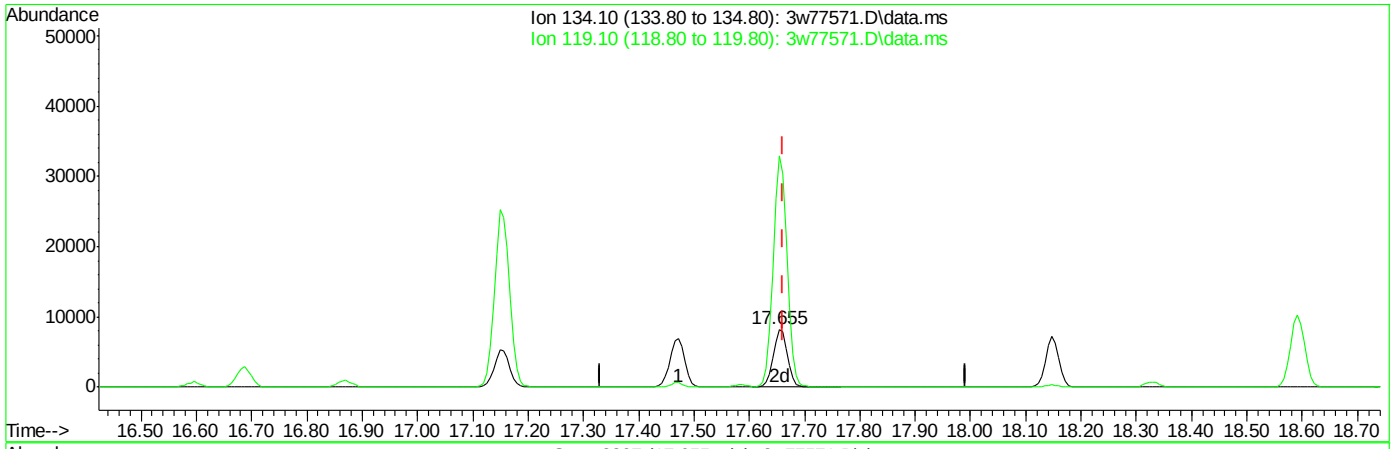
response 12837

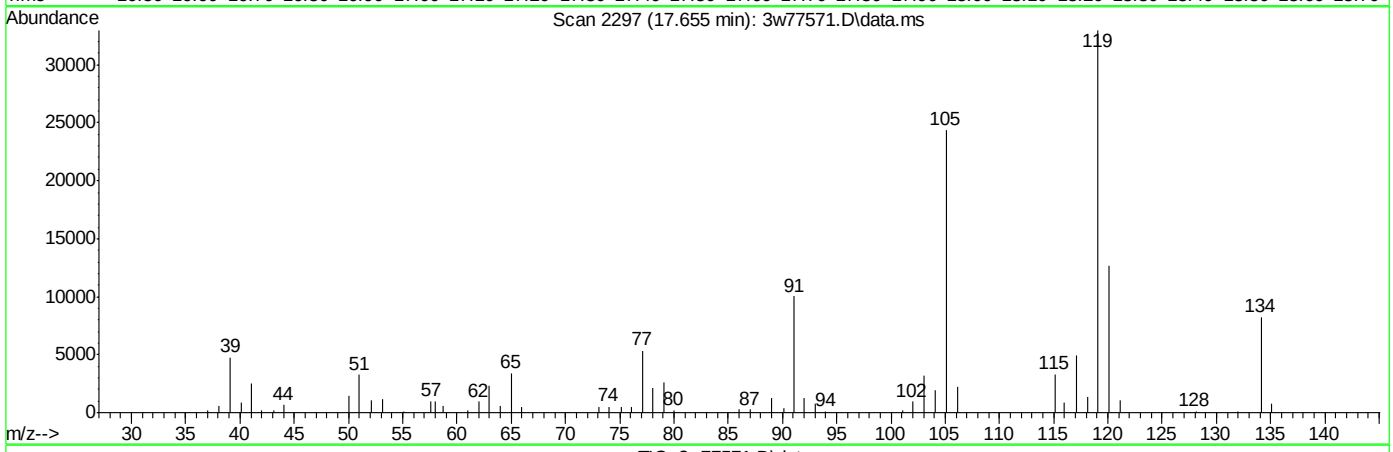
Ion	Exp%	Act%
134.10	100	100
119.10	6.30	7.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77571.D
Acq On : 3 Nov 2022 5:54 am
Operator : thomash
Sample : ic3055-0.5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:37:29 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:37:19 2022
Response via : Initial Calibration





TIC: 3w77571.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.655min (-0.006) 0.72PPBV m

response 14586

Ion	Exp%	Act%
134.10	100	100
119.10	6.30	6.64
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 15:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77572.D
Acq On : 3 Nov 2022 6:33 am
Operator : thomash
Sample : ic3055-5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:03 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:36:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.074	128	103222	10.00	PPBV		0.00
51) 1,4-DIFLUOROBENZENE	9.783	114	512750	10.00	PPBV		0.00
70) CHLOROBENZENE-D5	14.042	82	271676	10.00	PPBV		0.00
109) BROMOCHLOROMETHANE (A)	8.074	128	103222	10.00	PPBV		0.00
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.690	95	343650	10.84	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 108.40%				
Target Compounds							Qvalue
3) FREON 152A	4.338	65	46592	2.91	PPBV		99
4) CHLORODIFLUOROMETHANE	4.375	67	24087	5.09	PPBV		96
5) CHLOROTRIFLUOROETHENE	4.399	116	103961	4.97	PPBV	#	100
6) DICHLORODIFLUOROMETHANE	4.454	85	255440	5.11	PPBV		100
7) PROPYLENE	4.393	41	72912	4.94	PPBV		99
8) 1-CHLORO-1,1-DIFLUOROE...	4.557	65	178942	5.02	PPBV		100
9) FREON 114	4.648	85	207129	5.11	PPBV		99
10) CHLOROMETHANE	4.575	52	22220	5.24	PPBV		100
11) VINYL CHLORIDE	4.740	62	73776	5.06	PPBV		100
12) 1,3-BUTADIENE	4.837	54	54533	4.94	PPBV		99
13) n-BUTANE	4.880	43	126221	4.80	PPBV		100
14) BROMOMETHANE	5.050	94	62609	4.51	PPBV		99
15) CHLOROETHANE	5.172	64	30970	4.91	PPBV		99
16) DICHLOROFLUOROMETHANE	5.226	67	159260	5.01	PPBV		100
17) ACETONITRILE	5.421	41	67771	4.35	PPBV		96
18) ACROLEIN	5.512	56	30090	5.41	PPBV		99
19) FREON 123	5.525	83	178623	5.04	PPBV		100
20) FREON 123A	5.567	117	98289	4.98	PPBV		98
21) TRICHLOROFLUOROMETHANE	5.744	101	213377	4.94	PPBV		100
22) ISOPROPYL ALCOHOL	5.780	45	166212	4.98	PPBV		98
23) ACETONE	5.616	58	35552	4.53	PPBV		99
24) PENTANE	5.999	42	92508	4.97	PPBV		99
25) IODOMETHANE	6.188	142	205632	4.97	PPBV		100
26) 1,1-DICHLOROETHYLENE	6.230	96	74417	4.96	PPBV		99
27) CARBON DISULFIDE	6.589	76	225239	5.04	PPBV		100
28) ETHANOL	5.245	45	32439	4.43	PPBV		98
29) BROMOETHENE	5.439	106	65172	4.96	PPBV		99
30) ACRYLONITRILE	5.956	52	47584	5.33	PPBV		98
31) METHYLENE CHLORIDE	6.315	84	68313	4.63	PPBV		99
32) 3-CHLOROPROPENE	6.413	76	36413	5.07	PPBV		99
33) FREON 113	6.510	151	133632	4.94	PPBV		99
34) TRANS-1,2-DICHLOROETHY...	7.064	96	76993	5.03	PPBV		99
35) TERTIARY BUTYL ALCOHOL	6.242	59	175867	5.00	PPBV		98
36) METHYL TERTIARY BUTYL ...	7.271	73	225839	4.91	PPBV		99
37) TETRAHYDROFURAN	8.560	72	36421	5.03	PPBV		97
38) HEXANE	8.092	57	122919	5.05	PPBV		99
39) VINYL ACETATE	7.331	86	16278	5.02	PPBV	#	90
40) 1,1-DICHLOROETHANE	7.234	63	144941	4.99	PPBV		99
41) METHYL ETHYL KETONE	7.556	72	37525	5.16	PPBV		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77572.D
Acq On : 3 Nov 2022 6:33 am
Operator : thomash
Sample : ic3055-5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:03 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:36:20 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42)	cis-1,2-DICHLOROETHYLENE	7.928	96	78714	4.97	PPBV		99
43)	DIISOPROPYL ETHER	8.080	59	37614	5.04	PPBV		99
44)	ETHYL ACETATE	8.098	61	26192	5.09	PPBV	#	95
45)	METHYL ACRYLATE	8.098	55	150721	5.17	PPBV		99
46)	CHLOROFORM	8.183	83	173852	4.94	PPBV		100
47)	2,4-DIMETHYLPENTANE	8.864	57	140527	5.00	PPBV		99
48)	1,1,1-TRICHLOROETHANE	9.065	97	182633	4.91	PPBV		100
49)	CARBON TETRACHLORIDE	9.619	117	196524	4.94	PPBV		99
50)	1,2-DICHLOROETHANE	8.834	62	119983	5.01	PPBV		100
52)	BENZENE	9.479	78	241344	4.98	PPBV		100
53)	CYCLOHEXANE	9.728	84	99536	4.59	PPBV		92
54)	2,3-DIMETHYLPENTANE	9.929	71	54310	5.07	PPBV		99
55)	TRICHLOROETHYLENE	10.452	95	112589	4.95	PPBV		100
56)	1,2-DICHLOROPROPANE	10.233	63	96252	4.98	PPBV		99
57)	DIBROMOMETHANE	10.215	174	99177	4.81	PPBV		98
58)	ETHYL ACRYLATE	10.209	55	185140	5.11	PPBV		99
59)	BROMODICHLOROMETHANE	10.416	83	195260	4.96	PPBV		100
60)	2,2,4-TRIMETHYLPENTANE	10.470	57	400902	5.14	PPBV		99
61)	1,4-DIOXANE	10.464	88	51871	5.04	PPBV	#	50
62)	HEPTANE	10.714	43	165196	5.04	PPBV		100
63)	METHYL METHACRYLATE	10.623	69	88309	5.11	PPBV		98
64)	METHYL ISOBUTYL KETONE	11.304	58	74408	5.22	PPBV		96
65)	cis-1,3-DICHLOROPROPENE	11.274	75	148240	5.11	PPBV		99
66)	TOLUENE	12.235	92	171449	4.90	PPBV		100
67)	1,3-DICHLOROPROPANE	12.259	76	147878	5.03	PPBV		99
68)	trans-1,3-DICHLOROPROPENE	11.778	75	135136	5.11	PPBV		99
69)	1,1,2-TRICHLOROETHANE	11.961	83	89402	4.94	PPBV		100
71)	2-HEXANONE	12.490	58	101109	5.95	PPBV		99
72)	ETHYL METHACRYLATE	12.490	69	153904	5.69	PPBV		99
73)	TETRACHLOROETHYLENE	13.384	164	121637	4.86	PPBV		99
74)	DIBROMOCHLOROMETHANE	12.667	129	200129	5.36	PPBV		100
75)	1,2-DIBROMOETHANE	12.916	107	159270	5.33	PPBV		99
76)	OCTANE	13.214	43	231673	5.39	PPBV		99
77)	1,1,1,2-TETRACHLOROETHANE	14.072	131	141536	5.30	PPBV		100
78)	CHLOROBENZENE	14.090	112	240891	5.27	PPBV		99
79)	ETHYLBENZENE	14.480	91	404910	5.07	PPBV		99
80)	m,p-XYLENE	14.674	106	309595	10.21	PPBV		100
81)	o-XYLENE	15.179	106	153331	5.27	PPBV		100
82)	STYRENE	15.064	104	227994	5.55	PPBV		100
83)	NONANE	15.410	43	251208	5.60	PPBV		99
84)	BROMOFORM	14.765	173	203030	5.48	PPBV		100
86)	1,1,2,2-TETRACHLOROETHANE	15.179	83	243032	5.47	PPBV		100
87)	1,2,3-TRICHLOROPROPANE	15.319	75	188378	5.42	PPBV		99
88)	ISOPROPYLBENZENE	15.836	105	467920	5.53	PPBV		99
89)	BROMOBENZENE	15.946	77	219065	5.46	PPBV		99
90)	2-CHLOROTOLUENE	16.390	126	118233	5.49	PPBV		100
91)	n-PROPYLBENZENE	16.426	120	127631	5.68	PPBV		100
92)	4-ETHYLTOLUENE	16.597	105	466324	5.89	PPBV		99
93)	1,3,5-TRIMETHYLBENZENE	16.688	105	394497	5.77	PPBV		100
94)	ALPHA-METHYLSTYRENE	16.870	118	199539	6.06	PPBV		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77572.D
Acq On : 3 Nov 2022 6:33 am
Operator : thomash
Sample : ic3055-5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:03 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:36:20 2022
Response via : Initial Calibration

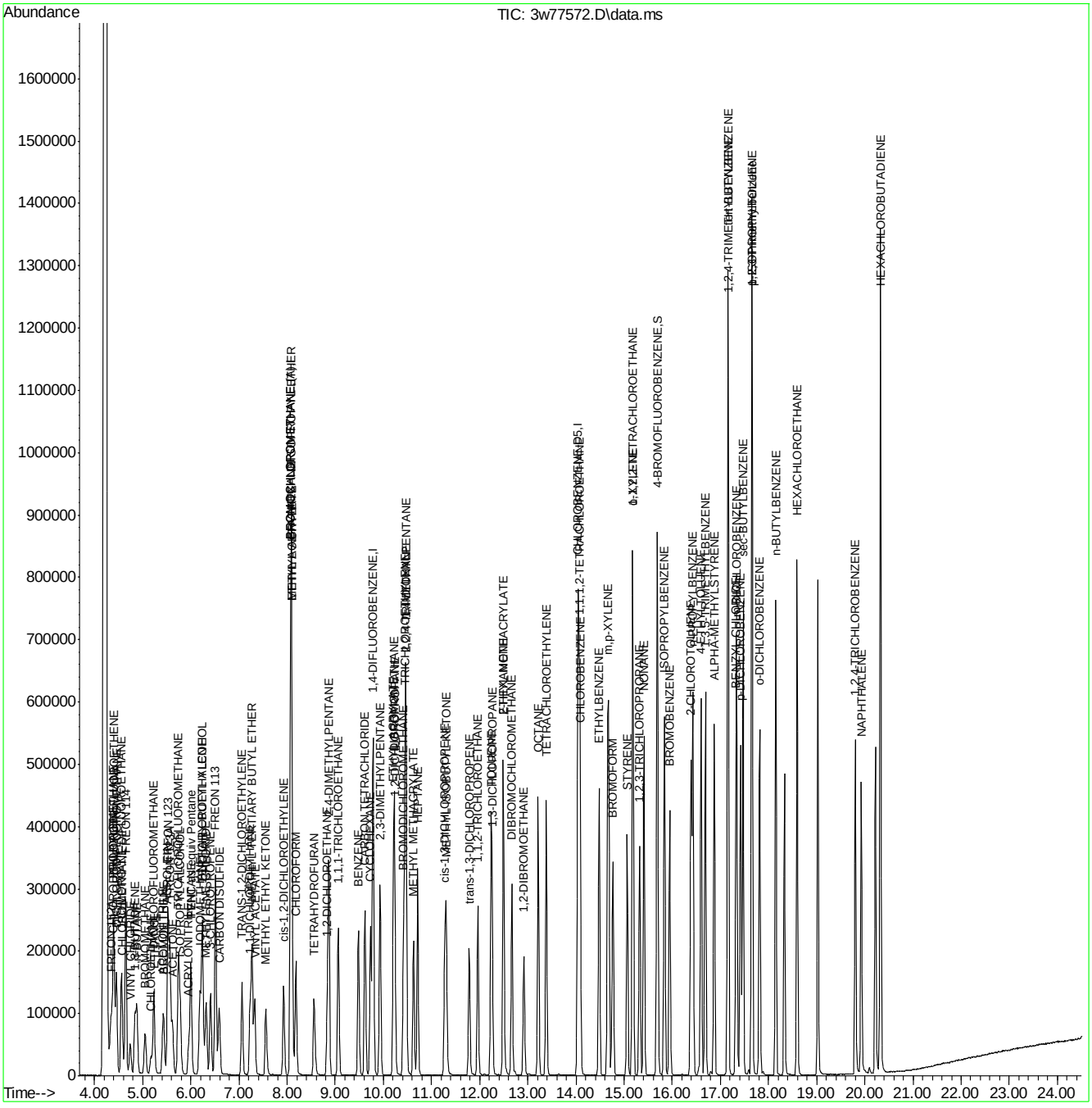
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) tert-BUTYLBENZENE	17.156	134	91678	5.88	PPBV	98
96) 1,2,4-TRIMETHYLBENZENE	17.162	105	408958	5.92	PPBV	99
97) m-DICHLOROBENZENE	17.339	146	262866	5.87	PPBV	99
98) BENZYL CHLORIDE	17.321	91	285124	5.97	PPBV	99
99) p-DICHLOROBENZENE	17.418	146	253840	5.86	PPBV	99
100) sec-BUTYLBENZENE	17.473	134	118695	5.86	PPBV	97
101) 1,2,3-Trimethylbenzene	17.655	105	417191	5.86	PPBV	99
102) p-ISOPROPYLTOLUENE	17.655	134	132640m	6.42	PPBV	
103) o-DICHLOROBENZENE	17.813	146	262142	5.87	PPBV	100
104) n-BUTYLBENZENE	18.148	134	122018	6.01	PPBV	99
105) HEXACHLOROETHANE	18.592	117	185316	5.76	PPBV	99
106) HEXACHLOROBUTADIENE	20.326	225	261264	5.66	PPBV	100
107) 1,2,4-TRICHLOROBENZENE	19.803	180	190363	6.27	PPBV	99
108) NAPHTHALENE	19.924	128	405905	6.45	PPBV	100
110) TVHC as equiv Pentane	5.999	TIC	572913	5.12	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77572.D
Acq On : 3 Nov 2022 6:33 am
Operator : thomash
Sample : ic3055-5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:03 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:36:20 2022
Response via : Initial Calibration



M3W3055.M Mon Nov 07 18:46:01 2022 Page: 4

Manual Integration Approval Summary

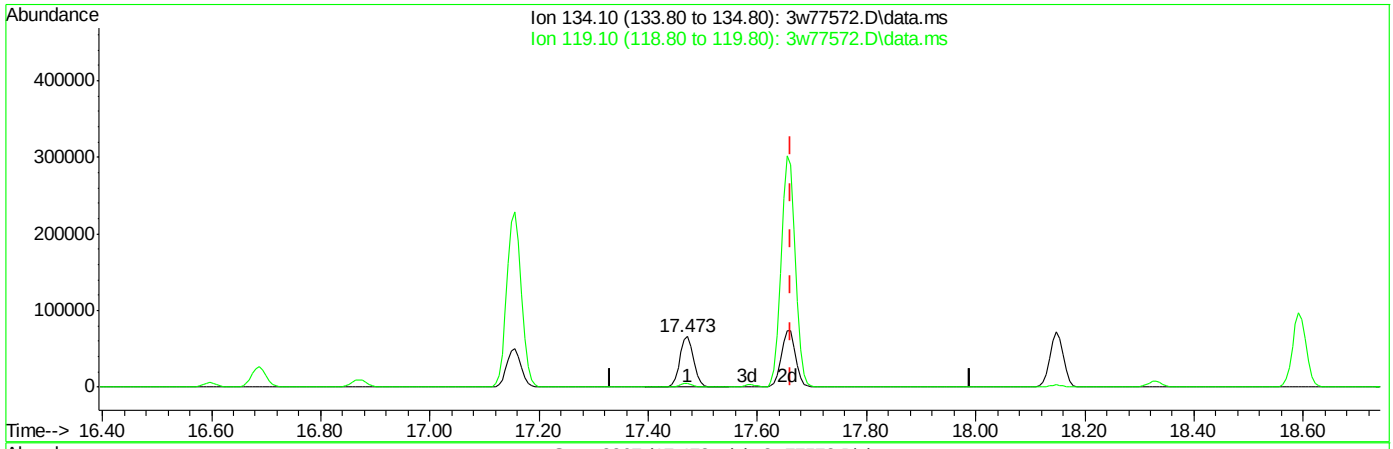
Sample Number: V3W3055-IC3055
Lab FileID: 3W77572.D
Injection Time: 11/03/22 06:33
Method: TO-15
Analyst approved: 11/07/22 15:15 Thomas Hilbig
Supervisor approved: 11/07/22 15:57 Kanya Veerawat

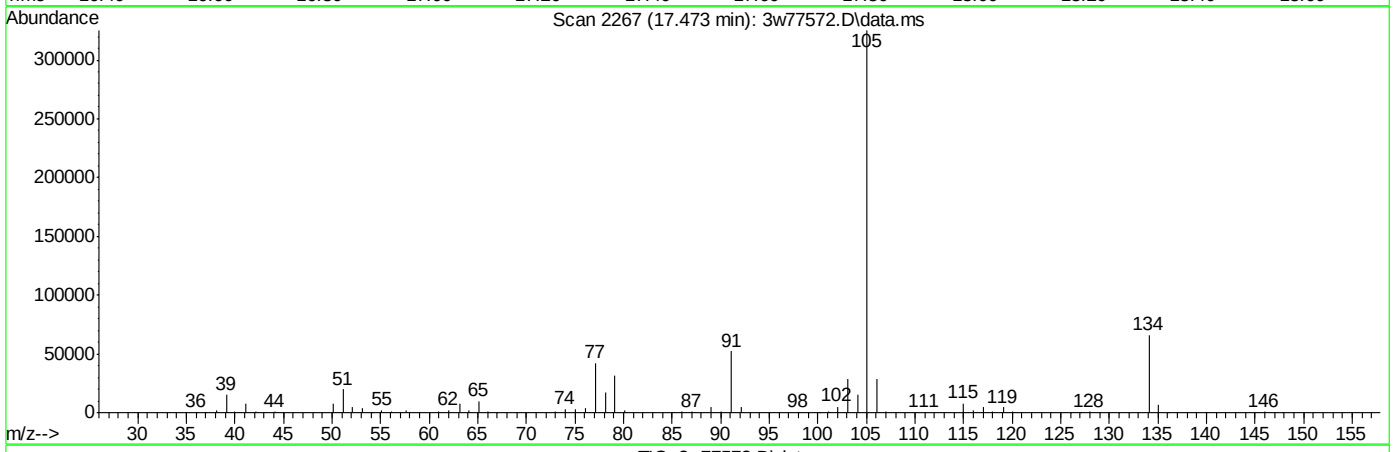
Parameter	CAS	Sig#	R.T. (min.)	Reason
p-Isopropyltoluene	99-87-6		17.66	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77572.D
Acq On : 3 Nov 2022 6:33 am
Operator : thomash
Sample : ic3055-5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:36:55 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:36:20 2022
Response via : Initial Calibration





TIC: 3w77572.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.473min (-0.188) 5.75PPBV

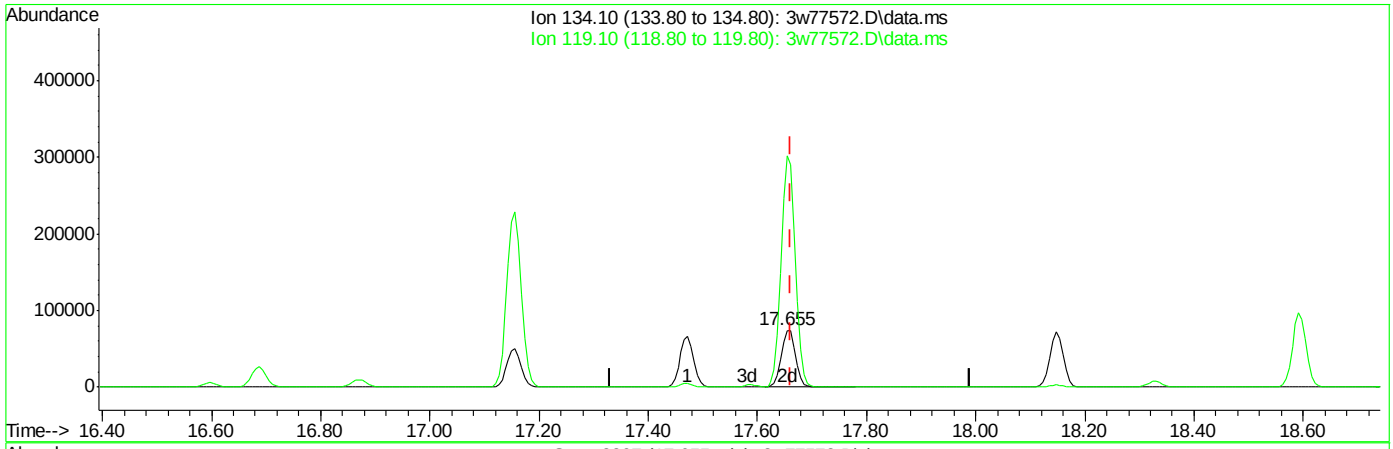
response 118695

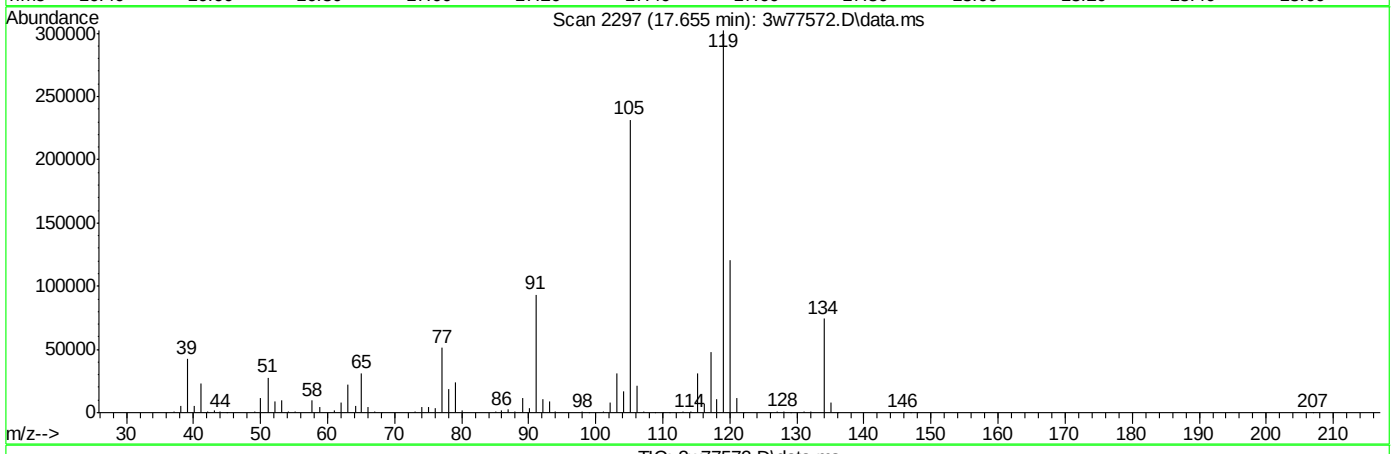
Ion	Exp%	Act%
134.10	100	100
119.10	6.30	7.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77572.D
Acq On : 3 Nov 2022 6:33 am
Operator : thomash
Sample : ic3055-5
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:36:55 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:36:20 2022
Response via : Initial Calibration





TIC: 3w77572.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.655min (-0.006) 6.42PPBV m

response 132640

Ion	Exp%	Act%
134.10	100	100
119.10	6.30	6.49
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 15:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77573.D
Acq On : 3 Nov 2022 7:12 am
Operator : thomash
Sample : icc3055-10
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:27 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Tue Jul 26 10:11:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.079	128	107600	10.00	PPBV	#	0.00
51) 1,4-DIFLUOROBENZENE	9.783	114	529742	10.00	PPBV		0.00
70) CHLOROBENZENE-D5	14.041	82	292330	10.00	PPBV		0.00
109) BROMOCHLOROMETHANE (A)	8.079	128	107600	10.00	PPBV	#	0.00
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.690	95	359799	10.87	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 108.70%				
Target Compounds							Qvalue
3) FREON 152A	4.338	65	93044	9.64	PPBV		97
4) CHLORODIFLUOROMETHANE	4.369	67	49365	10.94	PPBV		98
5) CHLOROTRIFLUOROETHENE	4.405	116	210912	9.80	PPBV	#	99
6) DICHLORODIFLUOROMETHANE	4.454	85	510585	10.30	PPBV		99
7) PROPYLENE	4.399	41	145914	8.71	PPBV		98
8) 1-CHLORO-1,1-DIFLUOROE...	4.557	65	360131	10.49	PPBV		97
9) FREON 114	4.648	85	410767	10.48	PPBV		95
10) CHLOROMETHANE	4.575	52	43991	9.36	PPBV	#	89
11) VINYL CHLORIDE	4.740	62	147195	10.20	PPBV		99
12) 1,3-BUTADIENE	4.843	54	110010	9.04	PPBV		89
13) n-BUTANE	4.880	43	252630	9.15	PPBV		97
14) BROMOMETHANE	5.050	94	128750	9.16	PPBV		99
15) CHLOROETHANE	5.172	64	62008	8.48	PPBV		99
16) DICHLOROFLUOROMETHANE	5.226	67	316027	9.25	PPBV		100
17) ACETONITRILE	5.421	41	138413	9.14	PPBV		95
18) ACROLEIN	5.512	56	62858	15.77	PPBV		99
19) FREON 123	5.524	83	358473	9.69	PPBV		99
20) FREON 123A	5.567	117	199882	9.71	PPBV		85
21) TRICHLOROFLUOROMETHANE	5.743	101	429894	9.94	PPBV		100
22) ISOPROPYL ALCOHOL	5.780	45	333146	8.48	PPBV		99
23) ACETONE	5.616	58	71189	6.62	PPBV		99
24) PENTANE	5.999	42	184895	8.42	PPBV		98
25) IODOMETHANE	6.188	142	423190	9.34	PPBV		99
26) 1,1-DICHLOROETHYLENE	6.230	96	148606	9.16	PPBV		97
27) CARBON DISULFIDE	6.589	76	447616	9.55	PPBV		97
28) ETHANOL	5.238	45	66516	7.87	PPBV		99
29) BROMOETHENE	5.433	106	135161	9.73	PPBV		98
30) ACRYLONITRILE	5.956	52	97363	9.51	PPBV		99
31) METHYLENE CHLORIDE	6.315	84	135929	8.76	PPBV		96
32) 3-CHLOROPROPENE	6.413	76	73879	9.42	PPBV	#	89
33) FREON 113	6.510	151	271660	9.25	PPBV		96
34) TRANS-1,2-DICHLOROETHY...	7.064	96	154524	9.06	PPBV		98
35) TERTIARY BUTYL ALCOHOL	6.242	59	358560	9.14	PPBV		96
36) METHYL TERTIARY BUTYL ...	7.270	73	457259	8.83	PPBV		96
37) TETRAHYDROFURAN	8.554	72	75369	9.55	PPBV	#	90
38) HEXANE	8.092	57	248689	8.88	PPBV		94
39) VINYL ACETATE	7.325	86	34229	9.39	PPBV	#	80
40) 1,1-DICHLOROETHANE	7.234	63	289723	9.21	PPBV		99
41) METHYL ETHYL KETONE	7.556	72	75906	9.92	PPBV	#	92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77573.D
Acq On : 3 Nov 2022 7:12 am
Operator : thomash
Sample : icc3055-10
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:27 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Tue Jul 26 10:11:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) cis-1,2-DICHLOROETHYLENE	7.927	96	159532	9.01	PPBV		97
43) DIISOPROPYL ETHER	8.079	59	75991	9.41	PPBV	#	91
44) ETHYL ACETATE	8.098	61	53283	9.73	PPBV	#	81
45) METHYL ACRYLATE	8.092	55	305769	9.23	PPBV		99
46) CHLOROFORM	8.183	83	350967	9.21	PPBV		98
47) 2,4-DIMETHYLPENTANE	8.864	57	285395	8.51	PPBV		99
48) 1,1,1-TRICHLOROETHANE	9.065	97	372251	9.33	PPBV		98
49) CARBON TETRACHLORIDE	9.619	117	400187	9.38	PPBV		99
50) 1,2-DICHLOROETHANE	8.834	62	241947	9.77	PPBV		99
52) BENZENE	9.485	78	484156	9.68	PPBV		99
53) CYCLOHEXANE	9.734	84	203488	9.16	PPBV		98
54) 2,3-DIMETHYLPENTANE	9.935	71	109068	10.14	PPBV		98
55) TRICHLOROETHYLENE	10.452	95	231288	9.62	PPBV		98
56) 1,2-DICHLOROPROPANE	10.233	63	194074	9.98	PPBV		95
57) DIBROMOMETHANE	10.215	174	208747	9.46	PPBV		92
58) ETHYL ACRYLATE	10.209	55	386239	10.20	PPBV		99
59) BROMODICHLOROMETHANE	10.422	83	400153	10.34	PPBV		100
60) 2,2,4-TRIMETHYLPENTANE	10.470	57	803608	9.51	PPBV		99
61) 1,4-DIOXANE	10.458	88	107497	9.73	PPBV	#	55
62) HEPTANE	10.714	43	334769	9.13	PPBV		95
63) METHYL METHACRYLATE	10.622	69	183454	10.32	PPBV		92
64) METHYL ISOBUTYL KETONE	11.304	58	154462	10.73	PPBV		92
65) cis-1,3-DICHLOROPROPENE	11.273	75	304910	10.26	PPBV		94
66) TOLUENE	12.235	92	352276	9.85	PPBV		98
67) 1,3-DICHLOROPROPANE	12.259	76	300123	10.33	PPBV		100
68) trans-1,3-DICHLOROPROPENE	11.784	75	281692	10.17	PPBV		96
69) 1,1,2-TRICHLOROETHANE	11.961	83	182942	10.09	PPBV		97
71) 2-HEXANONE	12.490	58	209952	12.72	PPBV		93
72) ETHYL METHACRYLATE	12.490	69	321816	9.98	PPBV		94
73) TETRACHLOROETHYLENE	13.384	164	257582	8.31	PPBV		99
74) DIBROMOCHLOROMETHANE	12.673	129	418031	9.52	PPBV		100
75) 1,2-DIBROMOETHANE	12.916	107	329767	9.29	PPBV		100
76) OCTANE	13.214	43	472928	8.23	PPBV		93
77) 1,1,1,2-TETRACHLOROETHANE	14.072	131	294342	9.36	PPBV		99
78) CHLOROBENZENE	14.090	112	499481	9.20	PPBV		99
79) ETHYLBENZENE	14.479	91	828900	9.32	PPBV		99
80) m,p-XYLENE	14.674	106	635710	18.59	PPBV		99
81) o-XYLENE	15.185	106	312658	9.51	PPBV		99
82) STYRENE	15.063	104	479558	9.37	PPBV		100
83) NONANE	15.410	43	507726	8.46	PPBV		98
84) BROMOFORM	14.765	173	434750	10.15	PPBV		99
86) 1,1,2,2-TETRACHLOROETHANE	15.179	83	495504	9.69	PPBV		99
87) 1,2,3-TRICHLOROPROPANE	15.319	75	382026	9.56	PPBV		94
88) ISOPROPYLBENZENE	15.842	105	948803	8.71	PPBV		99
89) BROMOBENZENE	15.946	77	447907	9.41	PPBV		95
90) 2-CHLOROTOLUENE	16.390	126	242729	9.47	PPBV		100
91) n-PROPYLBENZENE	16.426	120	261153	9.29	PPBV		100
92) 4-ETHYLTOLUENE	16.596	105	948472	9.59	PPBV		100
93) 1,3,5-TRIMETHYLBENZENE	16.688	105	795150	9.44	PPBV		99
94) ALPHA-METHYLSTYRENE	16.870	118	408040	10.59	PPBV		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77573.D
Acq On : 3 Nov 2022 7:12 am
Operator : thomash
Sample : icc3055-10
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:27 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Tue Jul 26 10:11:19 2022
Response via : Initial Calibration

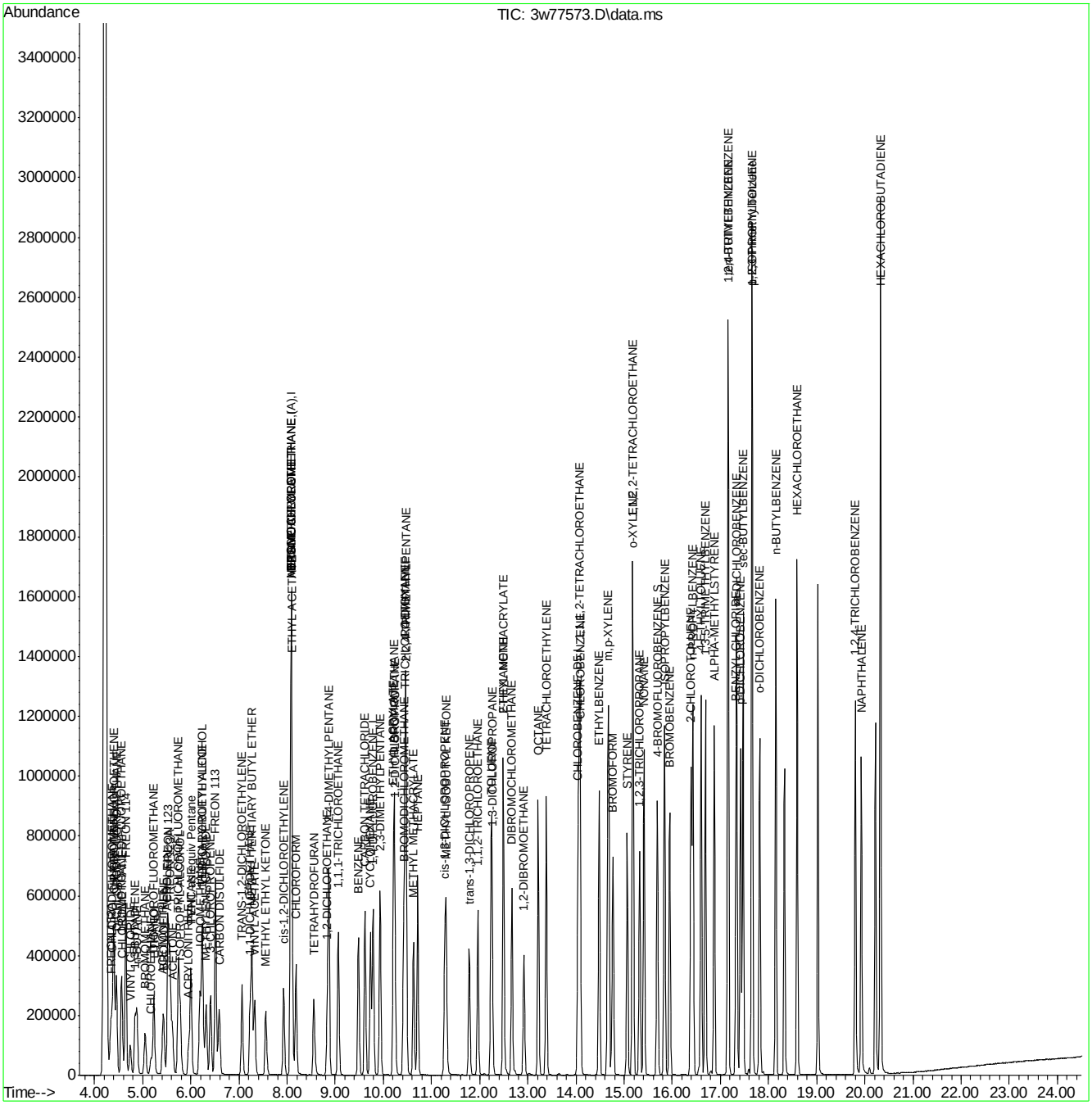
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
95) tert-BUTYLBENZENE	17.156	134	186740	9.84	PPBV		97
96) 1,2,4-TRIMETHYLBENZENE	17.162	105	834741	9.97	PPBV		94
97) m-DICHLOROBENZENE	17.339	146	538402	9.72	PPBV		100
98) BENZYL CHLORIDE	17.320	91	618219	9.22	PPBV		99
99) p-DICHLOROBENZENE	17.418	146	523920	9.50	PPBV		100
100) sec-BUTYLBENZENE	17.473	134	238941	9.59	PPBV		97
101) 1,2,3-Trimethylbenzene	17.655	105	864140	10.02	PPBV		100
102) p-ISOPROPYLTOLUENE	17.661	134	272694m	10.12	PPBV		
103) o-DICHLOROBENZENE	17.813	146	533299	9.64	PPBV		99
104) n-BUTYLBENZENE	18.148	134	251917	10.10	PPBV	#	1
105) HEXACHLOROETHANE	18.592	117	380188	10.24	PPBV		95
106) HEXACHLOROBUTADIENE	20.326	225	556698	10.17	PPBV		100
107) 1,2,4-TRICHLOROBENZENE	19.803	180	437803	10.99	PPBV		98
108) NAPHTHALENE	19.924	128	918924	10.32	PPBV		99
110) TVHC as equiv Pentane	5.999	TIC	1136085	51.73	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77573.D
Acq On : 3 Nov 2022 7:12 am
Operator : thomash
Sample : icc3055-10
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:27 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Tue Jul 26 10:11:19 2022
Response via : Initial Calibration



M3W3055.M Mon Nov 07 18:43:23 2022 Page: 4

Manual Integration Approval Summary

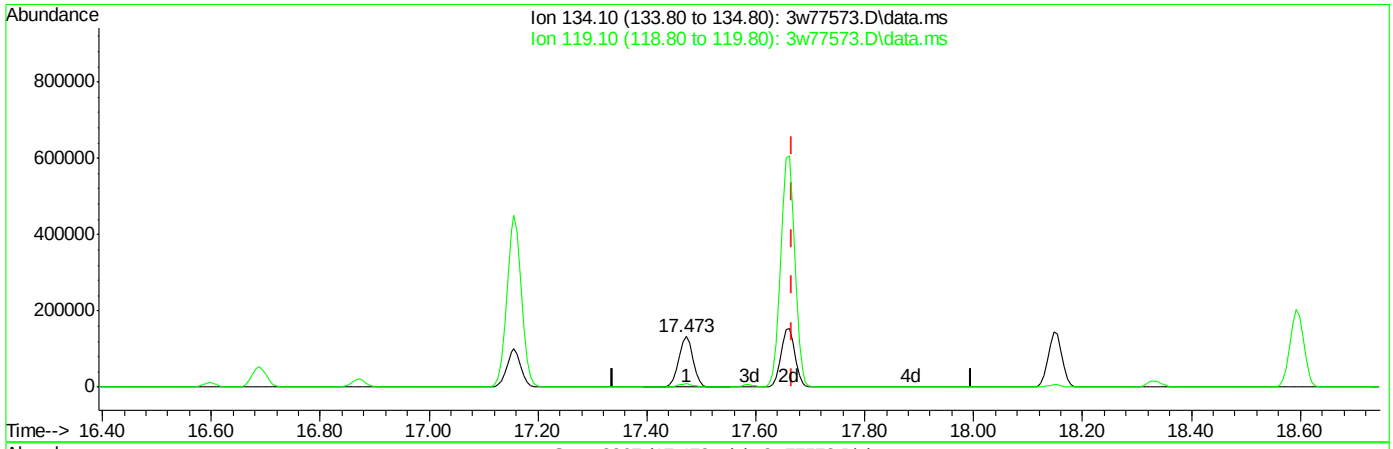
Sample Number:	V3W3055-ICC3055	**Method:**	TO-15
Lab FileID:	3W77573.D	**Analyst approved:**	11/07/22 15:15 Thomas Hilbig
Injection Time:	11/03/22 07:12	**Supervisor approved:**	11/07/22 15:57 Kanya Veerawat

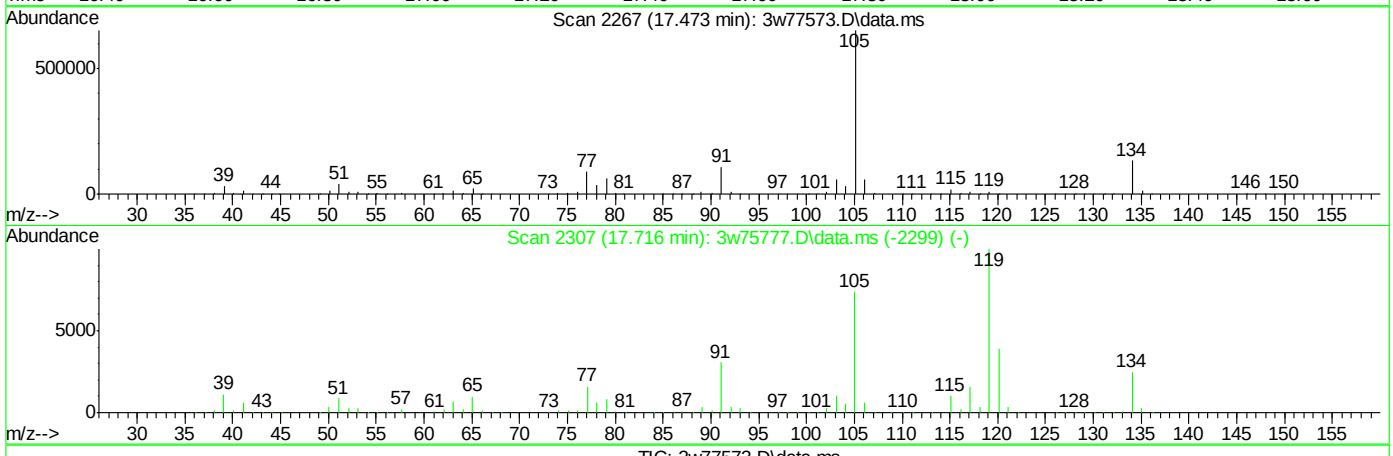
Parameter	CAS	Sig#	R.T. (min.)	Reason
p-Isopropyltoluene	99-87-6		17.66	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77573.D
Acq On : 3 Nov 2022 7:12 am
Operator : thomash
Sample : icc3055-10
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 05 19:51:09 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Tue Jul 26 10:11:19 2022
Response via : Initial Calibration





TIC: 3w77573.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.473min (-0.194) 8.87PPBV

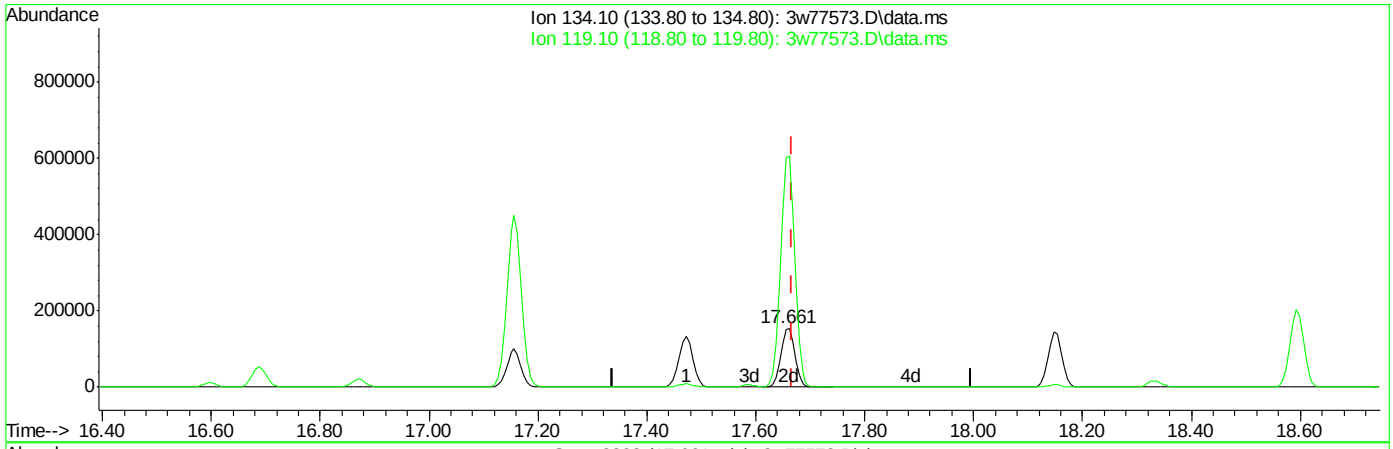
response 238941

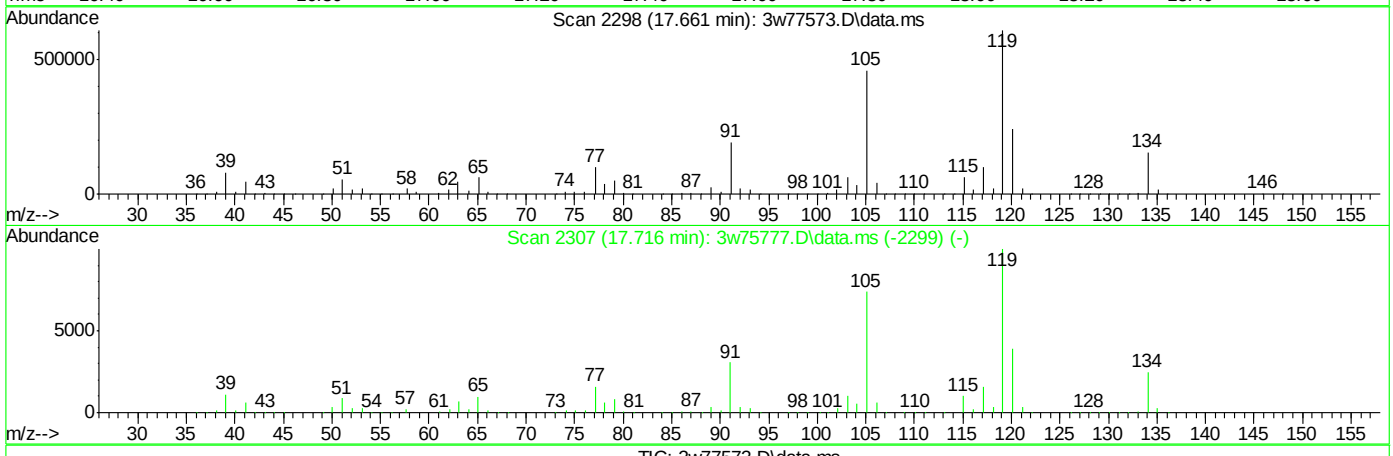
Ion	Exp%	Act%
134.10	100	100
119.10	3.90	7.20
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77573.D
Acq On : 3 Nov 2022 7:12 am
Operator : thomash
Sample : icc3055-10
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 05 19:51:09 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Tue Jul 26 10:11:19 2022
Response via : Initial Calibration





TIC: 3w77573.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.661min (-0.006) 10.12PPBV m

response 272694

Ion	Exp%	Act%
134.10	100	100
119.10	3.90	6.31
0.00	0.00	0.00
0.00	0.00	0.00

3W77574.D

Manual Integrations APPROVED (compounds with "m" flag)

Kanya Veerawat 11/07/22 15:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77574.D
Acq On : 3 Nov 2022 7:54 am
Operator : thomash
Sample : ic3055-20
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:54 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:43:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.080	128	110239	10.00	PPBV		0.00
51) 1,4-DIFLUOROBENZENE	9.789	114	544323	10.00	PPBV		0.00
70) CHLOROBENZENE-D5	14.048	82	326794	10.00	PPBV		0.00
109) BROMOCHLOROMETHANE (A)	8.080	128	110239	10.00	PPBV		0.00
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.690	95	372893	9.77	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 97.70%				
Target Compounds							Qvalue
3) FREON 152A	4.338	65	187070	10.93	PPBV		100
4) CHLORODIFLUOROMETHANE	4.369	67	99664	19.72	PPBV		99
5) CHLOROTRIFLUOROETHENE	4.399	116	423679	18.96	PPBV	#	100
6) DICHLORODIFLUOROMETHANE	4.454	85	1017352	19.05	PPBV		99
7) PROPYLENE	4.399	41	294493	18.69	PPBV		100
8) 1-CHLORO-1,1-DIFLUOROE...	4.557	65	709731	18.63	PPBV		100
9) FREON 114	4.648	85	806779	18.64	PPBV		100
10) CHLOROMETHANE	4.575	52	87202	19.26	PPBV	#	77
11) VINYL CHLORIDE	4.740	62	287583	18.46	PPBV		100
12) 1,3-BUTADIENE	4.837	54	217794	18.48	PPBV		99
13) n-BUTANE	4.880	43	490576	17.48	PPBV		100
14) BROMOMETHANE	5.050	94	247733	16.70	PPBV		100
15) CHLOROETHANE	5.172	64	125575	18.63	PPBV		85
16) DICHLOROFLUOROMETHANE	5.226	67	625916	18.43	PPBV		100
17) ACETONITRILE	5.415	41	265720	15.96	PPBV		96
18) ACROLEIN	5.512	56	124671	21.00	PPBV		99
19) FREON 123	5.524	83	707118	18.66	PPBV		100
20) FREON 123A	5.567	117	393252	18.67	PPBV		100
21) TRICHLOROFLUOROMETHANE	5.743	101	849753	18.43	PPBV		100
22) ISOPROPYL ALCOHOL	5.786	45	654995	18.36	PPBV		100
23) ACETONE	5.610	58	139213	16.60	PPBV		99
24) PENTANE	5.999	42	363675	18.29	PPBV		99
25) IODOMETHANE	6.188	142	848877	19.23	PPBV		99
26) 1,1-DICHLOROETHYLENE	6.230	96	298172	18.60	PPBV		99
27) CARBON DISULFIDE	6.589	76	880400	18.46	PPBV		99
28) ETHANOL	5.245	45	131031	14.87	PPBV		99
29) BROMOETHENE	5.433	106	261649	18.65	PPBV		100
30) ACRYLONITRILE	5.956	52	192595	20.19	PPBV		100
31) METHYLENE CHLORIDE	6.315	84	266548	15.33	PPBV		100
32) 3-CHLOROPROPENE	6.413	76	147876	19.28	PPBV		98
33) FREON 113	6.510	151	548159	18.99	PPBV		99
34) TRANS-1,2-DICHLOROETHY...	7.064	96	310826	19.00	PPBV		99
35) TERTIARY BUTYL ALCOHOL	6.248	59	712789	18.96	PPBV		99
36) METHYL TERTIARY BUTYL ...	7.270	73	919615	18.71	PPBV		99
37) TETRAHYDROFURAN	8.548	72	152698	19.76	PPBV		99
38) HEXANE	8.092	57	495409	19.05	PPBV		99
39) VINYL ACETATE	7.331	86	71363	20.60	PPBV	#	93
40) 1,1-DICHLOROETHANE	7.234	63	576664	18.58	PPBV		100
41) METHYL ETHYL KETONE	7.556	72	152625	19.65	PPBV	#	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77574.D
Acq On : 3 Nov 2022 7:54 am
Operator : thomash
Sample : ic3055-20
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:54 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:43:54 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42)	cis-1,2-DICHLOROETHYLENE	7.934	96	326091	19.27	PPBV		98
43)	DIISOPROPYL ETHER	8.080	59	153568	19.29	PPBV		97
44)	ETHYL ACETATE	8.098	61	107589	19.57	PPBV	#	96
45)	METHYL ACRYLATE	8.098	55	616292	19.81	PPBV		99
46)	CHLOROFORM	8.189	83	700668	18.63	PPBV		100
47)	2,4-DIMETHYLPENTANE	8.864	57	573853	19.11	PPBV		100
48)	1,1,1-TRICHLOROETHANE	9.065	97	753717	18.98	PPBV		100
49)	CARBON TETRACHLORIDE	9.619	117	818018	19.25	PPBV		99
50)	1,2-DICHLOROETHANE	8.840	62	488324	19.08	PPBV		99
52)	BENZENE	9.485	78	966885	18.78	PPBV		100
53)	CYCLOHEXANE	9.734	84	407655	17.73	PPBV		97
54)	2,3-DIMETHYLPENTANE	9.935	71	218039	19.19	PPBV		100
55)	TRICHLOROETHYLENE	10.458	95	470826	19.50	PPBV		99
56)	1,2-DICHLOROPROPANE	10.239	63	392187	19.12	PPBV		99
57)	DIBROMOMETHANE	10.221	174	431726	19.72	PPBV		99
58)	ETHYL ACRYLATE	10.209	55	801194	20.85	PPBV		100
59)	BROMODICHLOROMETHANE	10.422	83	818167	19.59	PPBV		100
60)	2,2,4-TRIMETHYLPENTANE	10.470	57	1626022	19.62	PPBV		100
61)	1,4-DIOXANE	10.458	88	223301	20.44	PPBV	#	79
62)	HEPTANE	10.714	43	669966	19.25	PPBV		100
63)	METHYL METHACRYLATE	10.629	69	373415	20.34	PPBV		100
64)	METHYL ISOBUTYL KETONE	11.304	58	316397	20.92	PPBV		99
65)	cis-1,3-DICHLOROPROPENE	11.273	75	628069	20.38	PPBV		100
66)	TOLUENE	12.241	92	718157	19.32	PPBV		99
67)	1,3-DICHLOROPROPANE	12.265	76	609052	19.52	PPBV		100
68)	trans-1,3-DICHLOROPROPENE	11.784	75	580740	20.68	PPBV		100
69)	1,1,2-TRICHLOROETHANE	11.961	83	371505	19.33	PPBV		100
71)	2-HEXANONE	12.490	58	431956	21.12	PPBV		99
72)	ETHYL METHACRYLATE	12.496	69	656866	20.20	PPBV		100
73)	TETRACHLOROETHYLENE	13.384	164	533935	17.73	PPBV		100
74)	DIBROMOCHLOROMETHANE	12.673	129	861365	19.16	PPBV		100
75)	1,2-DIBROMOETHANE	12.922	107	676039	18.81	PPBV		100
76)	OCTANE	13.214	43	955331	18.47	PPBV		100
77)	1,1,1,2-TETRACHLOROETHANE	14.072	131	605963	18.85	PPBV		99
78)	CHLOROBENZENE	14.090	112	1016163	18.48	PPBV		99
79)	ETHYLBENZENE	14.486	91	1668652	17.35	PPBV		99
80)	m,p-XYLENE	14.674	106	1291898	35.42	PPBV		99
81)	o-XYLENE	15.185	106	635339	18.15	PPBV		100
82)	STYRENE	15.070	104	975586	19.73	PPBV		99
83)	NONANE	15.416	43	1023016	18.97	PPBV		100
84)	BROMOFORM	14.772	173	907411	20.36	PPBV		99
86)	1,1,2,2-TETRACHLOROETHANE	15.179	83	1008044	18.87	PPBV		100
87)	1,2,3-TRICHLOROPROPANE	15.325	75	768602	18.39	PPBV		99
88)	ISOPROPYLBENZENE	15.842	105	1893310	18.62	PPBV		99
89)	BROMOBENZENE	15.946	77	923261	19.12	PPBV		100
90)	2-CHLOROTOLUENE	16.390	126	493246	19.04	PPBV		100
91)	n-PROPYLBENZENE	16.432	120	531449	19.67	PPBV		99
92)	4-ETHYLTOLUENE	16.603	105	1906272	20.03	PPBV		99
93)	1,3,5-TRIMETHYLBENZENE	16.688	105	1615248	19.63	PPBV		100
94)	ALPHA-METHYLSTYRENE	16.876	118	832279	21.00	PPBV		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77574.D
Acq On : 3 Nov 2022 7:54 am
Operator : thomash
Sample : ic3055-20
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:54 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:43:54 2022
Response via : Initial Calibration

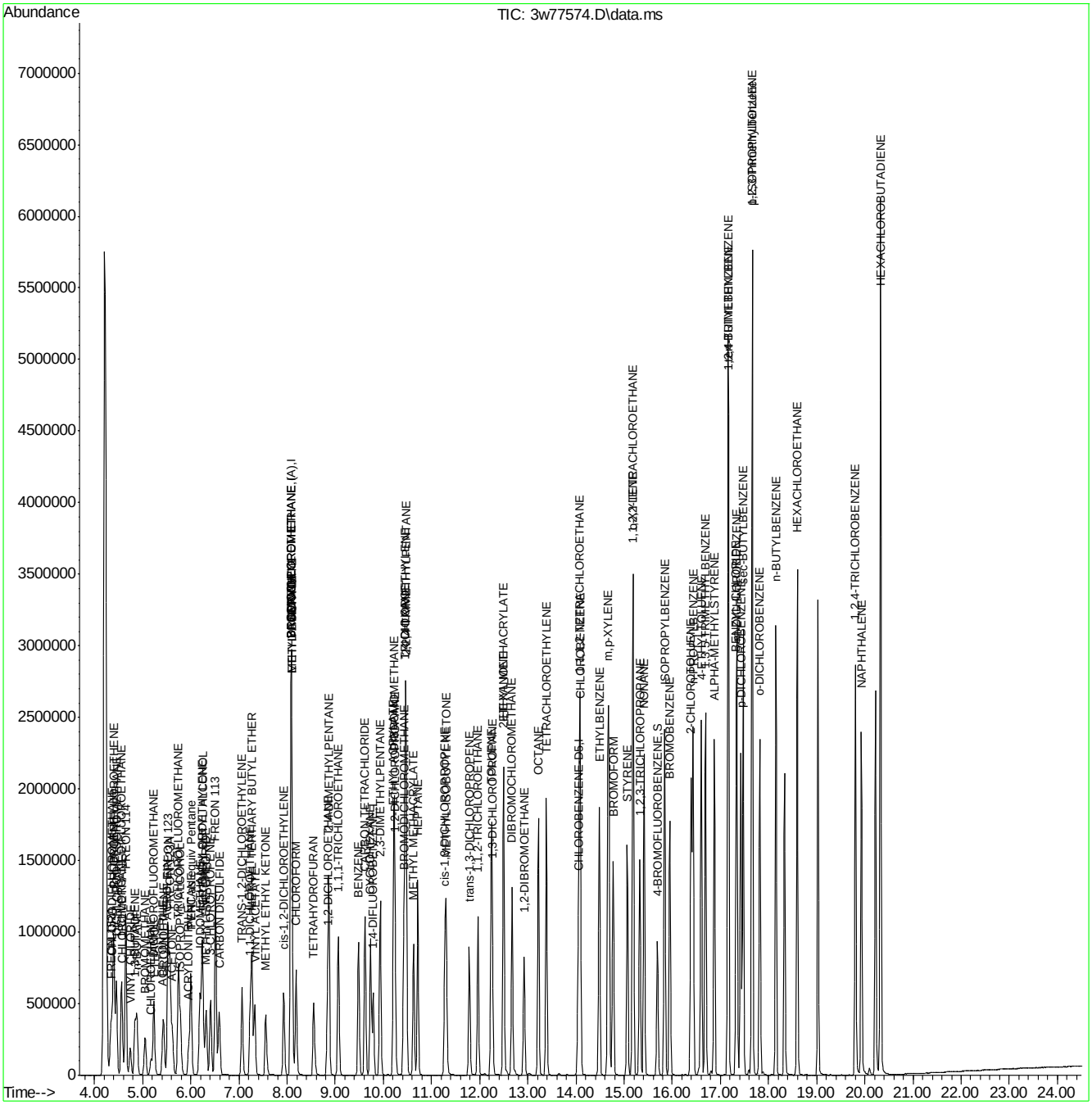
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	tert-BUTYLBENZENE	17.156	134	374938	19.98	PPBV	98
96)	1,2,4-TRIMETHYLBENZENE	17.168	105	1683177	20.25	PPBV	99
97)	m-DICHLOROBENZENE	17.345	146	1088906	20.20	PPBV	99
98)	BENZYL CHLORIDE	17.327	91	1314523	22.87	PPBV	100
99)	p-DICHLOROBENZENE	17.424	146	1075416	20.64	PPBV	99
100)	sec-BUTYLBENZENE	17.473	134	482288	19.79	PPBV	96
101)	1,2,3-Trimethylbenzene	17.661	105	1736301	20.27	PPBV	99
102)	p-ISOPROPYLTOLUENE	17.661	134	546655m	20.83	PPBV	
103)	o-DICHLOROBENZENE	17.819	146	1082373	20.15	PPBV	99
104)	n-BUTYLBENZENE	18.154	134	516168	21.14	PPBV	97
105)	HEXACHLOROETHANE	18.592	117	777359	20.10	PPBV	99
106)	HEXACHLOROBUTADIENE	20.326	225	1185894	21.34	PPBV	99
107)	1,2,4-TRICHLOROBENZENE	19.803	180	992408	29.85	PPBV	99
108)	NAPHTHALENE	19.930	128	2006643	29.06	PPBV	99
110)	TVHC as equiv Pentane	5.999	TIC	2244043	18.78	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77574.D
Acq On : 3 Nov 2022 7:54 am
Operator : thomash
Sample : ic3055-20
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:03:54 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:43:54 2022
Response via : Initial Calibration



Manual Integration Approval Summary

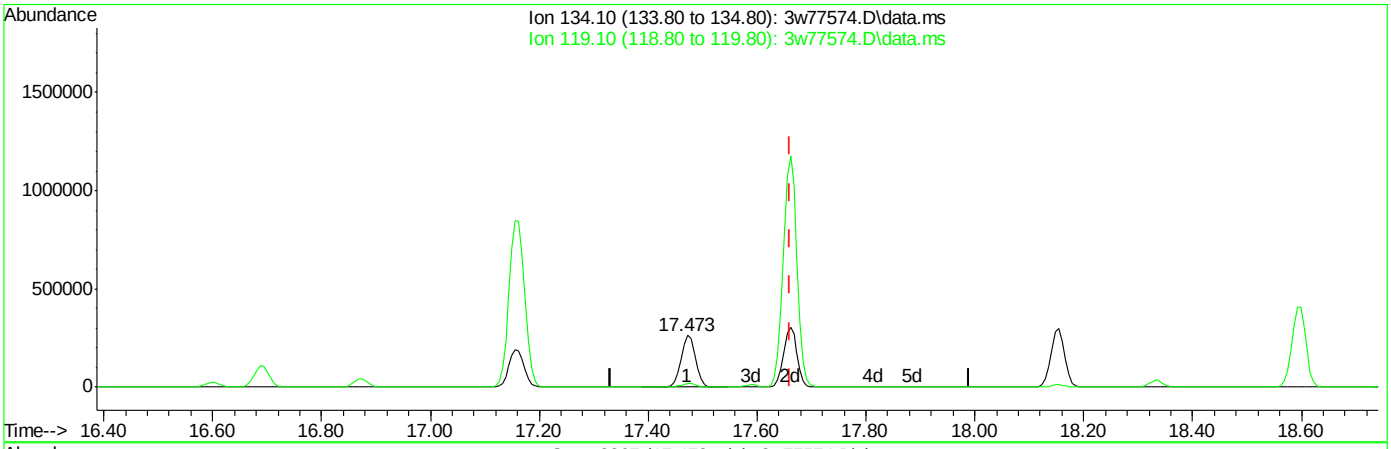
Sample Number: V3W3055-IC3055
Lab FileID: 3W77574.D
Injection Time: 11/03/22 07:54
Method: TO-15
Analyst approved: 11/07/22 15:15 Thomas Hilbig
Supervisor approved: 11/07/22 15:57 Kanya Veerawat

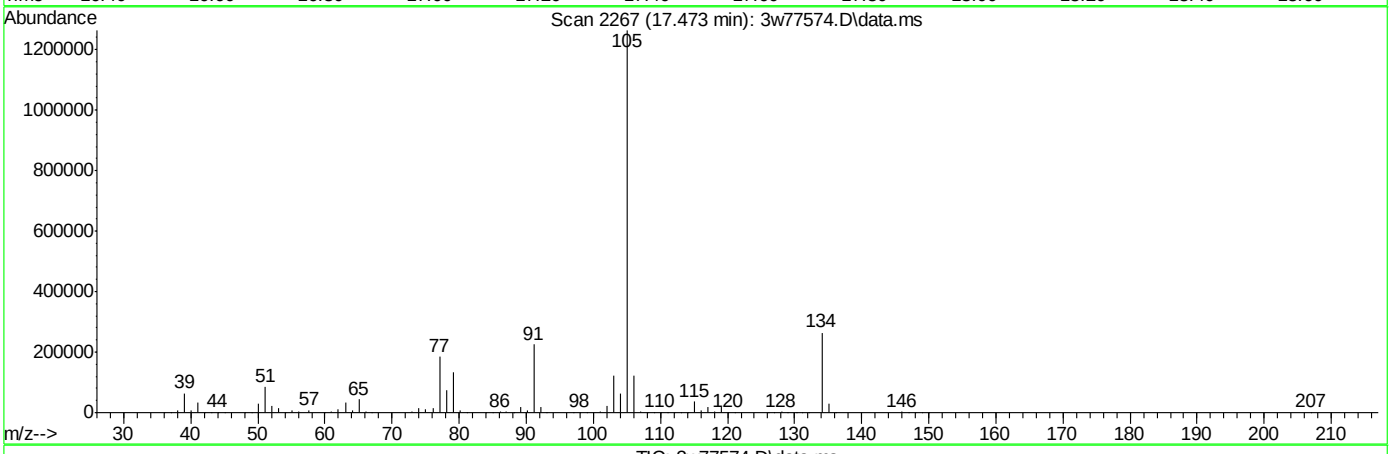
Parameter	CAS	Sig#	R.T. (min.)	Reason
p-Isopropyltoluene	99-87-6		17.66	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77574.D
Acq On : 3 Nov 2022 7:54 am
Operator : thomash
Sample : ic3055-20
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:44:11 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:43:54 2022
Response via : Initial Calibration





TIC: 3w77574.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.473min (-0.189) 18.38PPBV

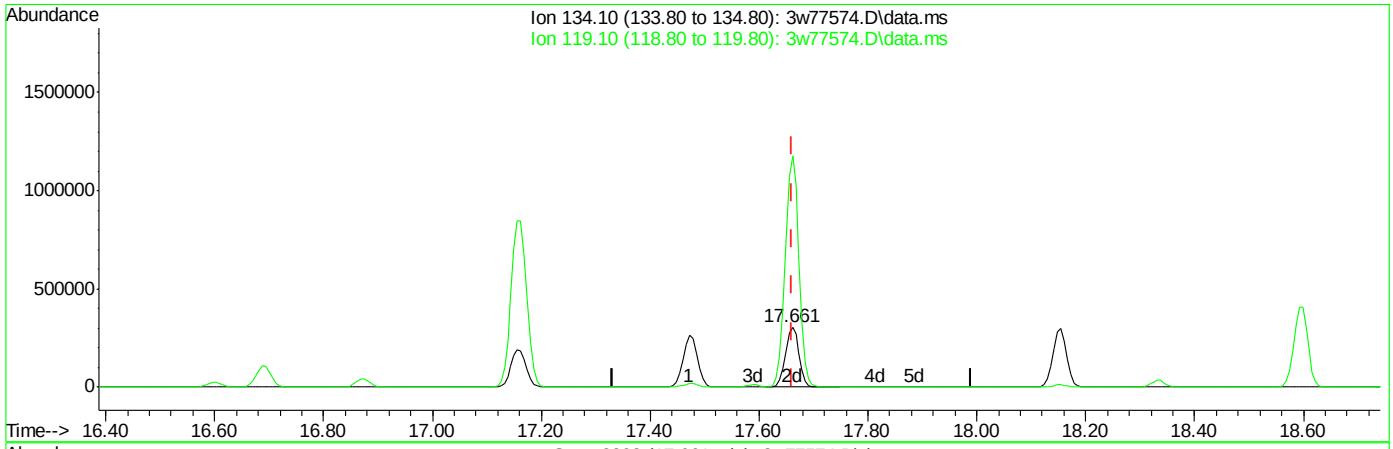
response 482288

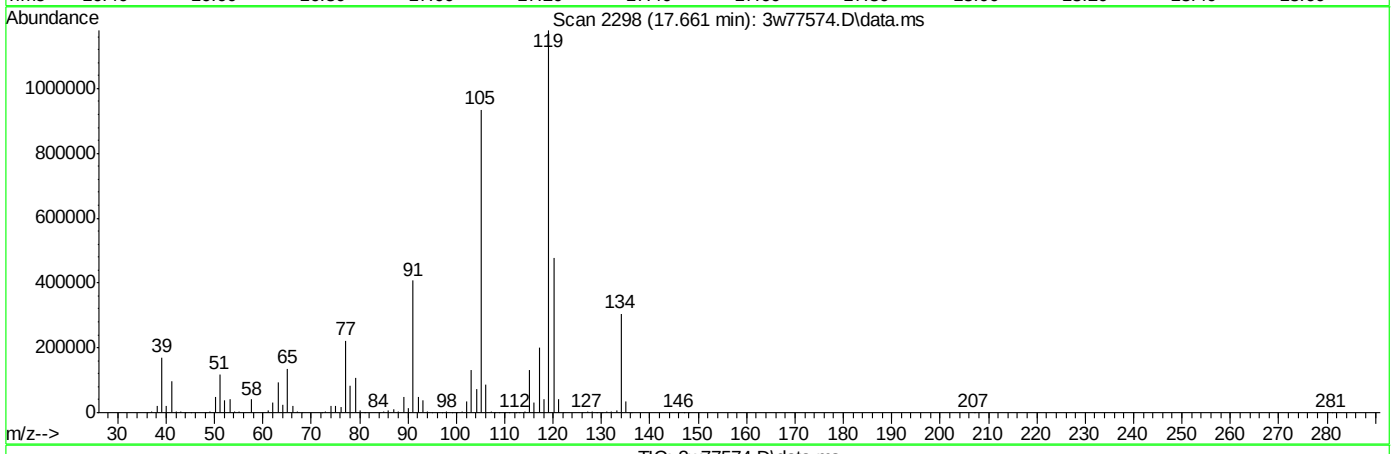
Ion	Exp%	Act%
134.10	100	100
119.10	6.30	7.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77574.D
Acq On : 3 Nov 2022 7:54 am
Operator : thomash
Sample : ic3055-20
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:44:11 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:43:54 2022
Response via : Initial Calibration





TIC: 3w77574.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.661min (+0.000) 20.83PPBV m

response 546655

Ion	Exp%	Act%
134.10	100	100
119.10	6.30	6.37
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 15:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77575.D
Acq On : 3 Nov 2022 8:38 am
Operator : thomash
Sample : ic3055-40
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:04:10 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:44:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.086	128	110809	10.00	PPBV		0.00
51) 1,4-DIFLUOROBENZENE	9.795	114	557348	10.00	PPBV		0.01
70) CHLOROBENZENE-D5	14.048	82	385616	10.00	PPBV		0.00
109) BROMOCHLOROMETHANE (A)	8.086	128	110809	10.00	PPBV		0.00
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.696	95	391644	8.70	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 87.00%				
Target Compounds							Qvalue
3) FREON 152A	4.338	65	386122	22.44	PPBV		99
4) CHLORODIFLUOROMETHANE	4.369	67	206523	40.65	PPBV		97
5) CHLOROTRIFLUOROETHENE	4.399	116	866561	38.58	PPBV	#	99
6) DICHLORODIFLUOROMETHANE	4.454	85	2063746	38.44	PPBV		99
7) PROPYLENE	4.393	41	605652	38.23	PPBV		99
8) 1-CHLORO-1,1-DIFLUOROE...	4.557	65	1400040	36.56	PPBV		100
9) FREON 114	4.648	85	1566504	36.01	PPBV		99
10) CHLOROMETHANE	4.575	52	171939	37.78	PPBV	#	76
11) VINYL CHLORIDE	4.740	62	565151	36.09	PPBV		100
12) 1,3-BUTADIENE	4.837	54	424560	35.83	PPBV		99
13) n-BUTANE	4.880	43	951850	33.74	PPBV		99
14) BROMOMETHANE	5.050	94	489845	32.86	PPBV		100
15) CHLOROETHANE	5.172	64	248833	36.73	PPBV		98
16) DICHLOROFLUOROMETHANE	5.226	67	1198918	35.12	PPBV		99
17) ACETONITRILE	5.421	41	553431	33.07	PPBV		95
18) ACROLEIN	5.518	56	253124	42.43	PPBV		99
19) FREON 123	5.524	83	1399298	36.75	PPBV		99
20) FREON 123A	5.567	117	790373	37.32	PPBV		99
21) TRICHLOROFLUOROMETHANE	5.743	101	1697882	36.64	PPBV		99
22) ISOPROPYL ALCOHOL	5.792	45	1299819	36.24	PPBV		100
23) ACETONE	5.616	58	275906	32.72	PPBV		99
24) PENTANE	5.999	42	729255	36.48	PPBV		99
25) IODOMETHANE	6.188	142	1714501	38.63	PPBV		98
26) 1,1-DICHLOROETHYLENE	6.230	96	606626	37.65	PPBV		98
27) CARBON DISULFIDE	6.589	76	1760197	36.71	PPBV		99
28) ETHANOL	5.251	45	249258	28.13	PPBV		98
29) BROMOETHENE	5.433	106	531810	37.71	PPBV		100
30) ACRYLONITRILE	5.962	52	388253	40.49	PPBV		99
31) METHYLENE CHLORIDE	6.315	84	534789	30.59	PPBV		99
32) 3-CHLOROPROPENE	6.413	76	297150	38.55	PPBV		98
33) FREON 113	6.516	151	1124488	38.75	PPBV		99
34) TRANS-1,2-DICHLOROETHY...	7.064	96	639526	38.90	PPBV		99
35) TERTIARY BUTYL ALCOHOL	6.254	59	1437497	38.03	PPBV		99
36) METHYL TERTIARY BUTYL ...	7.270	73	1846274	37.38	PPBV		100
37) TETRAHYDROFURAN	8.548	72	311695	40.13	PPBV		98
38) HEXANE	8.092	57	1011736	38.71	PPBV		99
39) VINYL ACETATE	7.331	86	145975	41.91	PPBV	#	86
40) 1,1-DICHLOROETHANE	7.234	63	1156091	37.07	PPBV		99
41) METHYL ETHYL KETONE	7.556	72	311387	39.87	PPBV		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77575.D
Acq On : 3 Nov 2022 8:38 am
Operator : thomash
Sample : ic3055-40
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:04:10 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:44:37 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42)	cis-1,2-DICHLOROETHYLENE	7.934	96	668105	39.28	PPBV		98
43)	DIISOPROPYL ETHER	8.086	59	315199	39.38	PPBV	#	93
44)	ETHYL ACETATE	8.104	61	219197	39.67	PPBV	#	92
45)	METHYL ACRYLATE	8.104	55	1257045	40.19	PPBV		99
46)	CHLOROFORM	8.195	83	1432068	37.87	PPBV		100
47)	2,4-DIMETHYLPENTANE	8.870	57	1173114	38.87	PPBV		100
48)	1,1,1-TRICHLOROETHANE	9.065	97	1546104	38.73	PPBV		99
49)	CARBON TETRACHLORIDE	9.619	117	1687089	39.49	PPBV		99
50)	1,2-DICHLOROETHANE	8.840	62	1005334	39.08	PPBV		99
52)	BENZENE	9.485	78	1952402	37.04	PPBV		99
53)	CYCLOHEXANE	9.734	84	833592	35.40	PPBV		95
54)	2,3-DIMETHYLPENTANE	9.935	71	449488	38.64	PPBV		98
55)	TRICHLOROETHYLENE	10.458	95	958448	38.77	PPBV		98
56)	1,2-DICHLOROPROPANE	10.239	63	811063	38.61	PPBV		99
57)	DIBROMOMETHANE	10.221	174	884583	39.46	PPBV		99
58)	ETHYL ACRYLATE	10.215	55	1676487	42.60	PPBV		99
59)	BROMODICHLOROMETHANE	10.428	83	1687672	39.46	PPBV		99
60)	2,2,4-TRIMETHYLPENTANE	10.476	57	3269970	38.54	PPBV		99
61)	1,4-DIOXANE	10.464	88	462785	41.37	PPBV	#	87
62)	HEPTANE	10.720	43	1378226	38.67	PPBV		100
63)	METHYL METHACRYLATE	10.629	69	771843	41.07	PPBV		100
64)	METHYL ISOBUTYL KETONE	11.310	58	649789	41.95	PPBV		97
65)	cis-1,3-DICHLOROPROPENE	11.280	75	1288828	40.85	PPBV		100
66)	TOLUENE	12.241	92	1465588	38.51	PPBV		97
67)	1,3-DICHLOROPROPANE	12.265	76	1248403	39.08	PPBV		99
68)	trans-1,3-DICHLOROPROPENE	11.791	75	1194442	41.53	PPBV		99
69)	1,1,2-TRICHLOROETHANE	11.967	83	764070	38.83	PPBV		100
71)	2-HEXANONE	12.502	58	898222	37.23	PPBV		98
72)	ETHYL METHACRYLATE	12.502	69	1347600	35.11	PPBV		99
73)	TETRACHLOROETHYLENE	13.391	164	1106278	31.14	PPBV		99
74)	DIBROMOCHLOROMETHANE	12.679	129	1771237	33.40	PPBV		99
75)	1,2-DIBROMOETHANE	12.928	107	1393619	32.87	PPBV		100
76)	OCTANE	13.220	43	1967436	32.24	PPBV		99
77)	1,1,1,2-TETRACHLOROETHANE	14.078	131	1234468	32.55	PPBV		97
78)	CHLOROBENZENE	14.096	112	2065883	31.84	PPBV		97
79)	ETHYLBENZENE	14.486	91	3364768	29.66	PPBV		98
80)	m,p-XYLENE	14.686	106	2625251	60.99	PPBV		96
81)	o-XYLENE	15.191	106	1274468	30.86	PPBV		100
82)	STYRENE	15.070	104	2012902	34.50	PPBV		98
83)	NONANE	15.416	43	2101623	33.03	PPBV		99
84)	BROMOFORM	14.778	173	1893836	36.01	PPBV		98
86)	1,1,2,2-TETRACHLOROETHANE	15.185	83	2026486	32.15	PPBV		99
87)	1,2,3-TRICHLOROPROPANE	15.331	75	1589142	32.22	PPBV		99
88)	ISOPROPYLBENZENE	15.848	105	3765860	31.38	PPBV		97
89)	BROMOBENZENE	15.952	77	1928668	33.84	PPBV		99
90)	2-CHLOROTOLUENE	16.396	126	1011292	33.08	PPBV		99
91)	n-PROPYLBENZENE	16.432	120	1083822	34.00	PPBV		98
92)	4-ETHYLTOLUENE	16.603	105	3806859	33.90	PPBV		98
93)	1,3,5-TRIMETHYLBENZENE	16.694	105	3227583	33.24	PPBV		99
94)	ALPHA-METHYLSTYRENE	16.876	118	1701080	36.37	PPBV		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77575.D
Acq On : 3 Nov 2022 8:38 am
Operator : thomash
Sample : ic3055-40
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:04:10 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:44:37 2022
Response via : Initial Calibration

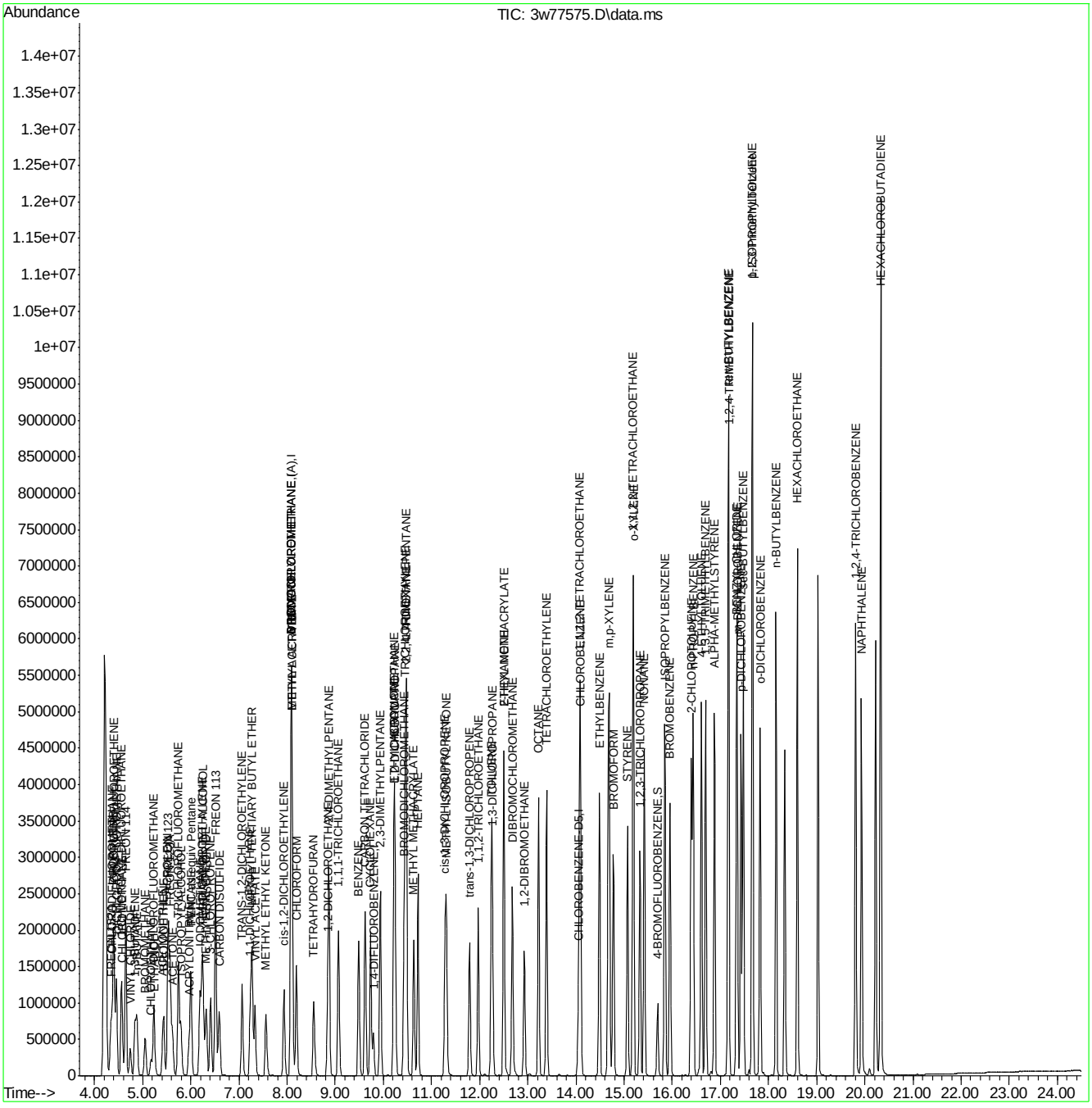
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) tert-BUTYLBENZENE	17.162	134	716146	32.35	PPBV	96
96) 1,2,4-TRIMETHYLBENZENE	17.174	105	3231558	32.95	PPBV	97
97) m-DICHLOROBENZENE	17.351	146	2182231	34.31	PPBV	97
98) BENZYL CHLORIDE	17.333	91	2768895	40.82	PPBV	99
99) p-DICHLOROBENZENE	17.430	146	2193076	35.68	PPBV	98
100) sec-BUTYLBENZENE	17.479	134	969744	33.72	PPBV #	88
101) 1,2,3-Trimethylbenzene	17.667	105	3293490	32.58	PPBV	96
102) p-ISOPROPYLTOLUENE	17.667	134	1014133m	32.26	PPBV	
103) o-DICHLOROBENZENE	17.825	146	2209068	34.86	PPBV	97
104) n-BUTYLBENZENE	18.154	134	1066847	37.04	PPBV	92
105) HEXACHLOROETHANE	18.598	117	1589607	34.83	PPBV	98
106) HEXACHLOROBUTADIENE	20.332	225	2518564	38.41	PPBV	97
107) 1,2,4-TRICHLOROBENZENE	19.809	180	2198880	56.05	PPBV	98
108) NAPHTHALENE	19.930	128	4213912	51.73	PPBV	97
110) TVHC as equiv Pentane	5.999	TIC	4529970	37.71	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77575.D
Acq On : 3 Nov 2022 8:38 am
Operator : thomash
Sample : ic3055-40
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:04:10 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:44:37 2022
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: V3W3055-IC3055
Lab FileID: 3W77575.D
Injection Time: 11/03/22 08:38

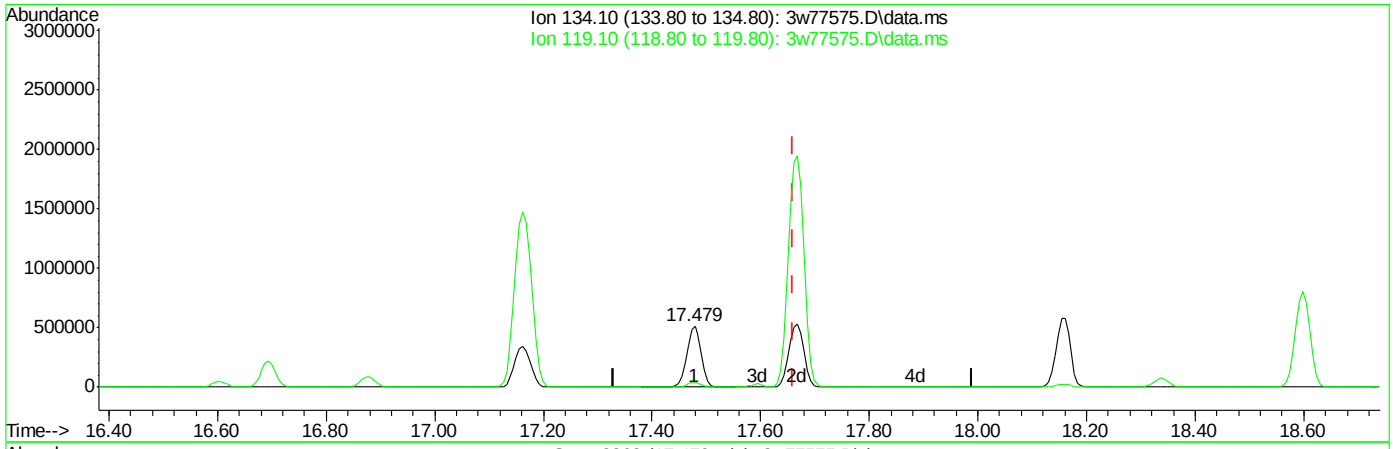
Method: TO-15
Analyst approved: 11/07/22 15:15 Thomas Hilbig
Supervisor approved: 11/07/22 15:57 Kanya Veerawat

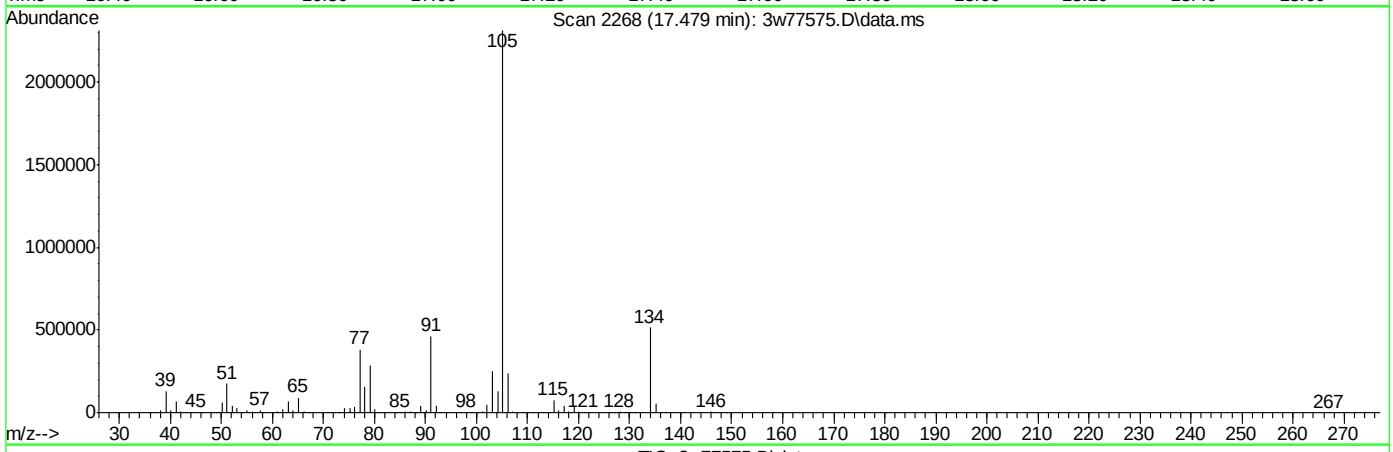
Parameter	CAS	Sig#	R.T. (min.)	Reason
p-Isopropyltoluene	99-87-6		17.67	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77575.D
Acq On : 3 Nov 2022 8:38 am
Operator : thomash
Sample : ic3055-40
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:44:54 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:44:37 2022
Response via : Initial Calibration





TIC: 3w77575.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.479min (-0.182) 30.84PPBV

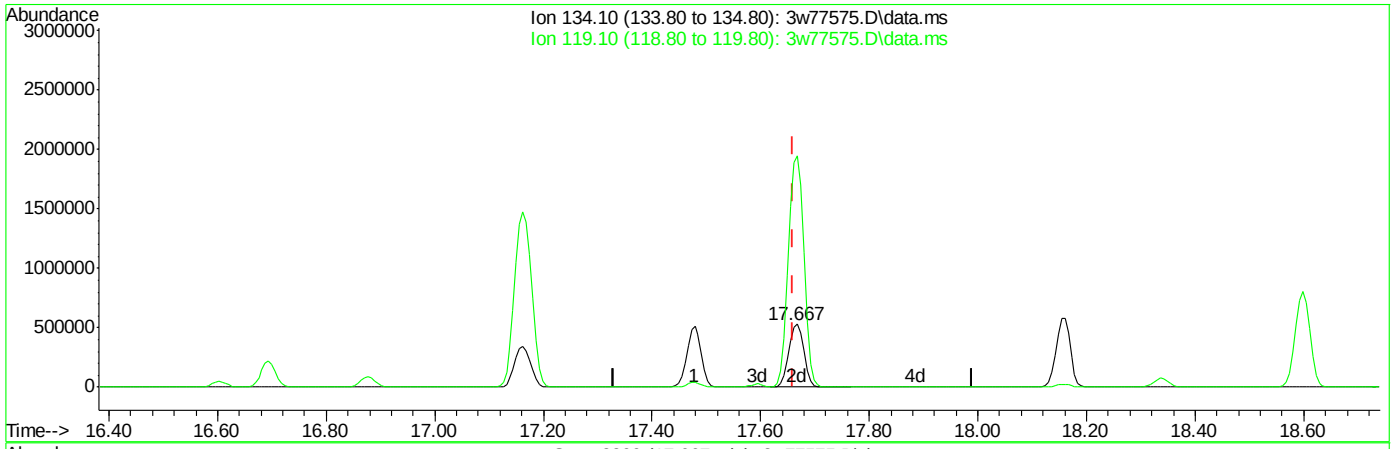
response 969744

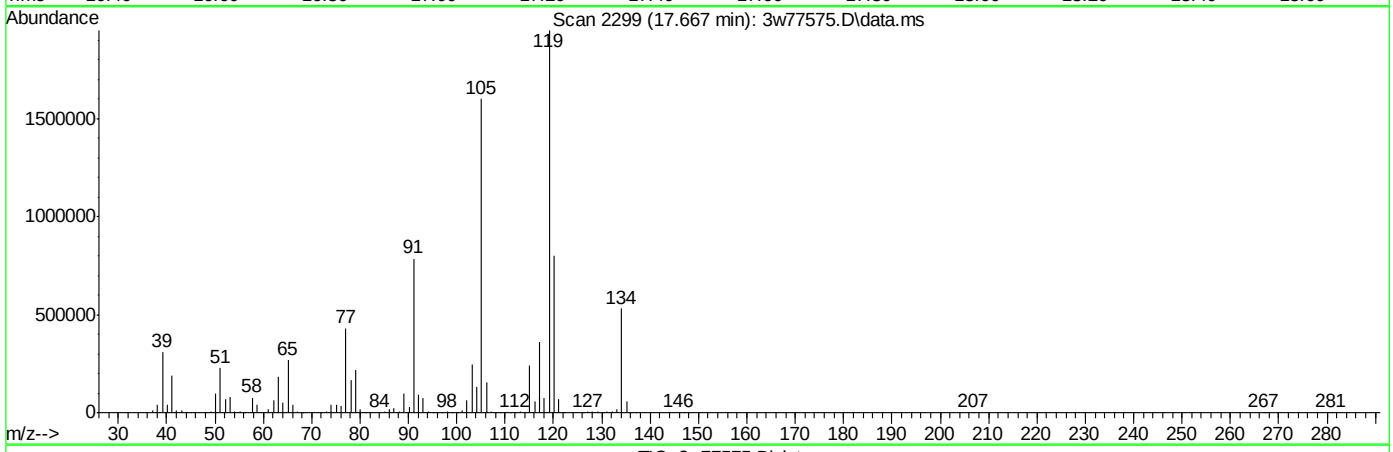
Ion	Exp%	Act%
134.10	100	100
119.10	6.30	7.41
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77575.D
Acq On : 3 Nov 2022 8:38 am
Operator : thomash
Sample : ic3055-40
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:44:54 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:44:37 2022
Response via : Initial Calibration





TIC: 3w77575.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.667min (+0.006) 32.26PPBV m

response 1014133

Ion	Exp%	Act%
134.10	100	100
119.10	6.30	7.09
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 15:57

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77576.D
Acq On : 3 Nov 2022 9:25 am
Operator : thomash
Sample : ic3055-50
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:04:25 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:45:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.086	128	111604	10.00	PPBV		0.00
51) 1,4-DIFLUOROBENZENE	9.795	114	581907	10.00	PPBV		0.01
70) CHLOROBENZENE-D5	14.054	82	423674	10.00	PPBV		0.01
109) BROMOCHLOROMETHANE (A)	8.086	128	111604	10.00	PPBV		0.00
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.696	95	410817	8.31	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 83.10%				
Target Compounds							Qvalue
3) FREON 152A	4.338	65	503510	29.05	PPBV		99
4) CHLORODIFLUOROMETHANE	4.369	67	269748	52.72	PPBV		98
5) CHLOROTRIFLUOROETHENE	4.405	116	1142169	50.48	PPBV	#	99
6) DICHLORODIFLUOROMETHANE	4.454	85	2684362	49.64	PPBV		99
7) PROPYLENE	4.399	41	789005	49.45	PPBV		99
8) 1-CHLORO-1,1-DIFLUOROE...	4.557	65	1784800	46.28	PPBV		99
9) FREON 114	4.648	85	1958508	44.71	PPBV		99
10) CHLOROMETHANE	4.582	52	218795	47.73	PPBV	#	78
11) VINYL CHLORIDE	4.740	62	714360	45.29	PPBV		100
12) 1,3-BUTADIENE	4.843	54	541414	45.37	PPBV		98
13) n-BUTANE	4.880	43	1204187	42.38	PPBV		99
14) BROMOMETHANE	5.050	94	621400	41.38	PPBV		100
15) CHLOROETHANE	5.172	64	331445	48.58	PPBV		97
16) DICHLOROFLUOROMETHANE	5.232	67	1581960	46.02	PPBV		99
17) ACETONITRILE	5.421	41	747261	44.34	PPBV		95
18) ACROLEIN	5.518	56	336784	56.05	PPBV		99
19) FREON 123	5.531	83	1826262	47.62	PPBV		99
20) FREON 123A	5.567	117	1038519	48.69	PPBV		98
21) TRICHLOROFLUOROMETHANE	5.743	101	2230774	47.79	PPBV		99
22) ISOPROPYL ALCOHOL	5.792	45	1713834	47.45	PPBV		99
23) ACETONE	5.616	58	362623	42.70	PPBV		98
24) PENTANE	6.005	42	959074	47.64	PPBV		99
25) IODOMETHANE	6.188	142	2253463	50.42	PPBV		96
26) 1,1-DICHLOROETHYLENE	6.236	96	808827	49.84	PPBV		97
27) CARBON DISULFIDE	6.589	76	2313683	47.92	PPBV		99
28) ETHANOL	5.251	45	345614	38.73	PPBV		97
29) BROMOETHENE	5.439	106	708928	49.91	PPBV		99
30) ACRYLONITRILE	5.962	52	515676	53.40	PPBV		100
31) METHYLENE CHLORIDE	6.321	84	710184	40.34	PPBV		99
32) 3-CHLOROPROPENE	6.413	76	395753	50.97	PPBV		96
33) FREON 113	6.516	151	1491234	51.02	PPBV		98
34) TRANS-1,2-DICHLOROETHY...	7.070	96	850510	51.36	PPBV		99
35) TERTIARY BUTYL ALCOHOL	6.261	59	1895635	49.80	PPBV		99
36) METHYL TERTIARY BUTYL ...	7.270	73	2432774	48.90	PPBV		99
37) TETRAHYDROFURAN	8.548	72	413250	52.83	PPBV		98
38) HEXANE	8.098	57	1304926	49.58	PPBV		99
39) VINYL ACETATE	7.337	86	191903	54.71	PPBV	#	84
40) 1,1-DICHLOROETHANE	7.234	63	1517589	48.31	PPBV		99
41) METHYL ETHYL KETONE	7.562	72	414782	52.74	PPBV		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77576.D
Acq On : 3 Nov 2022 9:25 am
Operator : thomash
Sample : ic3055-50
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:04:25 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:45:26 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42)	cis-1,2-DICHLOROETHYLENE	7.934	96	883708	51.59	PPBV		98
43)	DIISOPROPYL ETHER	8.086	59	410141	50.88	PPBV	#	90
44)	ETHYL ACETATE	8.104	61	286470	51.48	PPBV	#	86
45)	METHYL ACRYLATE	8.104	55	1623534	51.54	PPBV		99
46)	CHLOROFORM	8.195	83	1887902	49.57	PPBV		100
47)	2,4-DIMETHYLPENTANE	8.870	57	1545811	50.86	PPBV		100
48)	1,1,1-TRICHLOROETHANE	9.071	97	2045160	50.87	PPBV		99
49)	CARBON TETRACHLORIDE	9.625	117	2231415	51.86	PPBV		99
50)	1,2-DICHLOROETHANE	8.846	62	1323469	51.08	PPBV		99
52)	BENZENE	9.491	78	2567393	46.65	PPBV		99
53)	CYCLOHEXANE	9.734	84	1101199	44.79	PPBV		95
54)	2,3-DIMETHYLPENTANE	9.935	71	593569	48.87	PPBV		98
55)	TRICHLOROETHYLENE	10.464	95	1237343	47.94	PPBV		97
56)	1,2-DICHLOROPROPANE	10.245	63	1059203	48.30	PPBV		98
57)	DIBROMOMETHANE	10.227	174	1159332	49.54	PPBV		98
58)	ETHYL ACRYLATE	10.221	55	2185329	53.19	PPBV		99
59)	BROMODICHLOROMETHANE	10.428	83	2202122	49.31	PPBV		99
60)	2,2,4-TRIMETHYLPENTANE	10.477	57	4213893	47.57	PPBV		98
61)	1,4-DIOXANE	10.464	88	601989	51.54	PPBV	#	70
62)	HEPTANE	10.720	43	1809881	48.64	PPBV		99
63)	METHYL METHACRYLATE	10.635	69	1021564	52.06	PPBV		99
64)	METHYL ISOBUTYL KETONE	11.310	58	854246	52.82	PPBV		96
65)	cis-1,3-DICHLOROPROPENE	11.280	75	1691358	51.34	PPBV		99
66)	TOLUENE	12.247	92	1918177	48.28	PPBV		96
67)	1,3-DICHLOROPROPANE	12.271	76	1634396	49.00	PPBV	#	72
68)	trans-1,3-DICHLOROPROPENE	11.791	75	1579783	52.61	PPBV		99
69)	1,1,2-TRICHLOROETHANE	11.973	83	1007306	49.03	PPBV		100
71)	2-HEXANONE	12.502	58	1174878	44.32	PPBV		96
72)	ETHYL METHACRYLATE	12.502	69	1752215	41.56	PPBV		100
73)	TETRACHLOROETHYLENE	13.391	164	1460046	37.40	PPBV		99
74)	DIBROMOCHLOROMETHANE	12.679	129	2328198	39.95	PPBV		99
75)	1,2-DIBROMOETHANE	12.928	107	1832643	39.34	PPBV		100
76)	OCTANE	13.220	43	2545811	37.97	PPBV		98
77)	1,1,1,2-TETRACHLOROETHANE	14.078	131	1588111	38.11	PPBV		95
78)	CHLOROBENZENE	14.096	112	2651819	37.20	PPBV		96
79)	ETHYLBENZENE	14.486	91	4359327	34.97	PPBV		97
80)	m,p-XYLENE	14.686	106	3376102	71.39	PPBV		96
81)	o-XYLENE	15.191	106	1611471	35.51	PPBV		99
82)	STYRENE	15.070	104	2627774	41.00	PPBV		97
83)	NONANE	15.422	43	2701349	38.64	PPBV		99
84)	BROMOFORM	14.778	173	2494992	43.18	PPBV		97
86)	1,1,2,2-TETRACHLOROETHANE	15.185	83	2556756	36.92	PPBV		99
87)	1,2,3-TRICHLOROPROPANE	15.331	75	2073342	38.26	PPBV		98
88)	ISOPROPYLBENZENE	15.848	105	4799899	36.40	PPBV		96
89)	BROMOBENZENE	15.952	77	2538042	40.54	PPBV		99
90)	2-CHLOROTOLUENE	16.396	126	1318249	39.24	PPBV		98
91)	n-PROPYLBENZENE	16.438	120	1410908	40.28	PPBV		98
92)	4-ETHYLTOLUENE	16.603	105	4852420	39.33	PPBV		97
93)	1,3,5-TRIMETHYLBENZENE	16.694	105	4152924	38.93	PPBV		99
94)	ALPHA-METHYLSTYRENE	16.876	118	2205505	42.92	PPBV		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77576.D
Acq On : 3 Nov 2022 9:25 am
Operator : thomash
Sample : ic3055-50
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:04:25 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:45:26 2022
Response via : Initial Calibration

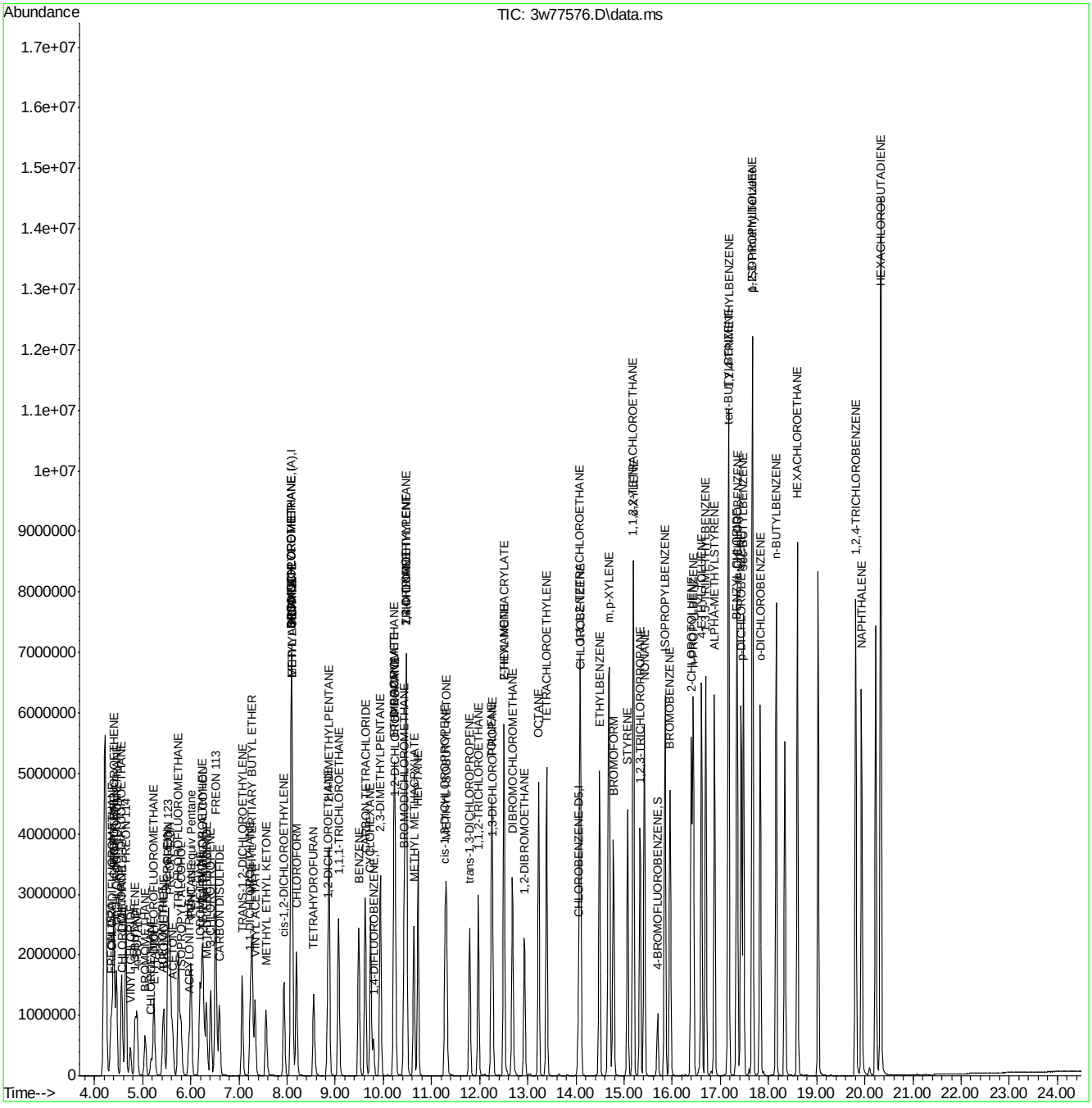
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) tert-BUTYLBENZENE	17.162	134	885559	36.40	PPBV	94
96) 1,2,4-TRIMETHYLBENZENE	17.175	105	3982081	36.95	PPBV	97
97) m-DICHLOROBENZENE	17.351	146	2784382	39.84	PPBV	97
98) BENZYL CHLORIDE	17.333	91	3553523	47.68	PPBV	98
99) p-DICHLOROBENZENE	17.430	146	2824278	41.82	PPBV	97
100) sec-BUTYLBENZENE	17.479	134	1242005	39.31	PPBV #	84
101) 1,2,3-Trimethylbenzene	17.667	105	4040512	36.38	PPBV	95
102) p-ISOPROPYLTOLUENE	17.667	134	1238421m	35.69	PPBV	
103) o-DICHLOROBENZENE	17.825	146	2831414	40.67	PPBV	96
104) n-BUTYLBENZENE	18.160	134	1366702	43.18	PPBV #	88
105) HEXACHLOROETHANE	18.598	117	1977580	39.44	PPBV	96
106) HEXACHLOROBUTADIENE	20.332	225	3135749	43.52	PPBV	97
107) 1,2,4-TRICHLOROBENZENE	19.809	180	2822728	65.49	PPBV	98
108) NAPHTHALENE	19.936	128	5309521	59.32	PPBV	96
110) TVHC as equiv Pentane	6.005	TIC	5946100	49.15	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77576.D
Acq On : 3 Nov 2022 9:25 am
Operator : thomash
Sample : ic3055-50
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 15:04:25 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:45:26 2022
Response via : Initial Calibration



SGS

JD56955

Manual Integration Approval Summary

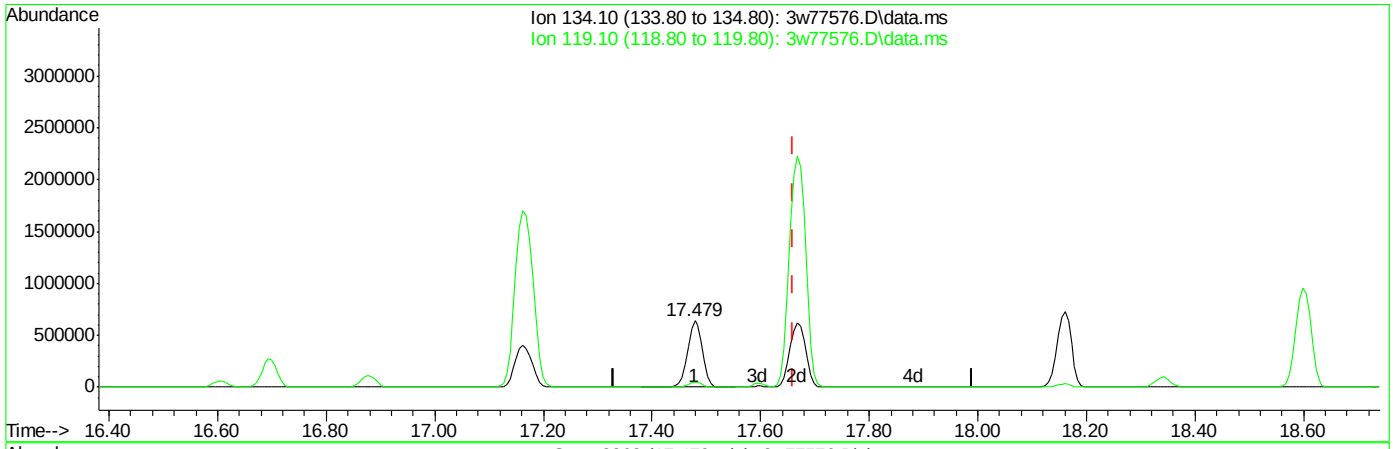
Sample Number:	V3W3055-IC3055	**Method:**	TO-15
Lab FileID:	3W77576.D	**Analyst approved:**	11/07/22 15:15 Thomas Hilbig
Injection Time:	11/03/22 09:25	**Supervisor approved:**	11/07/22 15:57 Kanya Veerawat

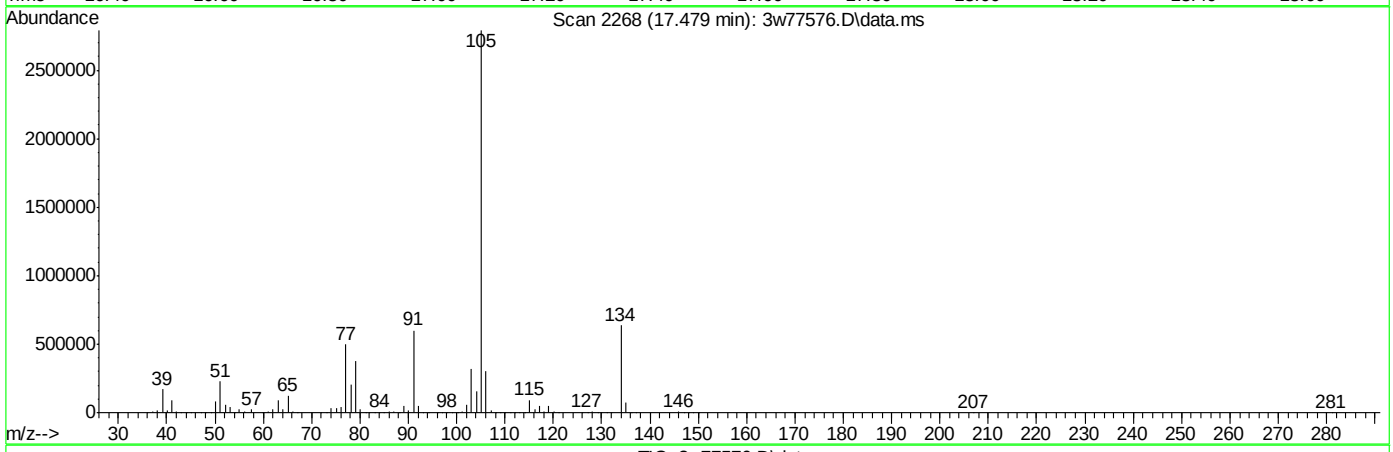
Parameter	CAS	Sig#	R.T. (min.)	Reason
p-Isopropyltoluene	99-87-6		17.67	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77576.D
Acq On : 3 Nov 2022 9:25 am
Operator : thomash
Sample : ic3055-50
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:45:38 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:45:26 2022
Response via : Initial Calibration





TIC: 3w77576.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.479min (-0.182) 35.80PPBV

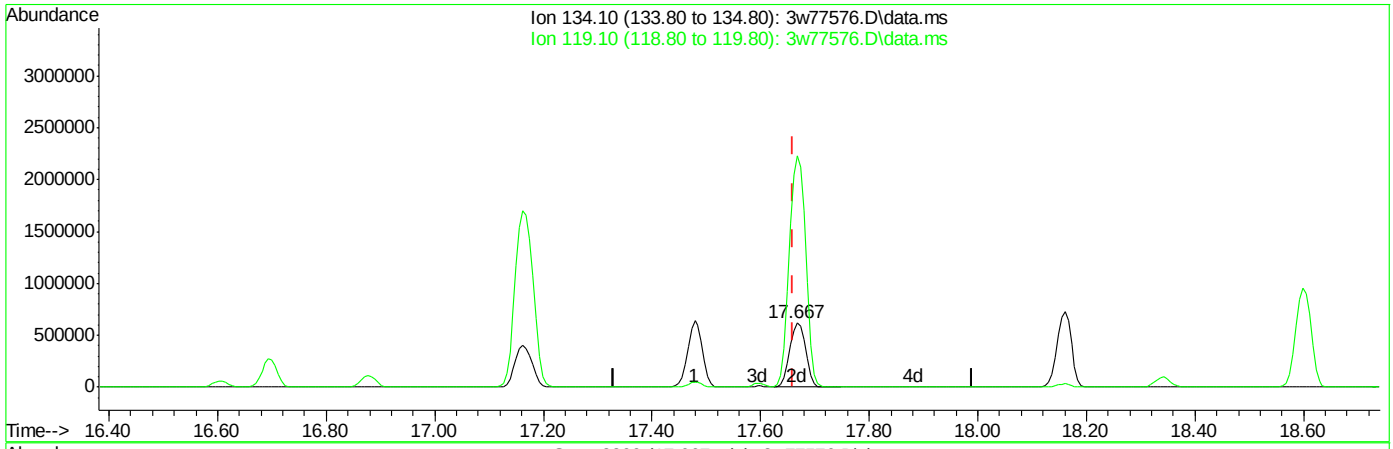
response 1242005

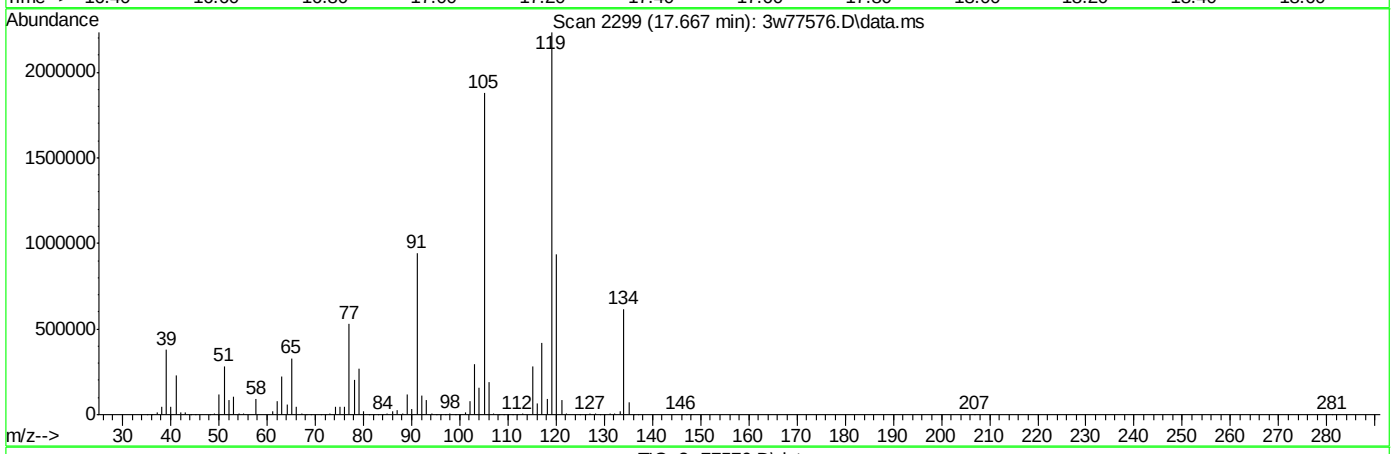
Ion	Exp%	Act%
134.10	100	100
119.10	6.30	7.79
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77576.D
Acq On : 3 Nov 2022 9:25 am
Operator : thomash
Sample : ic3055-50
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 11:45:38 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Sun Nov 06 11:45:26 2022
Response via : Initial Calibration





TIC: 3w77576.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.667min (+0.006) 35.69PPBV m

response 1238421

Ion	Exp%	Act%
134.10	100	100
119.10	6.30	7.81
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 18:35

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77585.D
Acq On : 6 Nov 2022 4:46 pm
Operator : thomash
Sample : icv3055-10
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 16:53:09 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:19:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.080	128	133453	10.00	PPBV		0.00
51) 1,4-DIFLUOROBENZENE	9.789	114	613839	10.00	PPBV		0.00
70) CHLOROBENZENE-D5	14.042	82	326488	10.00	PPBV		0.00
109) BROMOCHLOROMETHANE (A)	8.080	128	133453	10.00	PPBV		0.00
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.690	95	386453	10.14	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 101.40%				
Target Compounds							Qvalue
3) FREON 152A	4.338	65	107076	8.83	PPBV		93
4) CHLORODIFLUOROMETHANE	4.369	67	53644	8.77	PPBV		98
5) CHLOROTRIFLUOROETHENE	4.399	116	235369	8.70	PPBV	#	98
6) DICHLORODIFLUOROMETHANE	4.448	85	576404	8.91	PPBV		99
7) PROPYLENE	4.393	41	180065	9.44	PPBV		100
8) 1-CHLORO-1,1-DIFLUOROE...	4.557	65	505191	10.95	PPBV		95
9) FREON 114	4.642	85	593430	11.33	PPBV		95
10) CHLOROMETHANE	4.576	52	64289	11.73	PPBV	#	82
11) VINYL CHLORIDE	4.740	62	218522	11.59	PPBV		100
12) 1,3-BUTADIENE	4.837	54	167828	11.76	PPBV		99
13) n-BUTANE	4.880	43	388617	11.44	PPBV		99
14) BROMOMETHANE	5.050	94	209090	11.64	PPBV		96
15) CHLOROETHANE	5.172	64	101009	12.38	PPBV		85
16) DICHLOROFLUOROMETHANE	5.226	67	467217	11.37	PPBV		99
17) ACETONITRILE	5.415	41	210786	10.46	PPBV		95
18) ACROLEIN	5.512	56	82858	11.53	PPBV		98
19) FREON 123	5.525	83	462153	10.08	PPBV		98
20) FREON 123A	5.567	117	281339	11.03	PPBV		94
21) TRICHLOROFLUOROMETHANE	5.744	101	530020	9.50	PPBV		98
22) ISOPROPYL ALCOHOL	5.780	45	435466	10.08	PPBV		100
23) ACETONE	5.616	58	88140	8.68	PPBV	#	81
24) PENTANE	5.999	42	236203	9.81	PPBV		99
25) IODOMETHANE	6.188	142	508303	9.51	PPBV		99
26) 1,1-DICHLOROETHYLENE	6.230	96	176956	9.12	PPBV		95
27) CARBON DISULFIDE	6.589	76	447306	7.75	PPBV		94
28) ETHANOL	5.239	45	122081	12.89	PPBV		96
29) BROMOETHENE	5.433	106	206110	12.14	PPBV		98
30) ACRYLONITRILE	5.957	52	128592	11.14	PPBV		99
31) METHYLENE CHLORIDE	6.315	84	152486	7.99	PPBV		91
32) 3-CHLOROPROPENE	6.407	76	79262	8.54	PPBV	#	84
33) FREON 113	6.510	151	289829	8.29	PPBV		99
34) TRANS-1,2-DICHLOROETHY...	7.064	96	161551	8.16	PPBV		93
35) TERTIARY BUTYL ALCOHOL	6.242	59	385731	8.47	PPBV		96
36) METHYL TERTIARY BUTYL ...	7.271	73	482800	8.12	PPBV		95
37) TETRAHYDROFURAN	8.554	72	77689	8.31	PPBV	#	85
38) HEXANE	8.092	57	291132	9.25	PPBV		95
39) VINYL ACETATE	7.325	86	37731	9.00	PPBV	#	71
40) 1,1-DICHLOROETHANE	7.234	63	321931	8.57	PPBV		99
41) METHYL ETHYL KETONE	7.556	72	82736	8.80	PPBV	#	70

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77585.D
Acq On : 6 Nov 2022 4:46 pm
Operator : thomash
Sample : icv3055-10
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 16:53:09 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:19:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) cis-1,2-DICHLOROETHYLENE	7.928	96	170868	8.34	PPBV		94
43) DIISOPROPYL ETHER	8.080	59	85111	8.83	PPBV	#	86
44) ETHYL ACETATE	8.098	61	64204	9.65	PPBV	#	96
45) METHYL ACRYLATE	8.098	55	361506	9.60	PPBV		97
46) CHLOROFORM	8.183	83	368909	8.10	PPBV		97
47) 2,4-DIMETHYLPENTANE	8.864	57	326711	8.99	PPBV		97
48) 1,1,1-TRICHLOROETHANE	9.065	97	379571	7.89	PPBV		96
49) CARBON TETRACHLORIDE	9.619	117	419227	8.15	PPBV		99
50) 1,2-DICHLOROETHANE	8.840	62	267490	8.63	PPBV		100
52) BENZENE	9.485	78	505204	8.70	PPBV		98
53) CYCLOHEXANE	9.734	84	218201	8.41	PPBV		94
54) 2,3-DIMETHYLPENTANE	9.929	71	113336	8.85	PPBV	#	87
55) TRICHLOROETHYLENE	10.452	95	246695	9.06	PPBV		99
56) 1,2-DICHLOROPROPANE	10.233	63	209943	9.07	PPBV		98
57) DIBROMOMETHANE	10.215	174	230011	9.32	PPBV		99
58) ETHYL ACRYLATE	10.209	55	445317	10.28	PPBV		99
59) BROMODICHLOROMETHANE	10.422	83	420540	8.93	PPBV		100
60) 2,2,4-TRIMETHYLPENTANE	10.471	57	910719	9.75	PPBV		100
61) 1,4-DIOXANE	10.464	88	121127	9.83	PPBV	#	62
62) HEPTANE	10.714	43	389368	9.92	PPBV		95
63) METHYL METHACRYLATE	10.629	69	193559	9.35	PPBV		88
64) METHYL ISOBUTYL KETONE	11.304	58	171267	10.04	PPBV	#	88
65) cis-1,3-DICHLOROPROPENE	11.274	75	338340	9.74	PPBV		91
66) TOLUENE	12.235	92	365706	8.73	PPBV		100
67) 1,3-DICHLOROPROPANE	12.259	76	314814	8.95	PPBV		98
68) trans-1,3-DICHLOROPROPENE	11.785	75	299289	9.45	PPBV		92
69) 1,1,2-TRICHLOROETHANE	11.961	83	189948	8.76	PPBV		99
71) 2-HEXANONE	12.490	58	240957	11.79	PPBV	#	87
72) ETHYL METHACRYLATE	12.496	69	329347	10.14	PPBV		87
73) TETRACHLOROETHYLENE	13.385	164	273789	9.10	PPBV		99
74) DIBROMOCHLOROMETHANE	12.673	129	443245	9.87	PPBV		100
75) 1,2-DIBROMOETHANE	12.916	107	356804	9.94	PPBV		98
76) OCTANE	13.214	43	555767	10.76	PPBV		95
77) 1,1,1,2-TETRACHLOROETHANE	14.072	131	314738	9.80	PPBV		99
78) CHLOROBENZENE	14.090	112	540971	9.85	PPBV		99
79) ETHYLBENZENE	14.480	91	855119	8.90	PPBV		100
80) m,p-XYLENE	14.674	106	672803	18.46	PPBV		98
81) o-XYLENE	15.179	106	329608	9.43	PPBV		100
82) STYRENE	15.064	104	496517	10.05	PPBV		99
83) NONANE	15.416	43	597598	11.09	PPBV		96
84) BROMOFORM	14.766	173	460480	10.34	PPBV		99
86) 1,1,2,2-TETRACHLOROETHANE	15.179	83	540685	10.13	PPBV		99
87) 1,2,3-TRICHLOROPROPANE	15.319	75	397856	9.53	PPBV		100
88) ISOPROPYLBENZENE	15.842	105	983159	9.68	PPBV		99
89) BROMOBENZENE	15.946	77	473464	9.81	PPBV		98
90) 2-CHLOROTOLUENE	16.390	126	254812	9.84	PPBV		100
91) n-PROPYLBENZENE	16.426	120	282151	10.45	PPBV		99
92) 4-ETHYLTOLUENE	16.597	105	1018366	10.54	PPBV		99
93) 1,3,5-TRIMETHYLBENZENE	16.688	105	851985	10.36	PPBV		99
94) ALPHA-METHYLSTYRENE	16.870	118	386609	9.76	PPBV		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77585.D
Acq On : 6 Nov 2022 4:46 pm
Operator : thomash
Sample : icv3055-10
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 16:53:09 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:19:02 2022
Response via : Initial Calibration

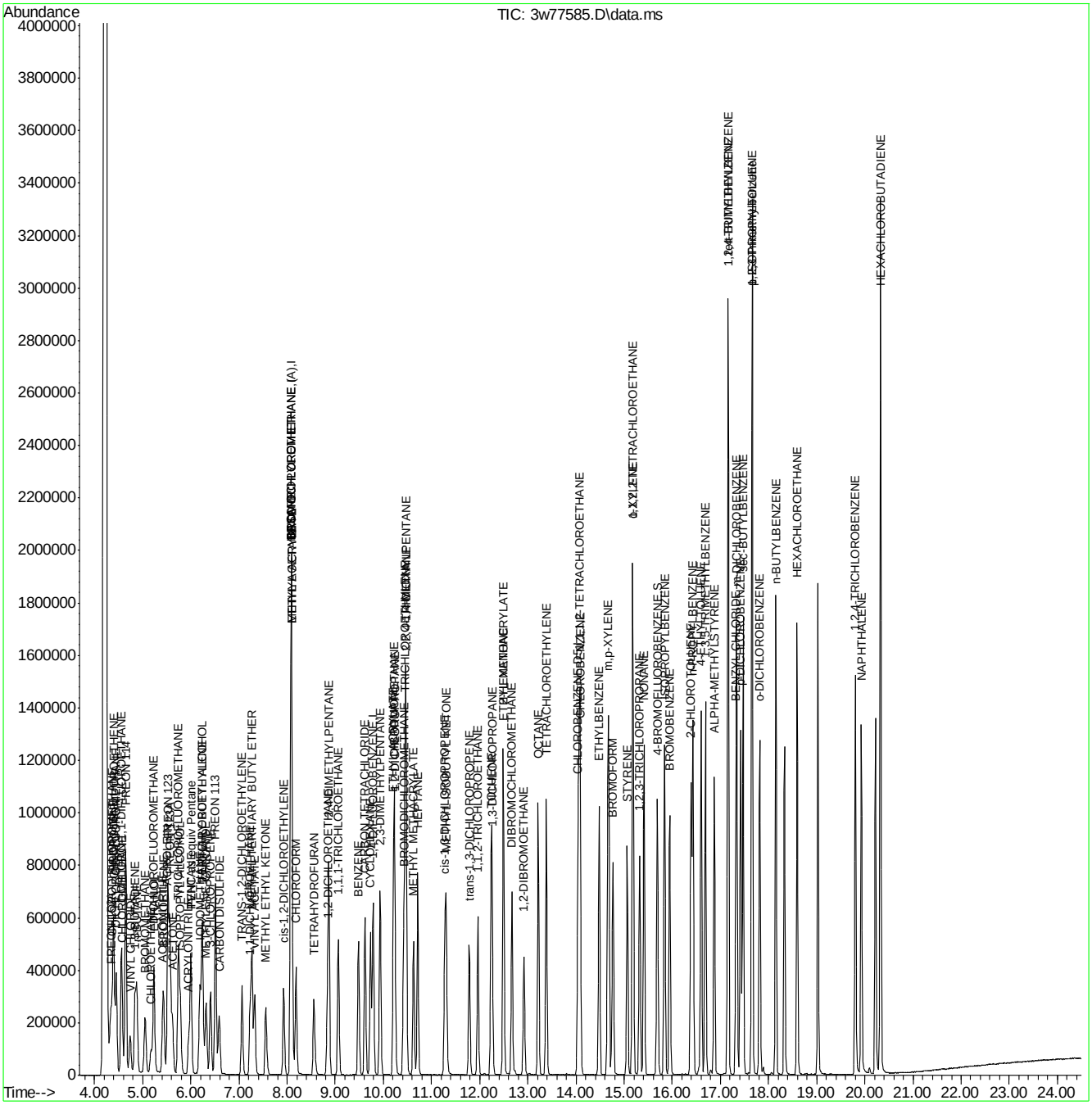
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) tert-BUTYLBENZENE	17.156	134	206251	11.00	PPBV	97
96) 1,2,4-TRIMETHYLBENZENE	17.162	105	925561	11.15	PPBV	98
97) m-DICHLOROBENZENE	17.339	146	600658	11.15	PPBV	99
98) BENZYL CHLORIDE	17.321	91	676815	11.78	PPBV	99
99) p-DICHLOROBENZENE	17.418	146	591463	11.36	PPBV	100
100) sec-BUTYLBENZENE	17.473	134	256752	10.55	PPBV	100
101) 1,2,3-Trimethylbenzene	17.661	105	949990	11.10	PPBV	98
102) p-ISOPROPYLTOLUENE	17.661	134	303645m	11.36	PPBV	
103) o-DICHLOROBENZENE	17.819	146	580957	10.83	PPBV	99
104) n-BUTYLBENZENE	18.154	134	282953	11.60	PPBV	98
105) HEXACHLOROETHANE	18.592	117	377078	9.76	PPBV	96
106) HEXACHLOROBUTADIENE	20.326	225	556438	10.02	PPBV	100
107) 1,2,4-TRICHLOROBENZENE	19.803	180	493189	12.38	PPBV	100
108) NAPHTHALENE	19.930	128	1116091	13.64	PPBV	99
110) TVHC as equiv Pentane	5.999	TIC	1480338	10.28	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 3w77585.D
Acq On : 6 Nov 2022 4:46 pm
Operator : thomash
Sample : icv3055-10
Misc : MS61115,V3W3055,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 16:53:09 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:19:02 2022
Response via : Initial Calibration



Manual Integration Approval Summary

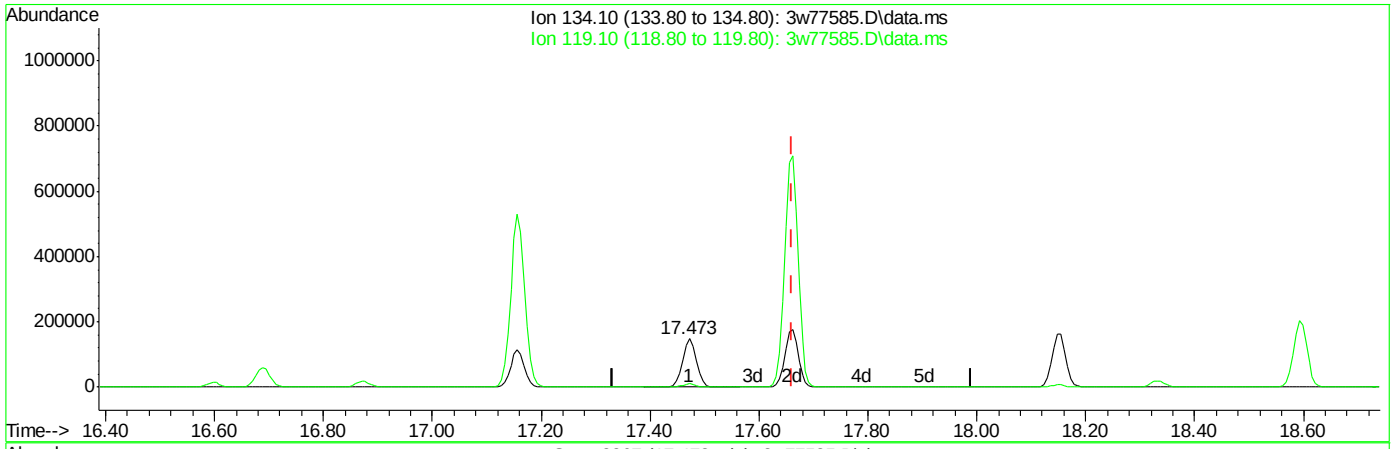
Sample Number:	V3W3055-ICV3055	**Method:**	TO-15
Lab FileID:	3W77585.D	**Analyst approved:**	11/07/22 18:32 Benjamin Kim
Injection Time:	11/06/22 16:46	**Supervisor approved:**	11/07/22 18:35 Kanya Veerawat

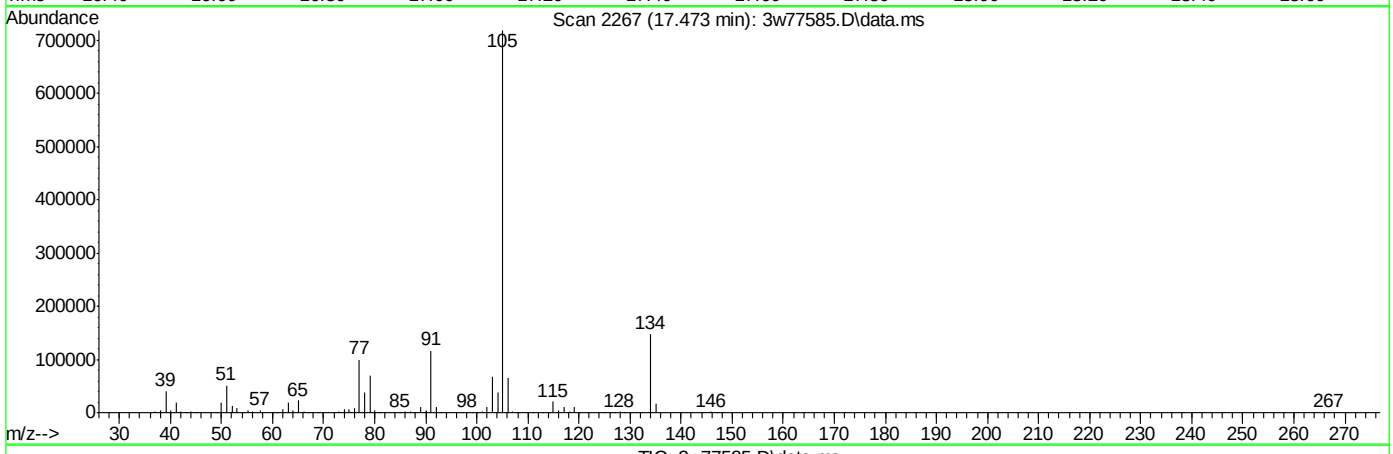
Parameter	CAS	Sig#	R.T. (min.)	Reason
p-Isopropyltoluene	99-87-6		17.66	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77585.D
Acq On : 6 Nov 2022 4:46 pm
Operator : thomash
Sample : icv3055-10
Misc : MS61115,V3W3056,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 14:57:09 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:19:02 2022
Response via : Initial Calibration





TIC: 3w77585.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.473min (-0.188) 9.61PPBV

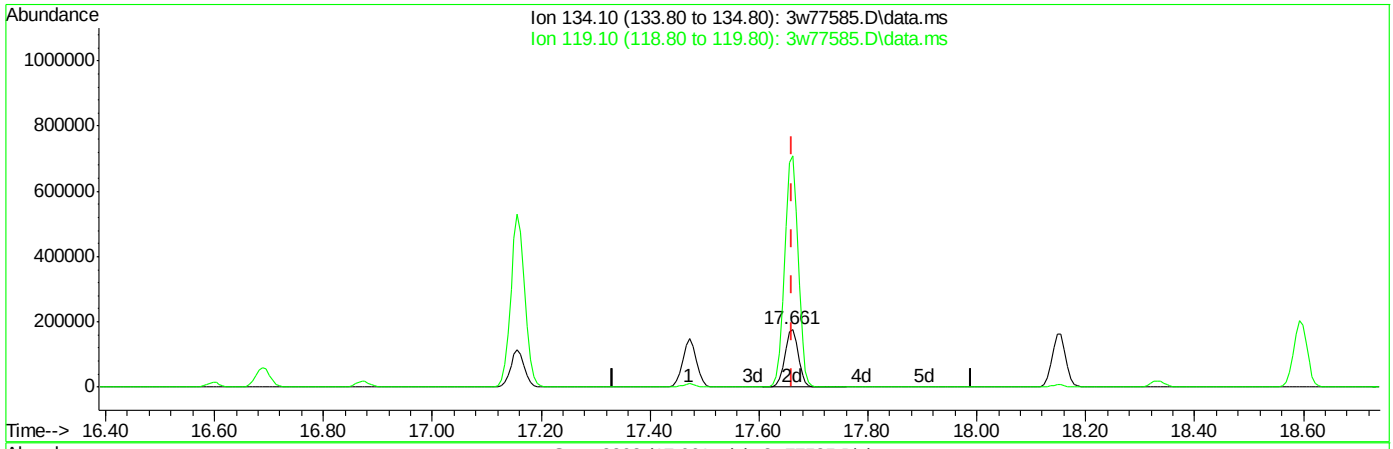
response 256752

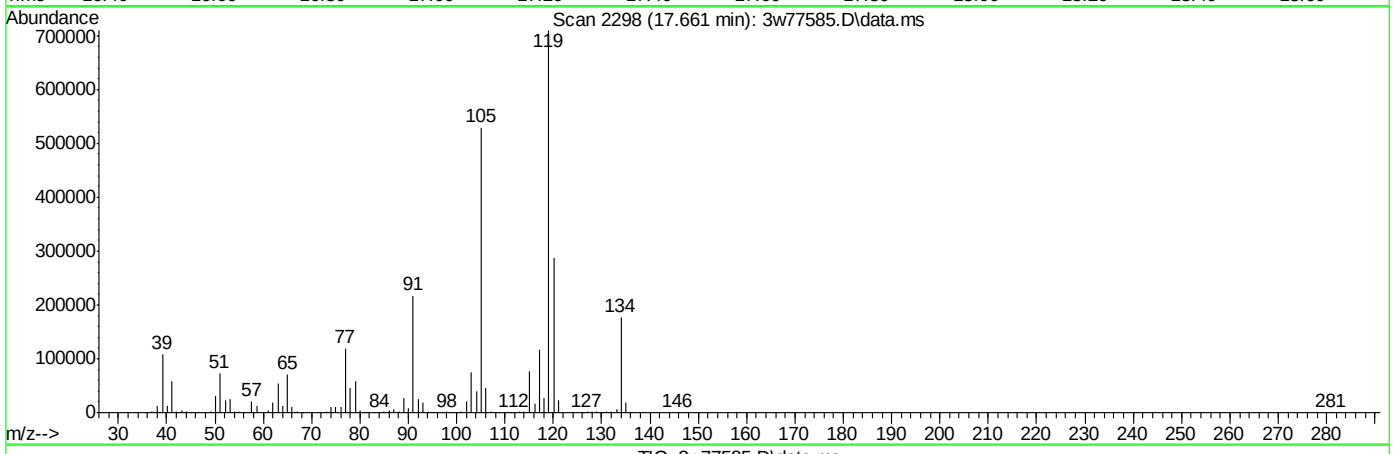
Ion	Exp%	Act%
134.10	100	100
119.10	6.30	7.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 3w77585.D
Acq On : 6 Nov 2022 4:46 pm
Operator : thomash
Sample : icv3055-10
Misc : MS61115,V3W3056,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 14:57:09 2022
Quant Method : C:\msdchem\1\methods\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:19:02 2022
Response via : Initial Calibration





TIC: 3w77585.D\data.ms

(102) p-ISOPROPYLTOLUENE

17.661min (+0.000) 11.36PPBV m

response 303645

Ion	Exp%	Act%
134.10	100	100
119.10	6.30	6.14
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78381.D
Acq On : 13 Dec 2022 12:01 pm
Operator : thomash
Sample : cc3055-10
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:29:57 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	8.007	128	121914	10.00	PPBV		-0.07
51) 1,4-DIFLUOROBENZENE	9.716	114	636595	10.00	PPBV		-0.07
70) CHLOROBENZENE-D5	13.975	82	349471	10.00	PPBV		-0.07
109) BROMOCHLOROMETHANE (A)	8.007	128	121914	10.00	PPBV		-0.07
System Monitoring Compounds							
85) 4-BROMOFLUOROBENZENE	15.623	95	412365	10.11	PPBV		-0.07
Spiked Amount 10.000	Range 65 - 128		Recovery = 101.10%				
Target Compounds							Qvalue
3) FREON 152A	4.290	65	111719	10.09	PPBV		96
4) CHLORODIFLUOROMETHANE	4.320	67	64220	11.49	PPBV		97
5) CHLOROTRIFLUOROETHENE	4.350	116	238209	9.64	PPBV	#	97
6) DICHLORODIFLUOROMETHANE	4.405	85	622284	10.53	PPBV		100
7) PROPYLENE	4.344	41	152489	8.75	PPBV		99
8) 1-CHLORO-1,1-DIFLUOROE...	4.509	65	441580	10.48	PPBV		96
9) FREON 114	4.594	85	441116	9.22	PPBV		99
10) CHLOROMETHANE	4.527	52	40937	8.18	PPBV	#	85
11) VINYL CHLORIDE	4.685	62	153488	8.91	PPBV		99
12) 1,3-BUTADIENE	4.782	54	102349	7.85	PPBV		94
13) n-BUTANE	4.819	43	228213	7.35	PPBV		99
14) BROMOMETHANE	4.989	94	143221	8.73	PPBV		97
15) CHLOROETHANE	5.111	64	69074	9.27	PPBV	#	75
16) DICHLOROFLUOROMETHANE	5.166	67	376491	10.03	PPBV		99
17) ACETONITRILE	5.354	41	131536	7.14	PPBV		96
18) ACROLEIN	5.452	56	61838	9.42	PPBV		95
19) FREON 123	5.464	83	394445	9.41	PPBV		98
20) FREON 123A	5.500	117	218858	9.39	PPBV		94
21) TRICHLOROFLUOROMETHANE	5.677	101	563908	11.06	PPBV		99
22) ISOPROPYL ALCOHOL	5.725	45	371658	9.42	PPBV		97
23) ACETONE	5.549	58	78113	8.42	PPBV		98
24) PENTANE	5.932	42	203338	9.25	PPBV		96
25) IODOMETHANE	6.121	142	519771	10.65	PPBV		91
26) 1,1-DICHLOROETHYLENE	6.163	96	182757	10.31	PPBV		97
27) CARBON DISULFIDE	6.516	76	566718	10.74	PPBV		98
28) ETHANOL	5.190	45	68285	7.89	PPBV		98
29) BROMOETHENE	5.372	106	140122	9.03	PPBV		96
30) ACRYLONITRILE	5.896	52	113855	10.79	PPBV		97
31) METHYLENE CHLORIDE	6.248	84	170572	9.78	PPBV		93
32) 3-CHLOROPROPENE	6.340	76	91972	10.84	PPBV	#	88
33) FREON 113	6.443	151	340968	10.68	PPBV		100
34) TRANS-1,2-DICHLOROETHY...	6.991	96	194506	10.75	PPBV		98
35) TERTIARY BUTYL ALCOHOL	6.188	59	447814	10.77	PPBV		99
36) METHYL TERTIARY BUTYL ...	7.204	73	598260	11.01	PPBV		96
37) TETRAHYDROFURAN	8.487	72	94300	11.03	PPBV	#	90
38) HEXANE	8.019	57	285925	9.94	PPBV		99
39) VINYL ACETATE	7.258	86	42920	11.20	PPBV	#	95
40) 1,1-DICHLOROETHANE	7.161	63	364020	10.61	PPBV		99
41) METHYL ETHYL KETONE	7.490	72	96110	11.19	PPBV	#	90
42) cis-1,2-DICHLOROETHYLENE	7.861	96	200949	10.74	PPBV		99
43) DIISOPROPYL ETHER	8.013	59	86681	9.84	PPBV	#	87
44) ETHYL ACETATE	8.031	61	61913	10.19	PPBV	#	81
45) METHYL ACRYLATE	8.031	55	351975	10.23	PPBV		99
46) CHLOROFORM	8.116	83	458193	11.01	PPBV		98
47) 2,4-DIMETHYLPENTANE	8.797	57	345763	10.41	PPBV		98
48) 1,1,1-TRICHLOROETHANE	8.992	97	491747	11.20	PPBV		99
49) CARBON TETRACHLORIDE	9.546	117	539943	11.49	PPBV		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78381.D
Acq On : 13 Dec 2022 12:01 pm
Operator : thomash
Sample : cc3055-10
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:29:57 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50)	1,2-DICHLOROETHANE	8.767	62	320644	11.33	PPBV		99
52)	BENZENE	9.412	78	604929	10.05	PPBV		99
53)	CYCLOHEXANE	9.661	84	253613	9.43	PPBV		96
54)	2,3-DIMETHYLPENTANE	9.862	71	132696	9.99	PPBV		97
55)	TRICHLOROETHYLENE	10.385	95	280500	9.93	PPBV		96
56)	1,2-DICHLOROPROPANE	10.166	63	225533	9.40	PPBV		94
57)	DIBROMOMETHANE	10.148	174	259982	10.15	PPBV		99
58)	ETHYL ACRYLATE	10.142	55	456251	10.15	PPBV		99
59)	BROMODICHLOROMETHANE	10.349	83	515713	10.56	PPBV		98
60)	2,2,4-TRIMETHYLPENTANE	10.397	57	941374	9.71	PPBV		98
61)	1,4-DIOXANE	10.391	88	137165	10.73	PPBV	#	92
62)	HEPTANE	10.641	43	366864	9.01	PPBV		94
63)	METHYL METHACRYLATE	10.556	69	230455	10.74	PPBV		93
64)	METHYL ISOBUTYL KETONE	11.237	58	182205	10.30	PPBV		95
65)	cis-1,3-DICHLOROPROPENE	11.207	75	382026	10.60	PPBV		99
66)	TOLUENE	12.168	92	412670	9.49	PPBV		99
67)	1,3-DICHLOROPROPANE	12.192	76	357157	9.79	PPBV	#	73
68)	trans-1,3-DICHLOROPROPENE	11.712	75	364704	11.10	PPBV		98
69)	1,1,2-TRICHLOROETHANE	11.894	83	223784	9.96	PPBV		98
71)	2-HEXANONE	12.423	58	249448	11.41	PPBV		96
72)	ETHYL METHACRYLATE	12.429	69	386153	11.10	PPBV		96
73)	TETRACHLOROETHYLENE	13.312	164	310566	9.64	PPBV		99
74)	DIBROMOCHLOROMETHANE	12.600	129	494301	10.28	PPBV		100
75)	1,2-DIBROMOETHANE	12.849	107	393059	10.23	PPBV		99
76)	OCTANE	13.147	43	511790	9.25	PPBV		95
77)	1,1,1,2-TETRACHLOROETHANE	13.999	131	341077	9.92	PPBV		96
78)	CHLOROBENZENE	14.023	112	554956	9.44	PPBV		94
79)	ETHYLBENZENE	14.413	91	974573	9.48	PPBV		98
80)	m,p-XYLENE	14.607	106	716431	18.37	PPBV		97
81)	o-XYLENE	15.112	106	343925	9.19	PPBV		94
82)	STYRENE	14.997	104	553969	10.48	PPBV		96
83)	NONANE	15.350	43	539638	9.36	PPBV		98
84)	BROMOFORM	14.699	173	516212	10.83	PPBV		99
86)	1,1,2,2-TETRACHLOROETHANE	15.112	83	552199	9.67	PPBV		98
87)	1,2,3-TRICHLOROPROPANE	15.252	75	447061	10.00	PPBV		98
88)	ISOPROPYLBENZENE	15.769	105	1071829	9.86	PPBV		98
89)	BROMOBENZENE	15.879	77	532995	10.32	PPBV		96
90)	2-CHLOROTOLUENE	16.323	126	270135	9.75	PPBV		99
91)	n-PROPYLBENZENE	16.365	120	292909	10.14	PPBV		99
92)	4-ETHYLTOLUENE	16.536	105	1076835	10.42	PPBV		99
93)	1,3,5-TRIMETHYLBENZENE	16.627	105	918575	10.44	PPBV		99
94)	ALPHA-METHYLSTYRENE	16.810	118	457079	10.78	PPBV		98
95)	tert-BUTYLBENZENE	17.095	134	192321	9.58	PPBV	#	85
96)	1,2,4-TRIMETHYLBENZENE	17.102	105	927517	10.44	PPBV		99
97)	m-DICHLOROBENZENE	17.278	146	594096	10.31	PPBV		99
98)	BENZYL CHLORIDE	17.260	91	808498	13.15	PPBV		98
99)	p-DICHLOROBENZENE	17.357	146	584676	10.50	PPBV		99
100)	sec-BUTYLBENZENE	17.412	134	253987	9.75	PPBV		93
101)	1,2,3-Trimethylbenzene	17.600	105	952521	10.40	PPBV		98
102)	p-ISOPROPYLTOLUENE	17.412	134	253987	8.88	PPBV		96
103)	o-DICHLOROBENZENE	17.759	146	586605	10.21	PPBV		99
104)	n-BUTYLBENZENE	18.093	134	277669	10.64	PPBV		94
105)	HEXACHLOROETHANE	18.537	117	424112	10.25	PPBV		92
106)	HEXACHLOROBUTADIENE	20.271	225	777916	13.09	PPBV		100
107)	1,2,4-TRICHLOROBENZENE	19.748	180	549406	12.89	PPBV		99
108)	NAPHTHALENE	19.870	128	1138515	13.00	PPBV		99
110)	TVHC as equiv Pentane	5.932	TIC	1300599	9.89	PPBV		100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78381.D
Acq On : 13 Dec 2022 12:01 pm
Operator : thomash
Sample : cc3055-10
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:29:57 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration

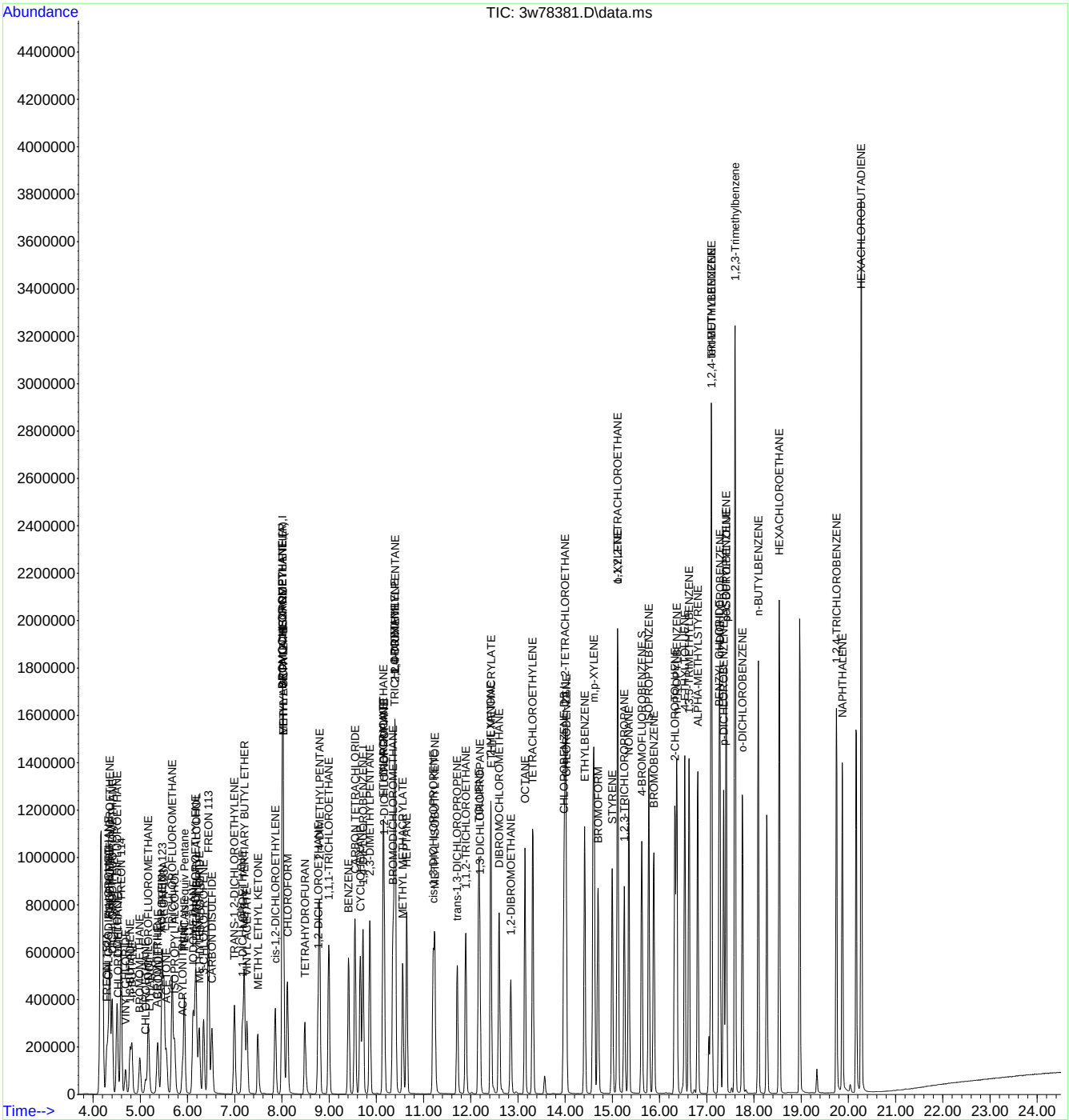
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 3w78381.D
Acq On : 13 Dec 2022 12:01 pm
Operator : thomash
Sample : cc3055-10
Misc : MS64658,V3W3087,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 10:29:57 2022
Quant Method : C:\msdchem\1\METHODS\M3W3055.M
Quant Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
QLast Update : Mon Nov 07 14:21:45 2022
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/20/22 12:15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 09:48:06 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

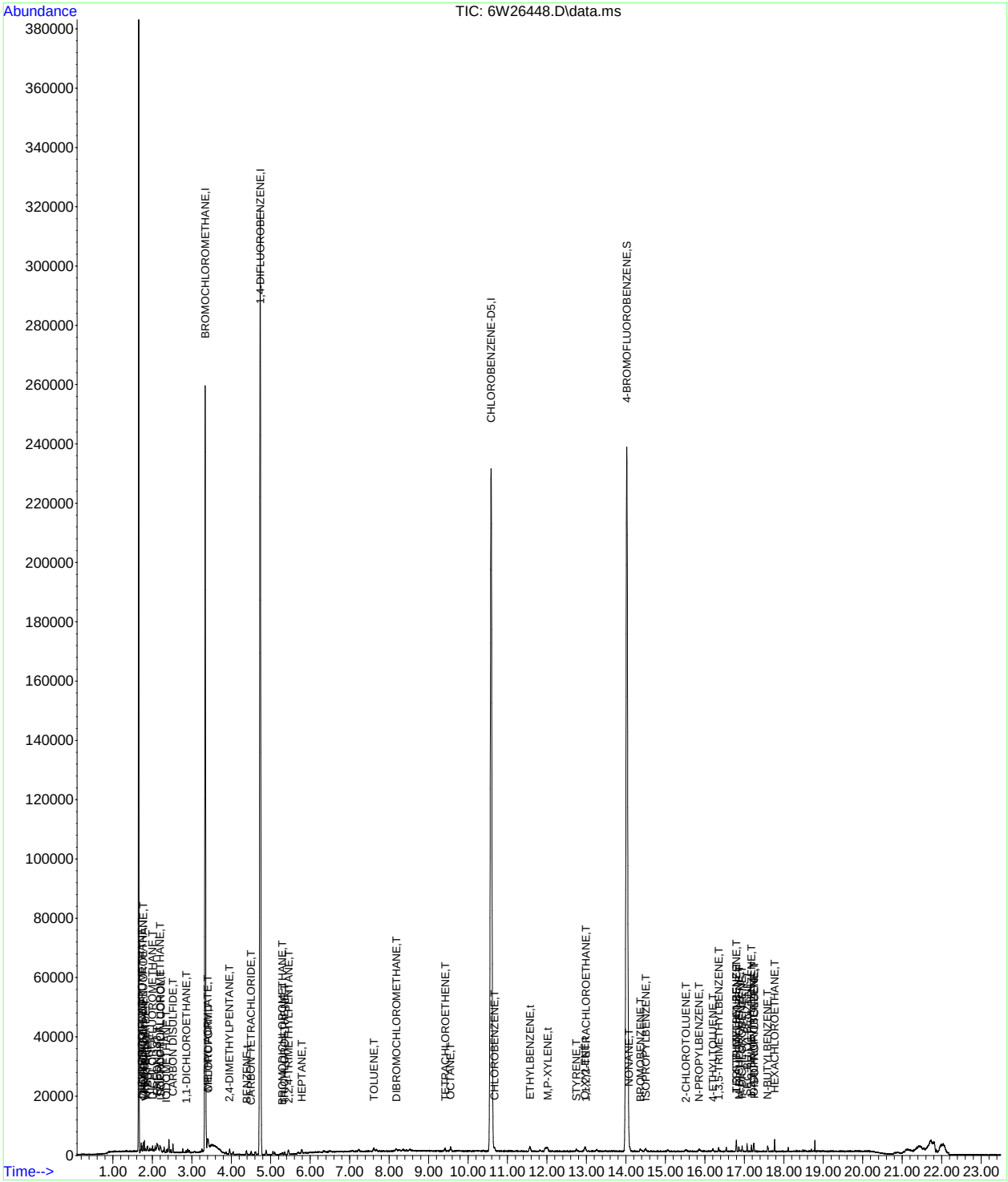
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.341	128	49562	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	238408	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.585	117	206644	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.022	95	141592	9.68	PPBV	0.00
Target Compounds						Qvalue
6) DICHLORODIFLUOROMETHANE	1.734	85	578m	0.04	PPBV	
8) 1-CHLORO-1,1-DIFLUOROE...	1.769	65	563	0.04	PPBV	# 2
9) FREON 114	1.801	85	673	0.04	PPBV	# 24
10) CHLOROMETHANE	1.775	52	113m	0.06	PPBV	
11) VINYL CHLORIDE	1.830	62	269m	0.04	PPBV	
13) N-BUTANE	1.878	43	745	0.07	PPBV	# 65
16) DICHLOROFLUOROMETHANE	2.004	67	557	0.04	PPBV	# 49
19) FREON 123	2.116	83	508	0.04	PPBV	# 83
21) TRICHLOROFLUOROMETHANE	2.193	101	689	0.05	PPBV	# 25
22) ISOPROPYL ALCOHOL	2.216	45	815	0.06	PPBV	# 63
25) IODOMETHANE	2.357	142	562	0.04	PPBV	# 38
27) CARBON DISULFIDE	2.521	76	771	0.04	PPBV	# 73
40) 1,1-DICHLOROETHANE	2.856	63	522	0.04	PPBV	# 50
45) METHYL ACRYLATE	3.402	55	500	0.03	PPBV	# 65
46) CHLOROFORM	3.418	83	561	0.04	PPBV	# 18
47) 2,4-DIMETHYLPENTANE	3.955	57	563	0.04	PPBV	# 31
49) CARBON TETRACHLORIDE	4.499	117	548	0.04	PPBV	# 86
51) BENZENE	4.389	78	986	0.05	PPBV	# 66
55) TRICHLOROETHENE	5.344	95	322m	0.03	PPBV	
59) BROMODICHLOROMETHANE	5.290	83	595	0.04	PPBV	# 18
60) 2,2,4-TRIMETHYLPENTANE	5.450	57	1425	0.04	PPBV	# 48
62) HEPTANE	5.785	43	669	0.04	PPBV	# 15
66) TOLUENE	7.611	91	1324	0.05	PPBV	94
72) TETRACHLOROETHENE	9.421	164	234m	0.03	PPBV	
73) DIBROMOCHLOROMETHANE	8.180	129	522	0.03	PPBV	# 21
75) OCTANE	9.556	43	883	0.04	PPBV	# 23
78) CHLOROBENZENE	10.666	112	697	0.03	PPBV	# 30
79) ETHYLBENZENE	11.572	91	2155	0.07	PPBV	95
80) M,P-XYLENE	12.016	91	2929m	0.12	PPBV	
81) O-XYLENE	12.958	91	1490	0.06	PPBV	# 82
82) STYRENE	12.740	104	652	0.03	PPBV	# 33
83) NONANE	14.077	43	931	0.04	PPBV	# 45
85) 1,1,2,2-TETRACHLOROETHANE	12.984	83	634	0.03	PPBV	# 25
88) ISOPROPYLBENZENE	14.502	105	1396	0.04	PPBV	# 53
89) BROMOBENZENE	14.370	77	607	0.03	PPBV	# 17
90) 2-CHLOROTOLUENE	15.521	91	800	0.03	PPBV	# 47
91) N-PROPYLBENZENE	15.852	91	1361	0.03	PPBV	# 56
92) 4-ETHYLTOLUENE	16.199	105	937	0.03	PPBV	# 49
93) 1,3,5-TRIMETHYLBENZENE	16.350	105	883	0.03	PPBV	# 34
95) TERT-BUTYLBENZENE	16.797	119	984	0.03	PPBV	# 85
96) 1,2,4-TRIMETHYLBENZENE	16.797	105	846	0.03	PPBV	# 72
98) M-DICHLOROBENZENE	16.865	146	574	0.03	PPBV	# 25
99) P-DICHLOROBENZENE	16.942	146	609	0.03	PPBV	# 26
100) O-DICHLOROBENZENE	17.238	146	606	0.03	PPBV	# 25
101) SEC-BUTYLBENZENE	17.071	105	1170	0.03	PPBV	# 60
102) 1,2,3-TRIMETHYLBENZENE	17.180	105	809	0.03	PPBV	# 39
103) P-ISOPROPYLTOLUENE	17.251	119	921	0.02	PPBV	# 53
104) N-BUTYLBENZENE	17.585	91	731	0.02	PPBV	# 32
105) HEXACHLOROETHANE	17.765	117	506	0.04	PPBV	# 4

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 09:48:06 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



Manual Integration Approval Summary

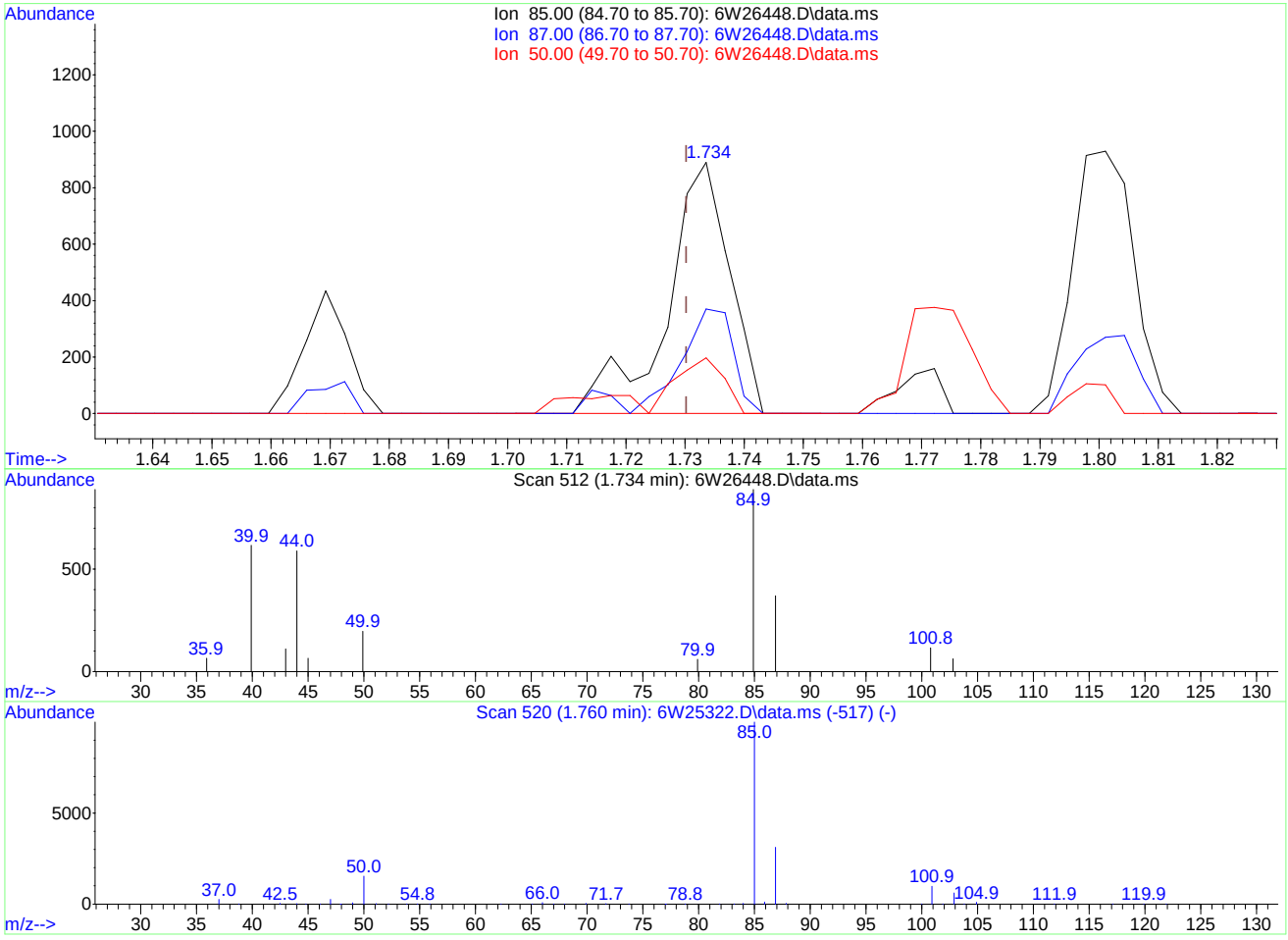
Sample Number: V6W1125-IC1125 **Method:** TO-15
Lab FileID: 6W26448.D **Analyst approved:** 10/20/22 10:04 Thomas Hilbig
Injection Time: 10/19/22 19:10 **Supervisor approved:** 10/20/22 12:15 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Dichlorodifluoromethane	75-71-8		1.73	Overlapping peak
Chloromethane	74-87-3		1.78	Missed peak
Vinyl chloride	75-01-4		1.83	Missed peak
Trichloroethylene	79-01-6		5.34	Missed peak
Tetrachloroethylene	127-18-4		9.42	Missed peak
m,p-Xylene			12.02	Split peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26448.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.734min (+0.003) 0.04PPBV

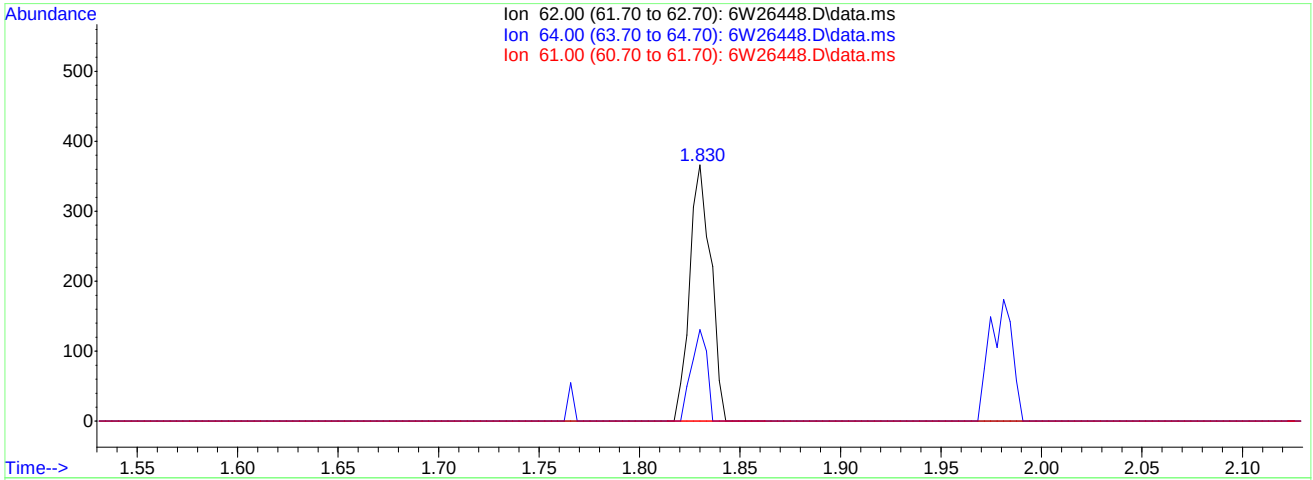
response 657

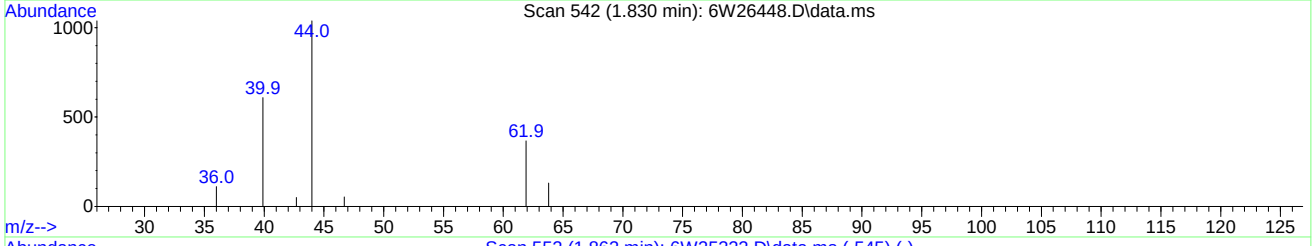
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	0.00#
50.00	9.30	0.00#
0.00	0.00	0.00

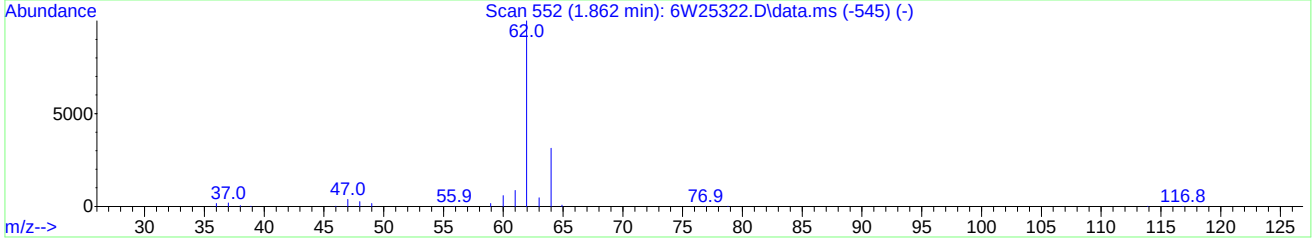
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26448.D\data.ms

(11) VINYL CHLORIDE (T)

1.830min (+0.000) 0.04PPBV m

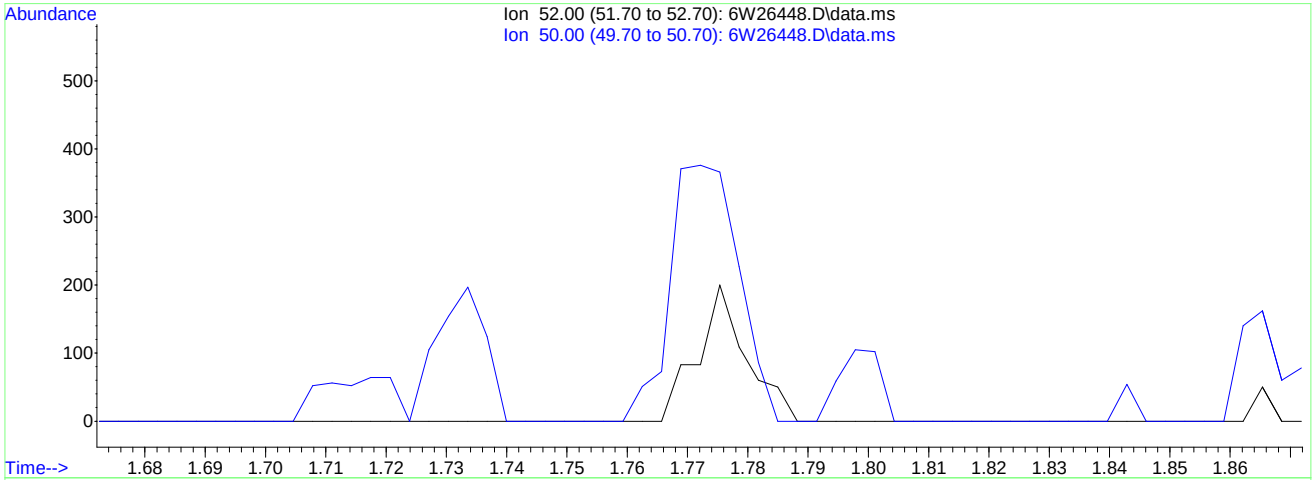
response 269

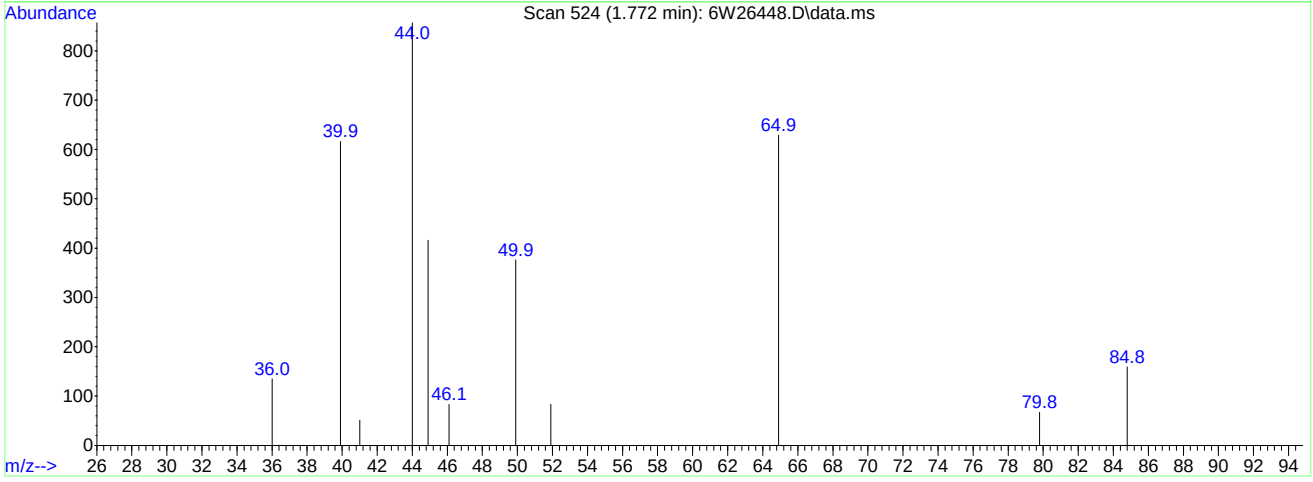
Ion	Exp%	Act%
62.00	100	100
64.00	32.10	0.00#
61.00	8.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26448.D\data.ms

(10) CHLOROMETHANE (T)

1.772min (-1.772) 0.00PPBV

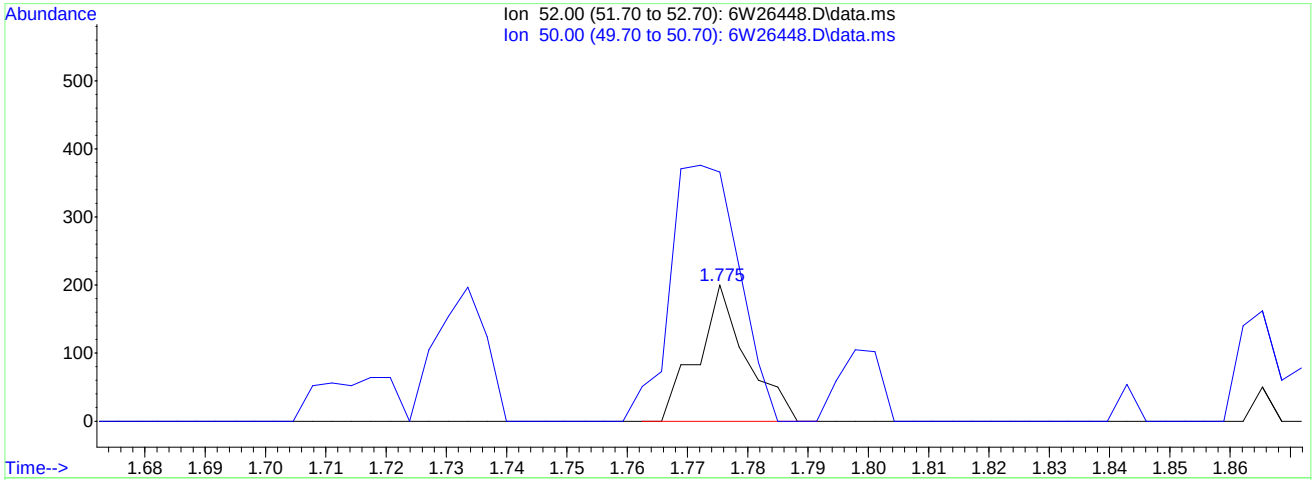
response 0

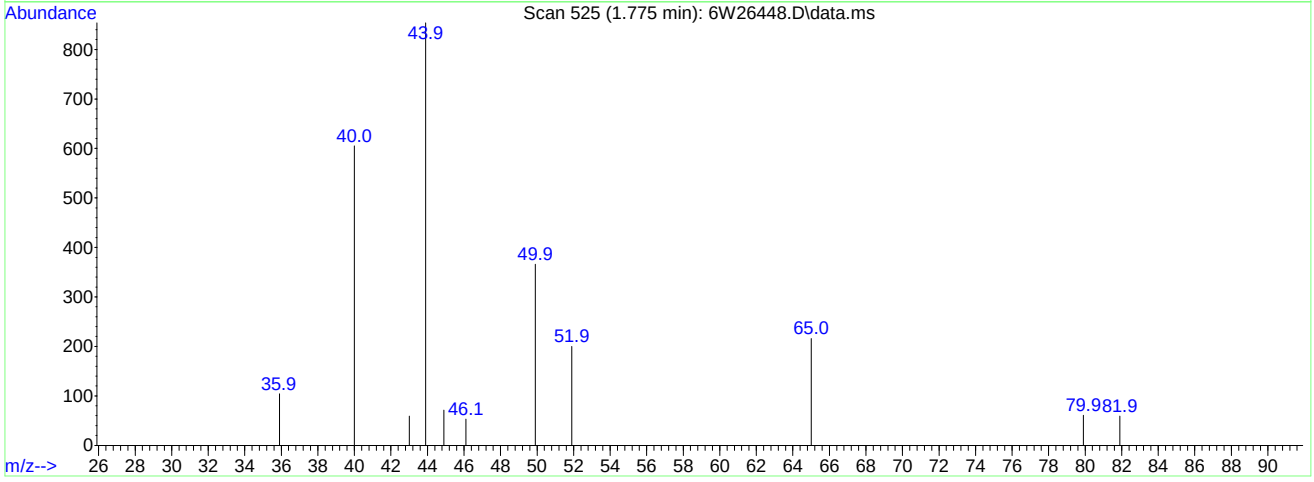
Ion	Exp%	Act%
52.00	100	0.00
50.00	310.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26448.D\data.ms

(10) CHLOROMETHANE (T)

1.775min (+0.003) 0.06PPBV m

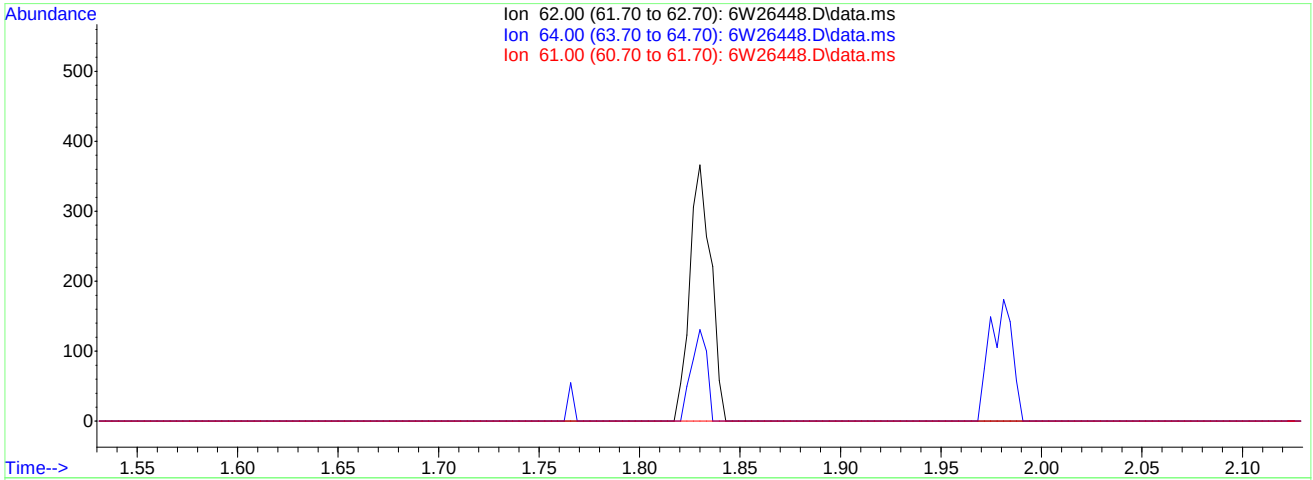
response 113

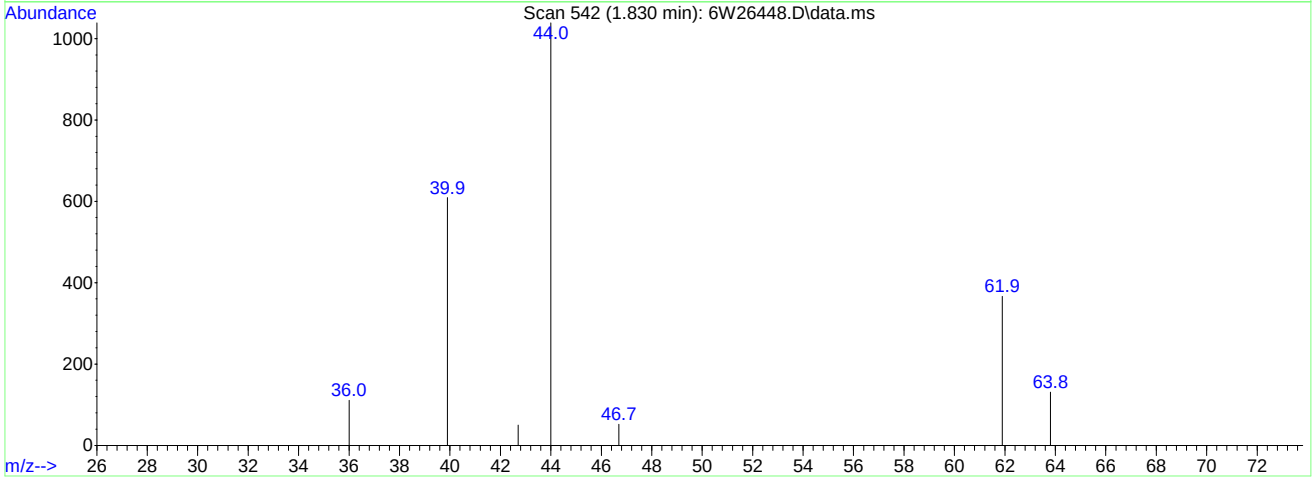
Ion	Exp%	Act%
52.00	100	100
50.00	310.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26448.D\data.ms

(11) VINYL CHLORIDE (T)

1.830min (-1.830) 0.00PPBV

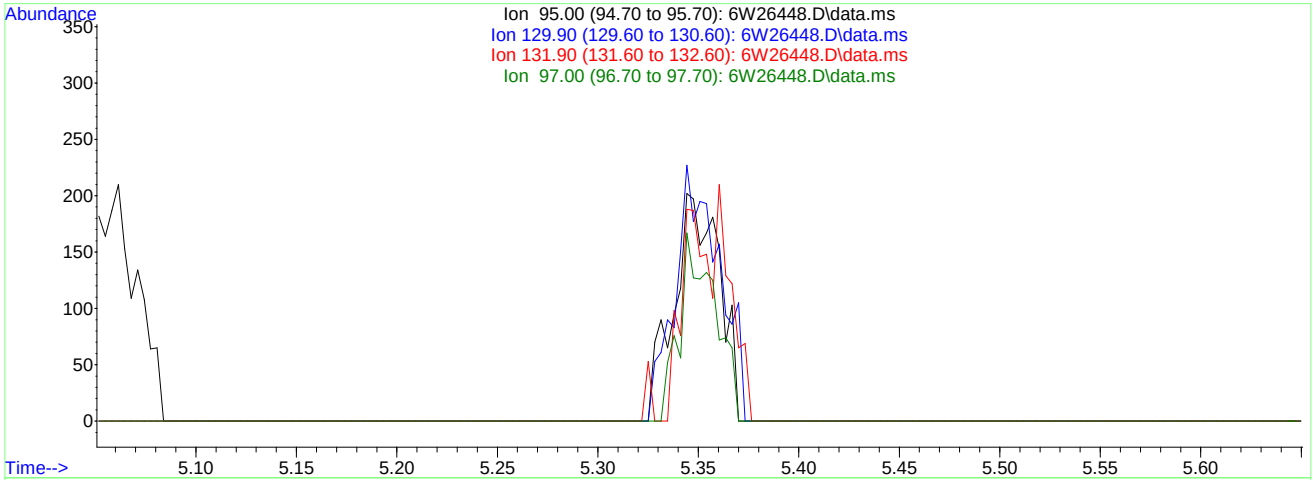
response 0

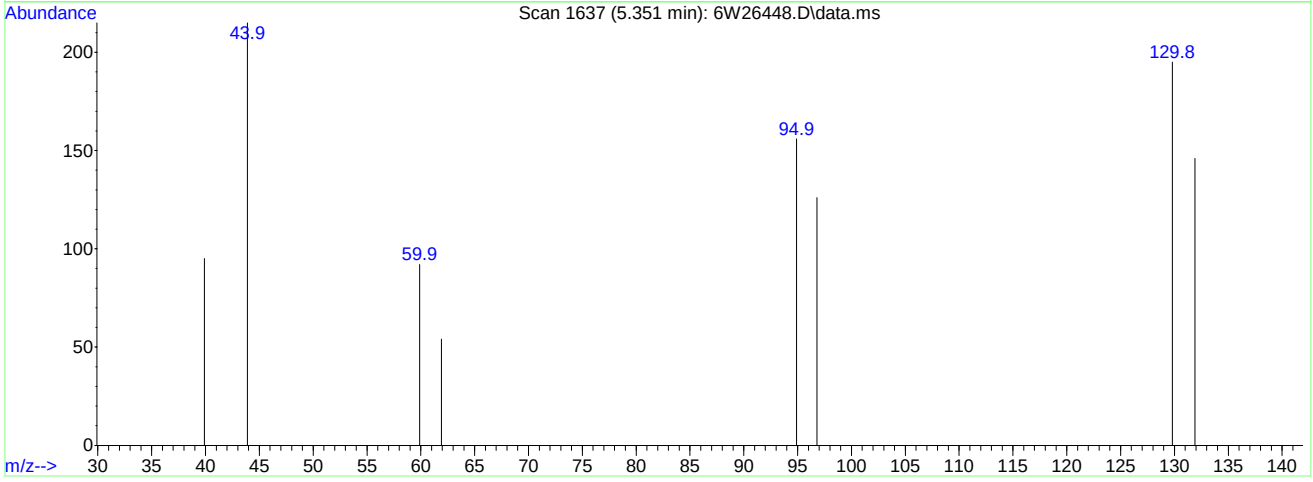
Ion	Exp%	Act%
62.00	100	0.00
64.00	32.10	0.00#
61.00	8.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26448.D\data.ms

(55) TRICHLOROETHENE (T)

5.351min (-5.351) 0.00PPBV

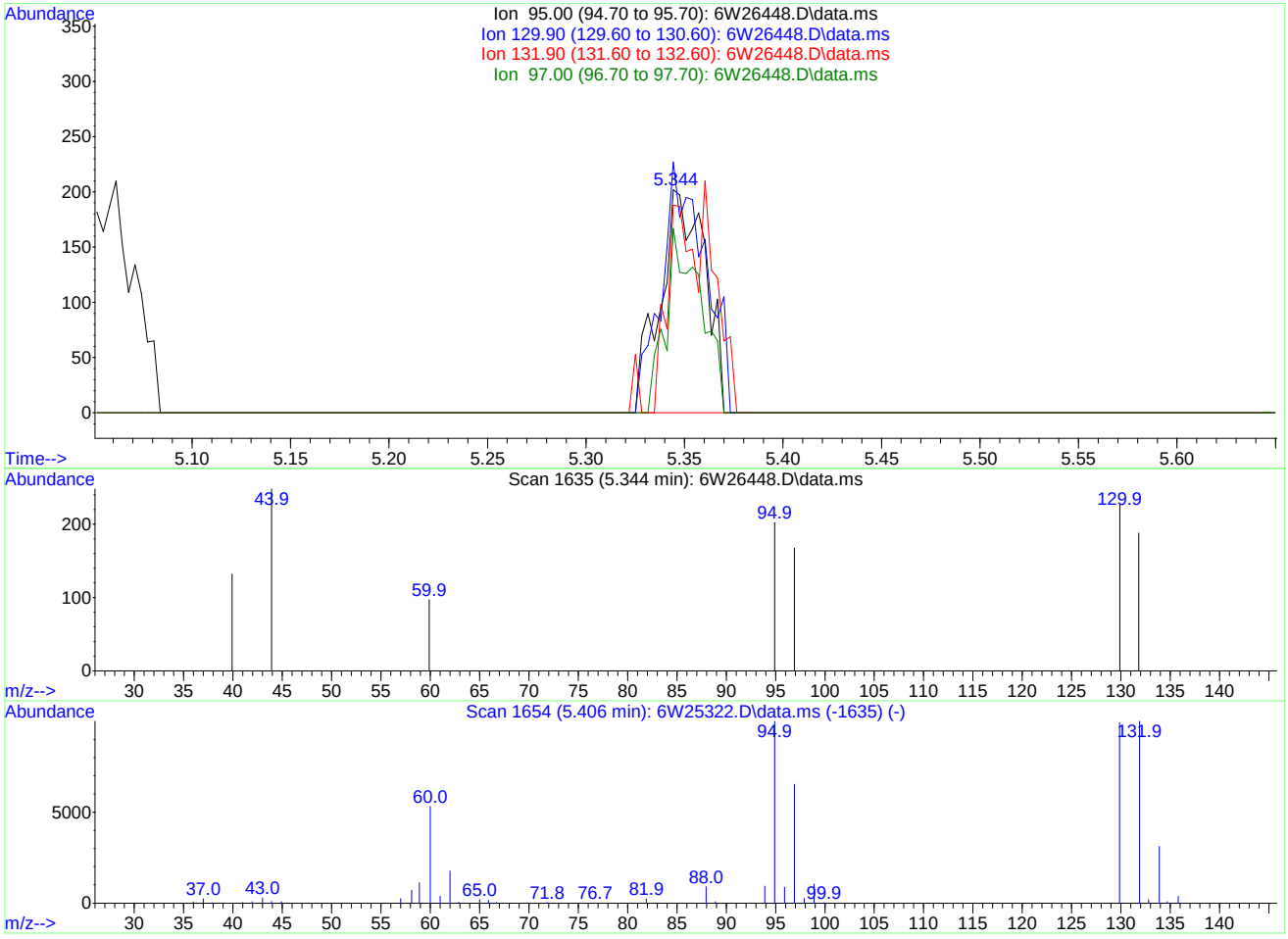
response 0

Ion	Exp%	Act%
95.00	100	0.00
129.90	104.00	0.00#
131.90	99.70	0.00#
97.00	64.10	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26448.D\data.ms

(55) TRICHLOROETHENE (T)

5.344min (-0.006) 0.03PPBV m

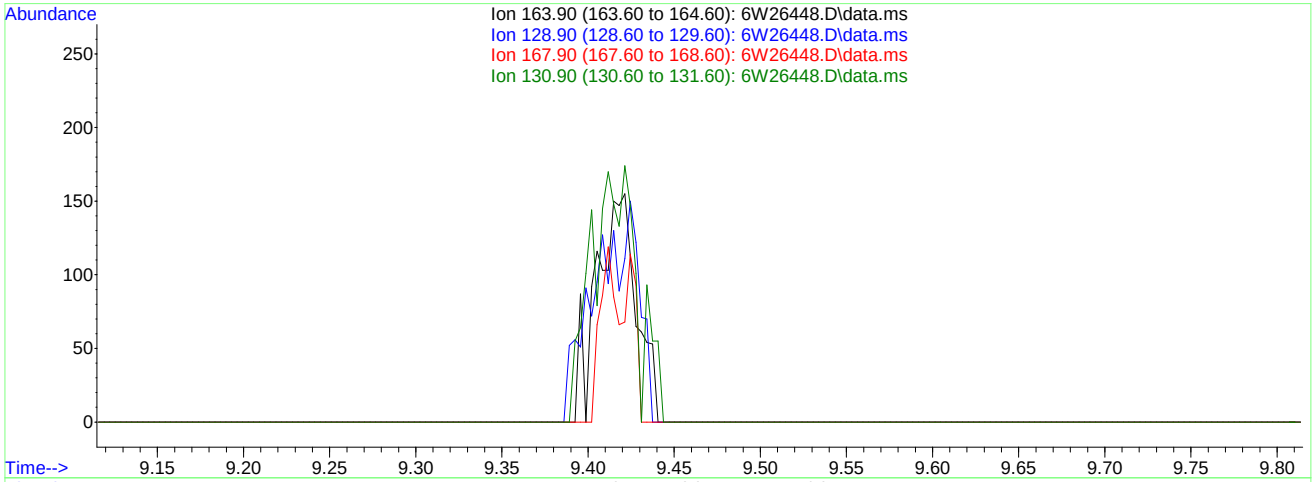
response 322

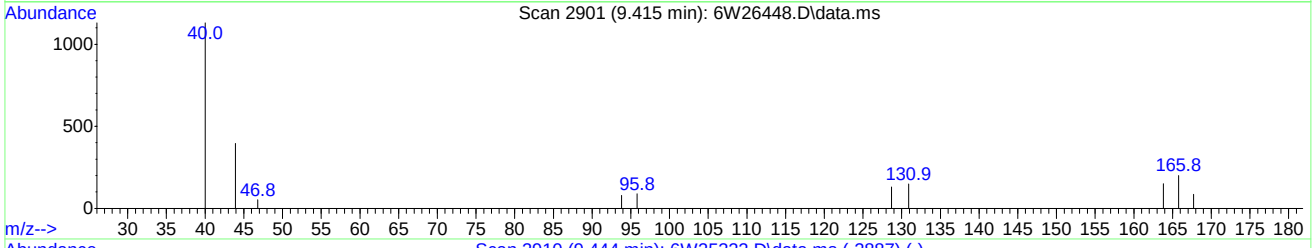
Ion	Exp%	Act%
95.00	100	100
129.90	104.00	0.00#
131.90	99.70	0.00#
97.00	64.10	0.00#

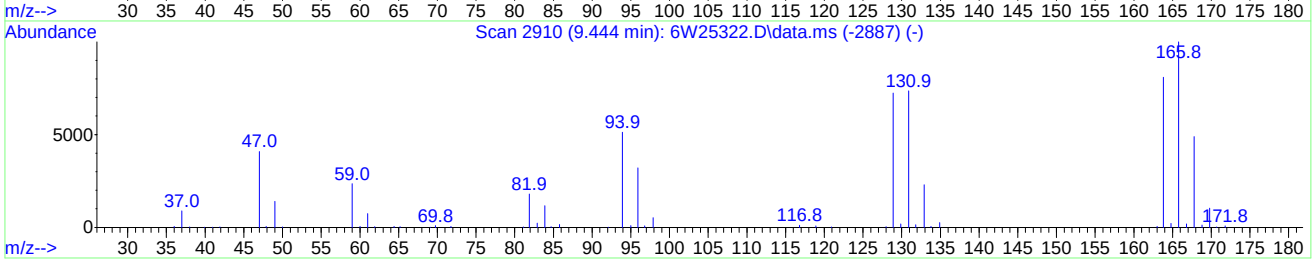
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26448.D\data.ms

(72) TETRACHLOROETHENE (T)

9.415min (-9.415) 0.00PPBV

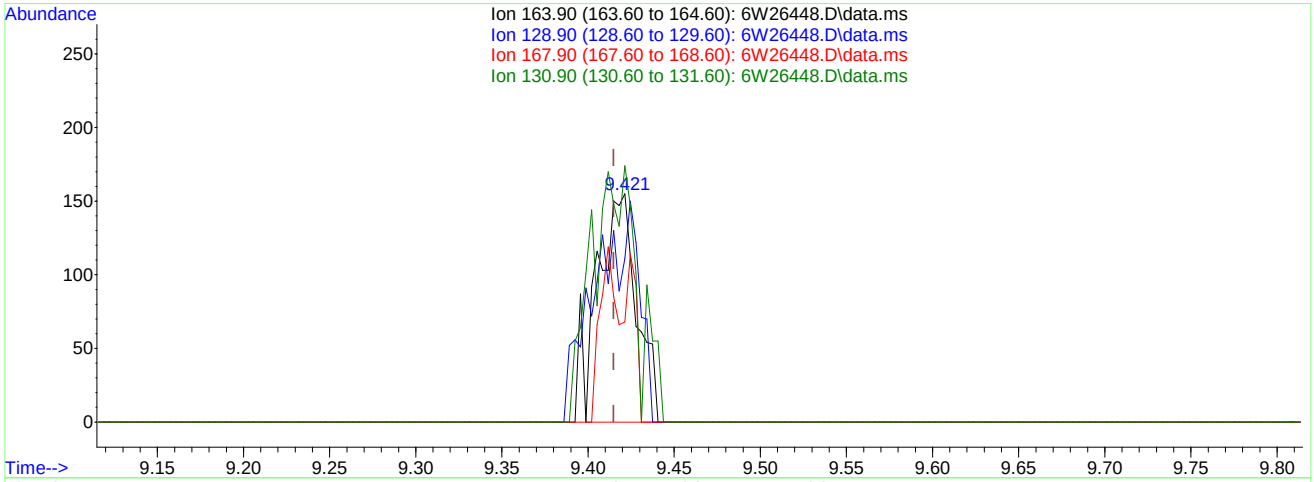
response 0

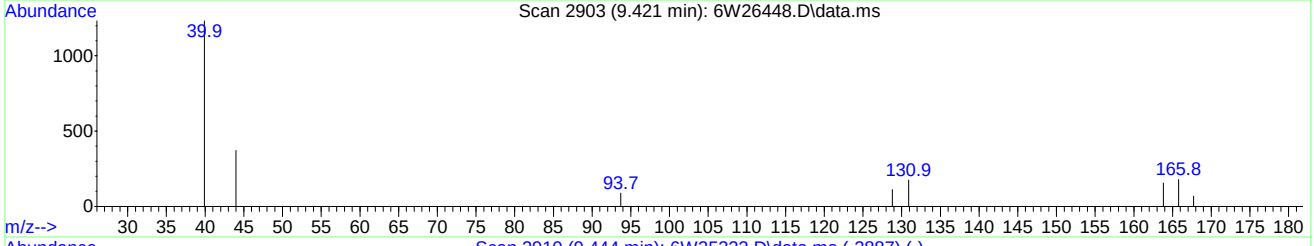
Ion	Exp%	Act%
163.90	100	0.00
128.90	90.00	0.00#
167.90	60.70	0.00#
130.90	86.30	0.00#

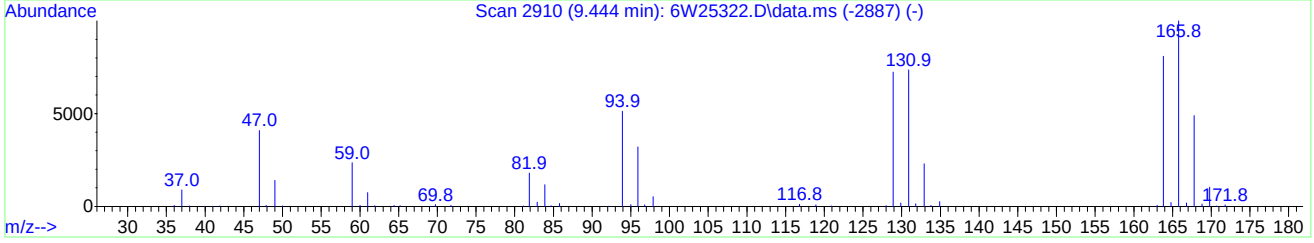
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26448.D\data.ms

(72) TETRACHLOROETHENE (T)

9.421min (+0.007) 0.03PPBV m

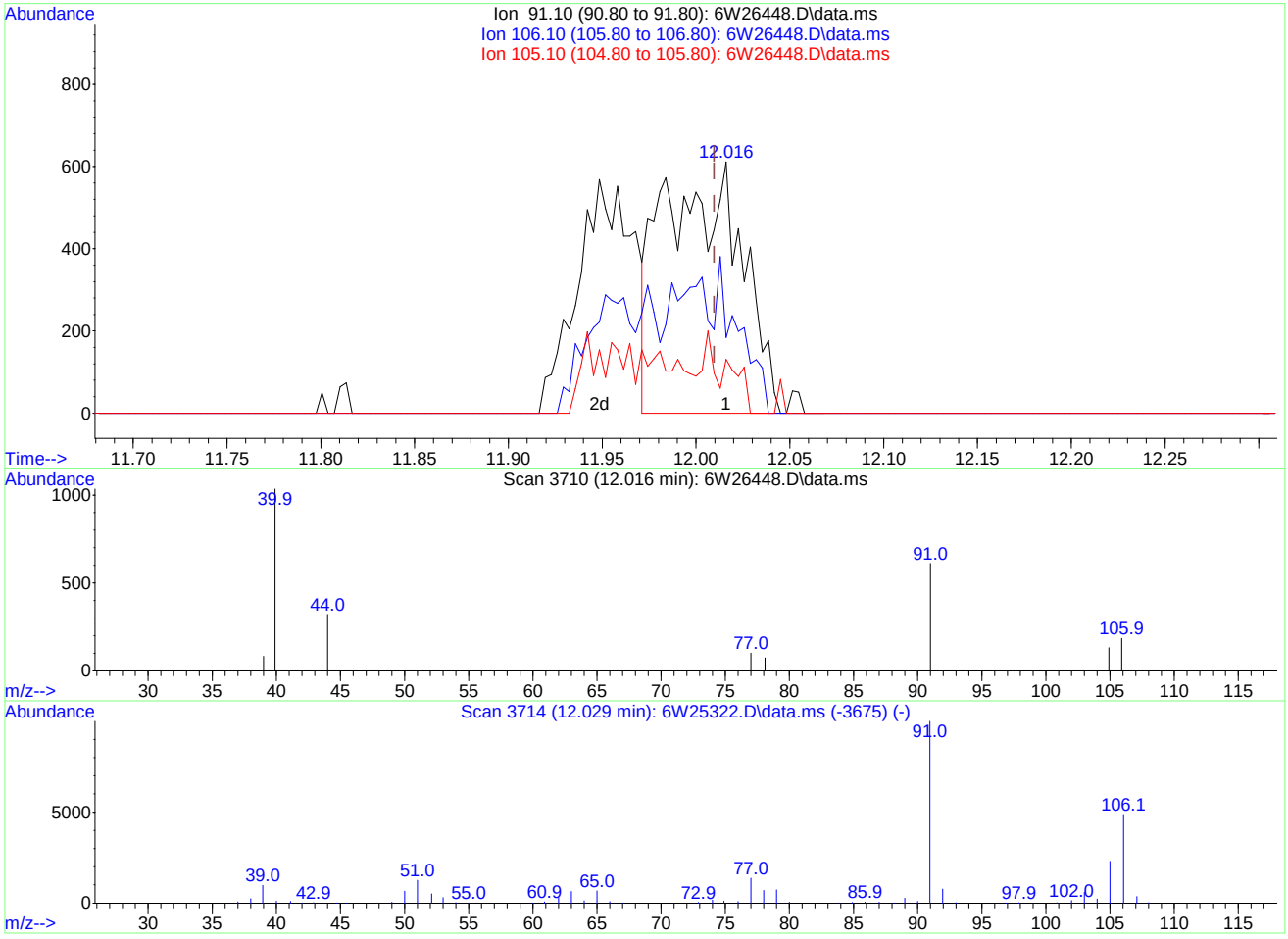
response 234

Ion	Exp%	Act%
163.90	100	100
128.90	90.00	0.00#
167.90	60.70	0.00#
130.90	86.30	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26448.D\data.ms

(80) M,P-XYLENE (t)

12.016min (+0.007) 0.07PPBV

response 1786

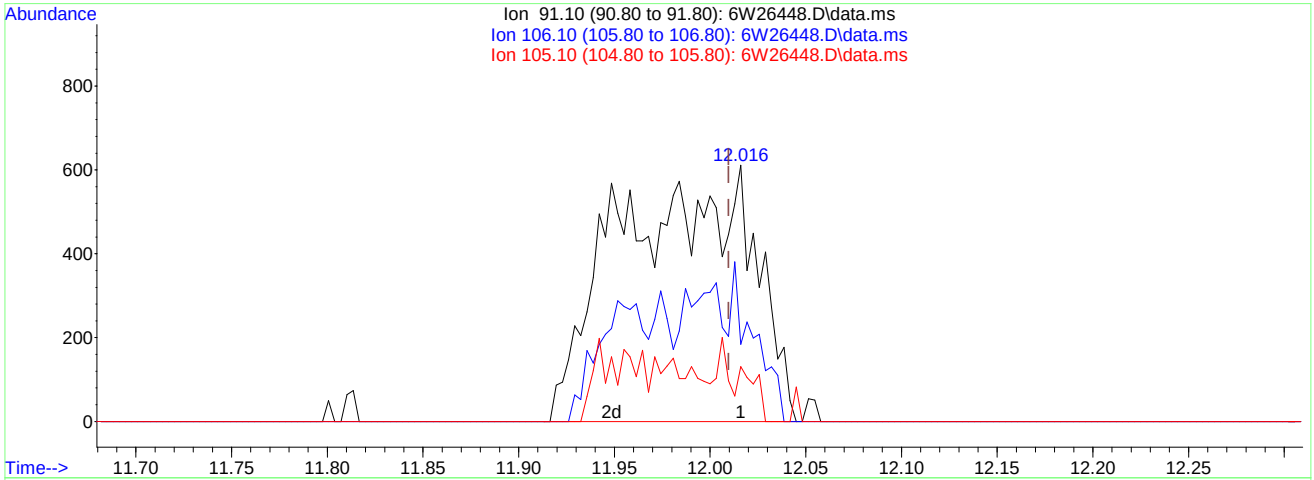
Ion	Exp%	Act%
91.10	100	100
106.10	51.50	41.27
105.10	23.60	0.00#
0.00	0.00	0.00

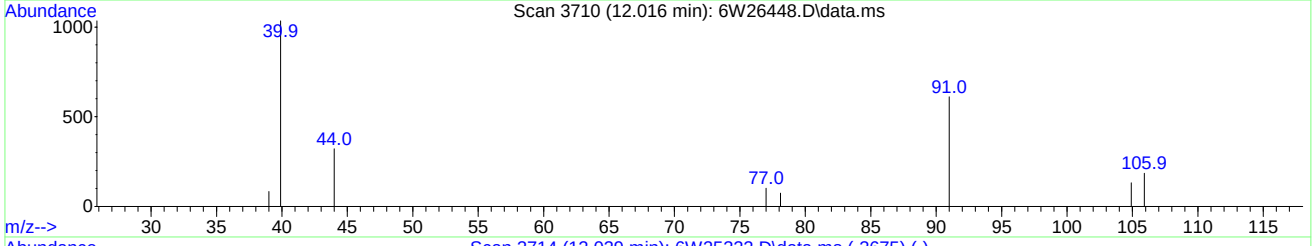
6W26448.D edits: M,P-XYLENE

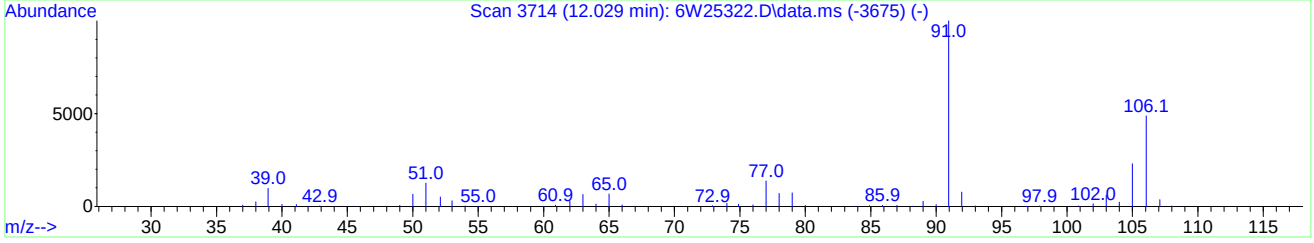
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 07:55:00 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26448.D\data.ms

(80) M,P-XYLENE (t)

12.016min (+0.007) 0.12PPBV m

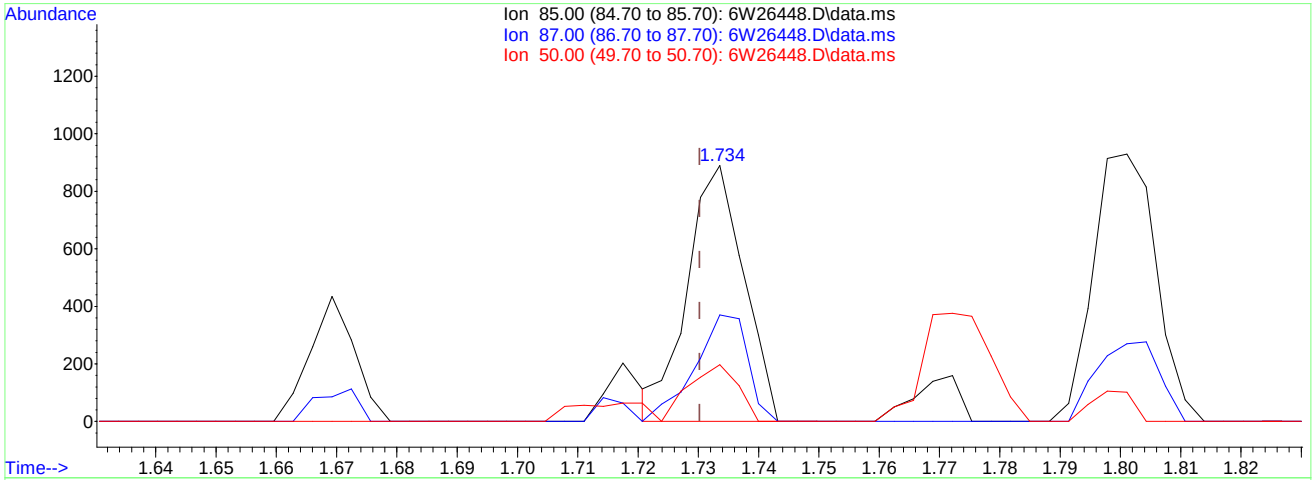
response 2929

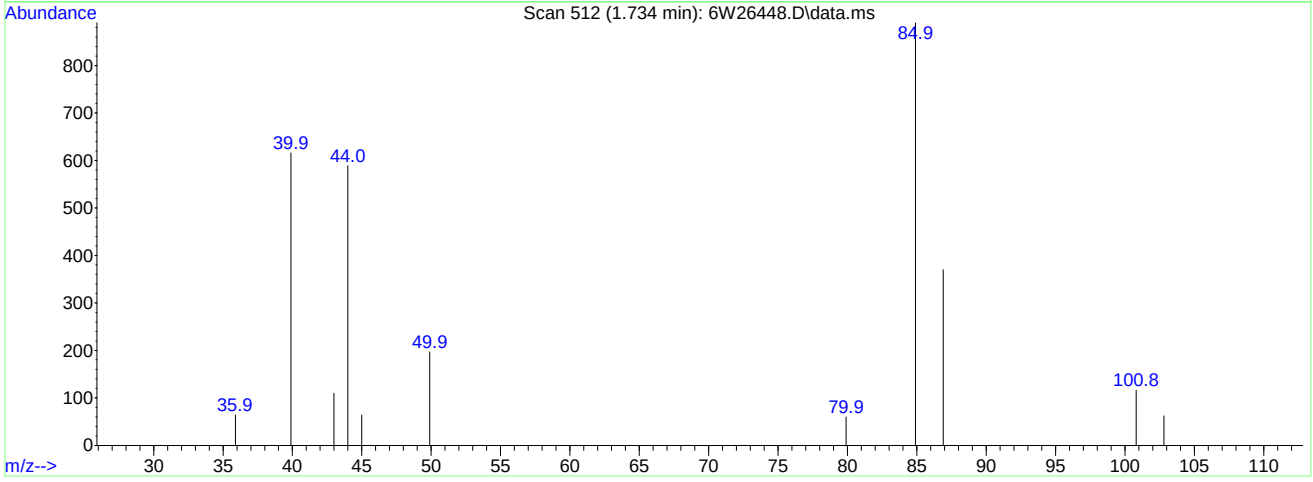
Ion	Exp%	Act%
91.10	100	100
106.10	51.50	25.16#
105.10	23.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26448.D
Acq On : 19 Oct 2022 7:10 pm
Operator : thomash
Sample : ic1125-0.04
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 09:48:06 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26448.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.734min (+0.003) 0.04PPBV m

response 578

Ion	Exp%	Act%
85.00	100	100
87.00	32.20	0.00#
50.00	9.30	0.00#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/20/22 12:15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 09:45:19 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.341	128	48898	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	236998	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.582	117	208233	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.026	95	142510	9.67	PPBV	0.00
Target Compounds						Qvalue
5) CHLOROTRIFLUOROETHENE	1.717	116	964	0.11	PPBV	# 42
6) DICHLORODIFLUOROMETHANE	1.733	85	1546m	0.10	PPBV	
7) PROPYLENE	1.714	41	564	0.09	PPBV	# 44
8) 1-CHLORO-1,1-DIFLUOROE...	1.769	65	1371	0.10	PPBV	# 46
9) FREON 114	1.801	85	1620	0.11	PPBV	# 75
10) CHLOROMETHANE	1.775	52	200m	0.10	PPBV	
11) VINYL CHLORIDE	1.830	62	714	0.12	PPBV	# 50
12) 1,3-BUTADIENE	1.868	54	533	0.10	PPBV	# 27
13) N-BUTANE	1.881	43	1299	0.12	PPBV	# 65
14) BROMOMETHANE	1.936	94	505	0.10	PPBV	# 11
15) CHLOROETHANE	1.978	64	276m	0.09	PPBV	
16) DICHLOROFLUOROMETHANE	2.004	67	1283	0.10	PPBV	# 49
17) ACETONITRILE	2.068	41	834	0.13	PPBV	# 9
19) FREON 123	2.116	83	1302	0.11	PPBV	# 92
20) FREON 123A	2.135	117	742	0.10	PPBV	81
21) TRICHLOROFLUOROMETHANE	2.193	101	1509	0.10	PPBV	# 96
22) ISOPROPYL ALCOHOL	2.216	45	1750	0.13	PPBV	# 79
24) PENTANE	2.299	42	967	0.13	PPBV	# 78
25) IODOMETHANE	2.357	142	1546	0.11	PPBV	92
26) 1,1-DICHLOROETHYLENE	2.386	96	619	0.11	PPBV	# 56
27) CARBON DISULFIDE	2.524	76	1878	0.10	PPBV	# 50
29) BROMOETHENE	2.077	106	547	0.11	PPBV	# 86
30) ACRYLONITRILE	2.274	52	541	0.11	PPBV	# 76
33) FREON 113	2.521	151	989	0.09	PPBV	# 84
34) TRANS-1,2-DICHLOROETHENE	2.769	96	695	0.11	PPBV	# 61
35) TERTIARY BUTYL ALCOHOL	2.409	59	1337	0.11	PPBV	# 76
36) METHYL TERTIARY BUTYL ...	2.894	73	1479	0.09	PPBV	# 88
38) HEXANE	3.396	57	1241	0.10	PPBV	# 74
40) 1,1-DICHLOROETHANE	2.859	63	1221	0.10	PPBV	# 50
42) CIS-1,2-DICHLOROETHENE	3.254	96	740	0.11	PPBV	# 55
45) METHYL ACRYLATE	3.405	55	1651	0.11	PPBV	# 65
46) CHLOROFORM	3.421	83	1467	0.10	PPBV	# 91
47) 2,4-DIMETHYLPENTANE	3.955	57	1390	0.10	PPBV	# 71
48) 1,1,1-TRICHLOROETHANE	4.052	97	1457	0.11	PPBV	92
49) CARBON TETRACHLORIDE	4.495	117	1424	0.09	PPBV	# 78
50) 1,2-DICHLOROETHANE	3.868	62	1104	0.10	PPBV	# 49
51) BENZENE	4.380	78	2208	0.11	PPBV	# 66
53) CYCLOHEXANE	4.611	84	828	0.10	PPBV	# 58
55) TRICHLOROETHENE	5.347	95	922	0.10	PPBV	98
56) 1,2-DICHLOROPROPANE	5.100	63	821	0.10	PPBV	# 41
57) DIBROMOMETHANE	5.058	174	994	0.12	PPBV	91
58) ETHYL ACRYLATE	5.241	55	1502	0.08	PPBV	# 73
59) BROMODICHLOROMETHANE	5.290	83	1646	0.11	PPBV	97
60) 2,2,4-TRIMETHYLPENTANE	5.454	57	3736	0.10	PPBV	# 92
62) HEPTANE	5.791	43	1552	0.10	PPBV	# 72
63) METHYL METHACRYLATE	5.688	69	704	0.09	PPBV	# 40
64) METHYL ISOBUTYL KETONE	6.482	58	501	0.07	PPBV	# 47
65) CIS-1,3-DICHLOROPROPENE	6.351	75	1002	0.09	PPBV	# 37
66) TOLUENE	7.617	91	2732	0.11	PPBV	99
67) 1,3-DICHLOROPROPANE	7.685	76	1233	0.10	PPBV	# 49
68) TRANS-1,3-DICHLOROPROPENE	7.061	75	875	0.09	PPBV	# 42
69) 1,1,2-TRICHLOROETHANE	7.228	83	677	0.09	PPBV	89
71) ETHYL METHACRYLATE	8.363	69	864	0.07	PPBV	# 56
72) TETRACHLOROETHENE	9.415	164	911	0.10	PPBV	# 70

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 09:45:19 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

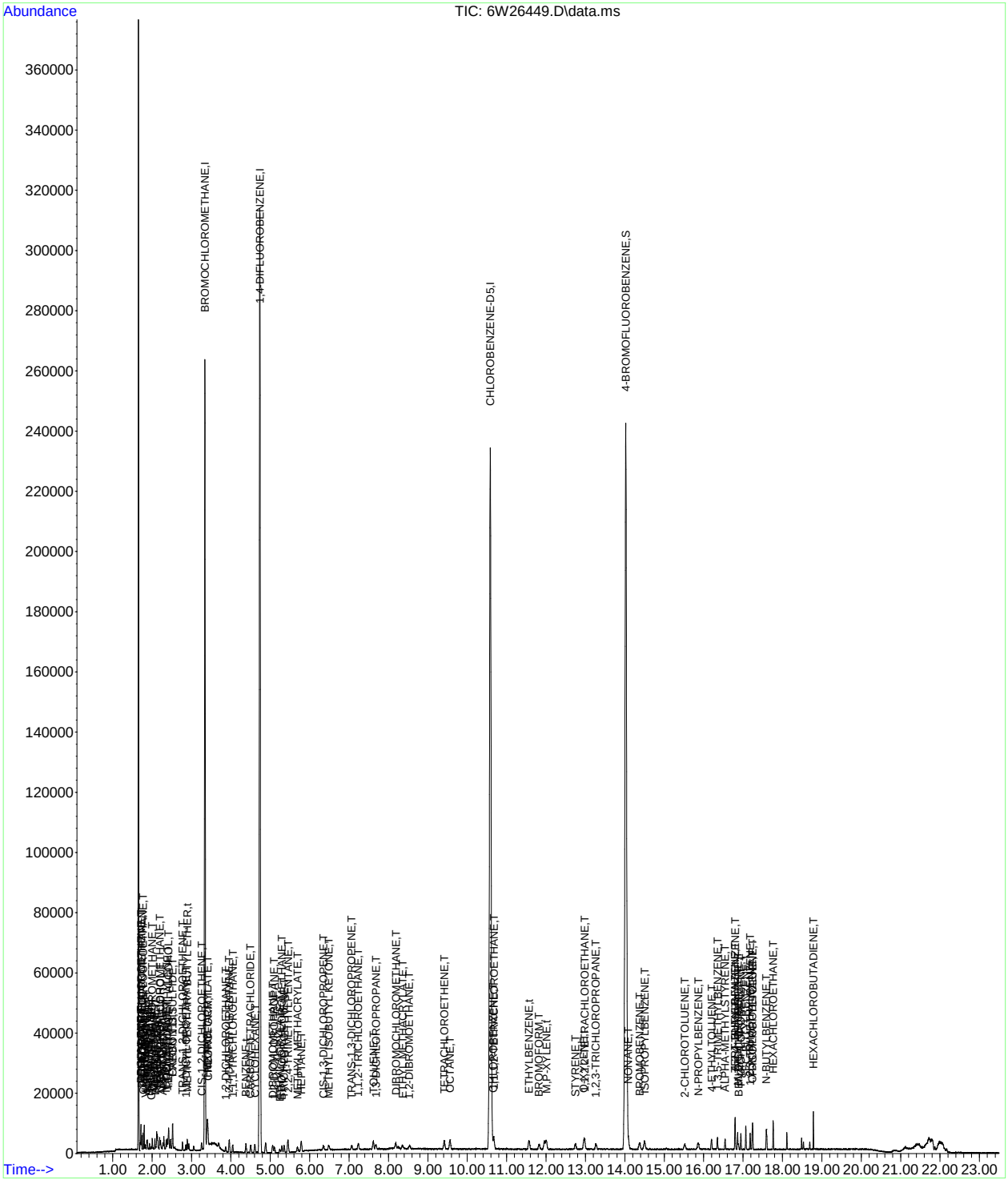
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73)	DIBROMOCHLOROMETHANE	8.187	129	1596	0.10	PPBV	#	83
74)	1,2-DIBROMOETHANE	8.524	107	1316	0.10	PPBV	#	98
75)	OCTANE	9.563	43	1915	0.09	PPBV	#	70
77)	1,1,1,2-TETRACHLOROETHANE	10.675	131	1043	0.09	PPBV	#	39
78)	CHLOROBENZENE	10.656	112	1970	0.10	PPBV		98
79)	ETHYLBENZENE	11.563	91	3888	0.12	PPBV		95
80)	M,P-XYLENE	12.013	91	5763m	0.23	PPBV		
81)	O-XYLENE	12.955	91	2774	0.11	PPBV	#	87
82)	STYRENE	12.746	104	1561	0.08	PPBV		96
83)	NONANE	14.083	43	2448	0.11	PPBV	#	63
84)	BROMOFORM	11.820	173	1374	0.09	PPBV	#	83
85)	1,1,2,2-TETRACHLOROETHANE	12.981	83	1920	0.10	PPBV	#	94
86)	1,2,3-TRICHLOROPROPANE	13.254	75	1421	0.10	PPBV	#	41
88)	ISOPROPYLBENZENE	14.505	105	3516	0.09	PPBV	#	78
89)	BROMOBENZENE	14.376	77	1766	0.10	PPBV	#	87
90)	2-CHLOROTOLUENE	15.521	91	2168	0.08	PPBV	#	94
91)	N-PROPYLBENZENE	15.865	91	3399	0.08	PPBV	#	94
92)	4-ETHYLTOLUENE	16.202	105	2574	0.07	PPBV	#	97
93)	1,3,5-TRIMETHYLBENZENE	16.350	105	2163	0.07	PPBV	#	95
94)	ALPHA-METHYLSTYRENE	16.546	118	964	0.06	PPBV		95
95)	TERT-BUTYLBENZENE	16.794	119	2458	0.07	PPBV		95
96)	1,2,4-TRIMETHYLBENZENE	16.800	105	2237	0.07	PPBV		98
97)	BENZYL CHLORIDE	16.887	91	945	0.05	PPBV	#	60
98)	M-DICHLOROBENZENE	16.865	146	1725	0.08	PPBV		97
99)	P-DICHLOROBENZENE	16.945	146	1627	0.08	PPBV		93
100)	O-DICHLOROBENZENE	17.231	146	1588	0.08	PPBV		96
101)	SEC-BUTYLBENZENE	17.070	105	3423	0.07	PPBV		96
102)	1,2,3-TRIMETHYLBENZENE	17.180	105	2179	0.07	PPBV	#	93
103)	P-ISOPROPYLTOLUENE	17.244	119	2841	0.07	PPBV	#	94
104)	N-BUTYLBENZENE	17.585	91	2234	0.06	PPBV		94
105)	HEXACHLOROETHANE	17.765	117	1259	0.10	PPBV	#	87
106)	HEXACHLOROBUTADIENE	18.787	225	1045	0.07	PPBV		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 09:45:19 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



Manual Integration Approval Summary

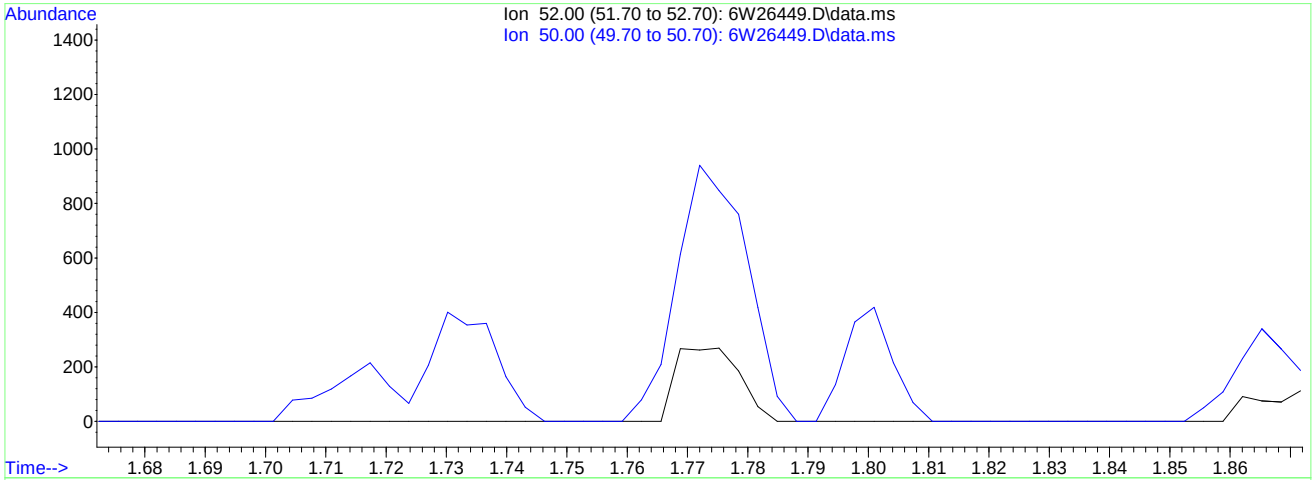
Sample Number: V6W1125-IC1125 **Method:** TO-15
Lab FileID: 6W26449.D **Analyst approved:** 10/20/22 10:04 Thomas Hilbig
Injection Time: 10/19/22 19:43 **Supervisor approved:** 10/20/22 12:15 Kanya Veerawat

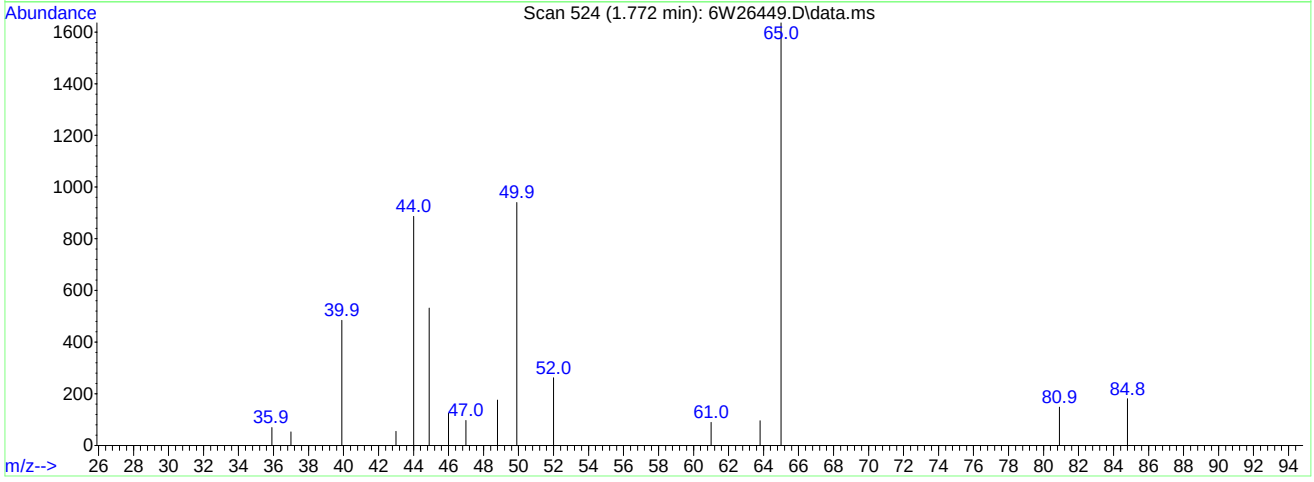
Parameter	CAS	Sig#	R.T. (min.)	Reason
Dichlorodifluoromethane	75-71-8		1.73	Overlapping peak
Chloromethane	74-87-3		1.78	Missed peak
Chloroethane	75-00-3		1.98	Missed peak
m,p-Xylene			12.01	Split peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:06:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26449.D\data.ms

(10) CHLOROMETHANE (T)

1.772min (-1.772) 0.00PPBV

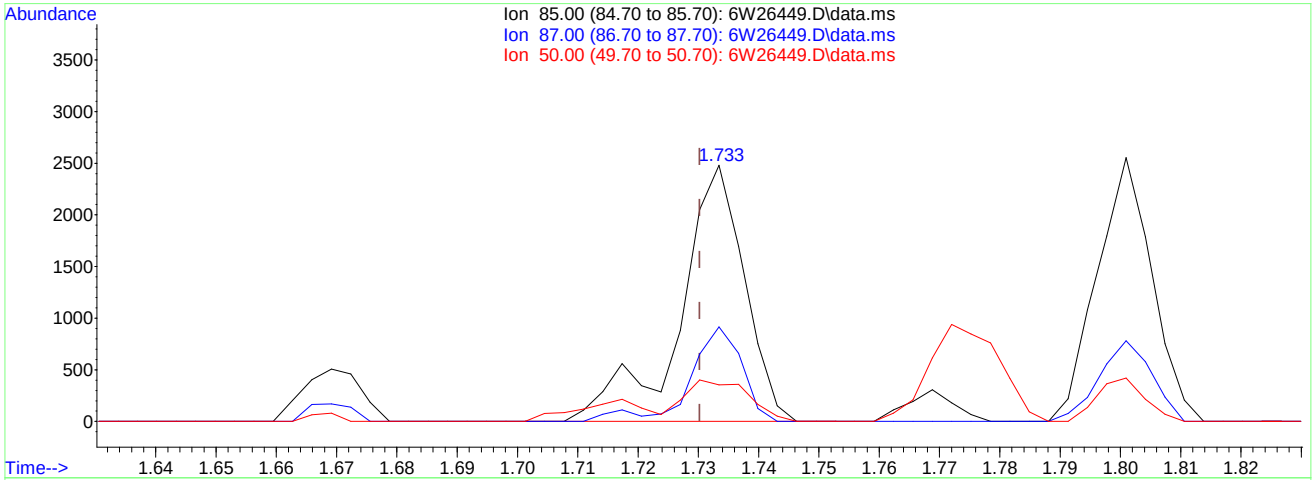
response 0

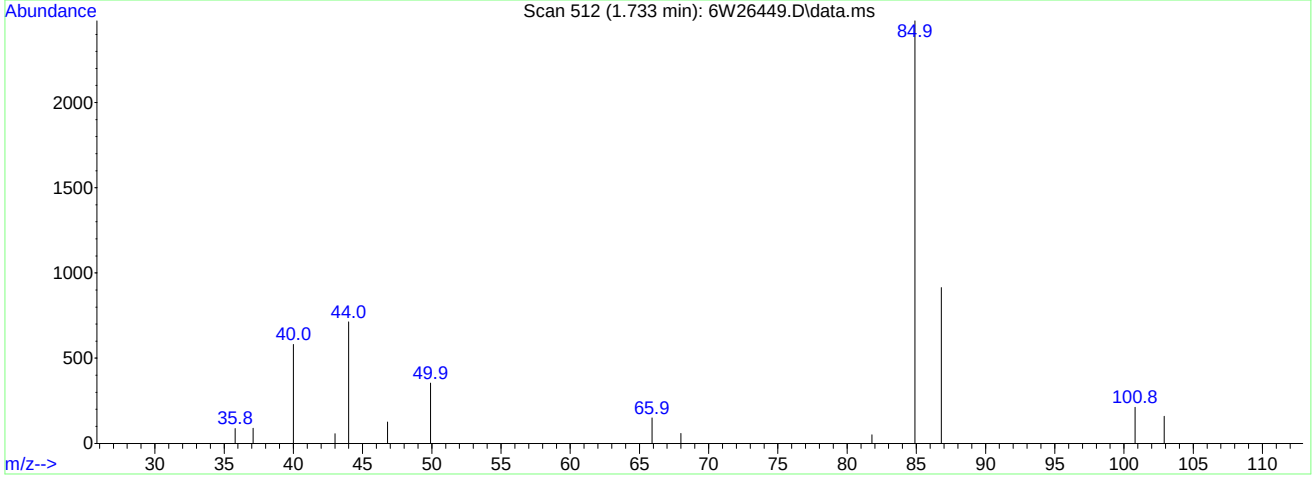
Ion	Exp%	Act%
52.00	100	0.00
50.00	310.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:06:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26449.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.733min (+0.003) 0.13PPBV

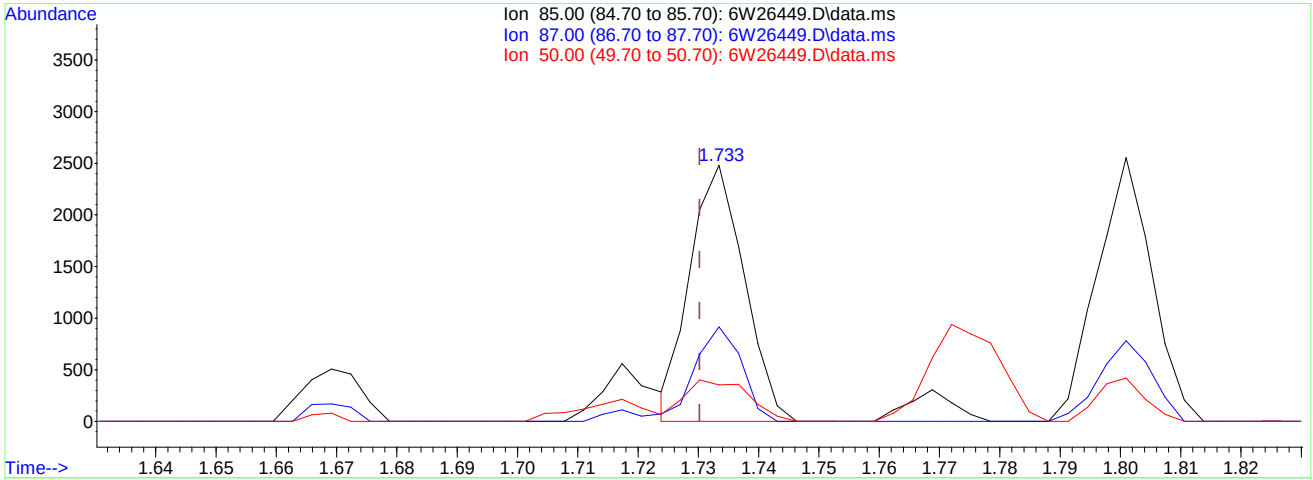
response 1852

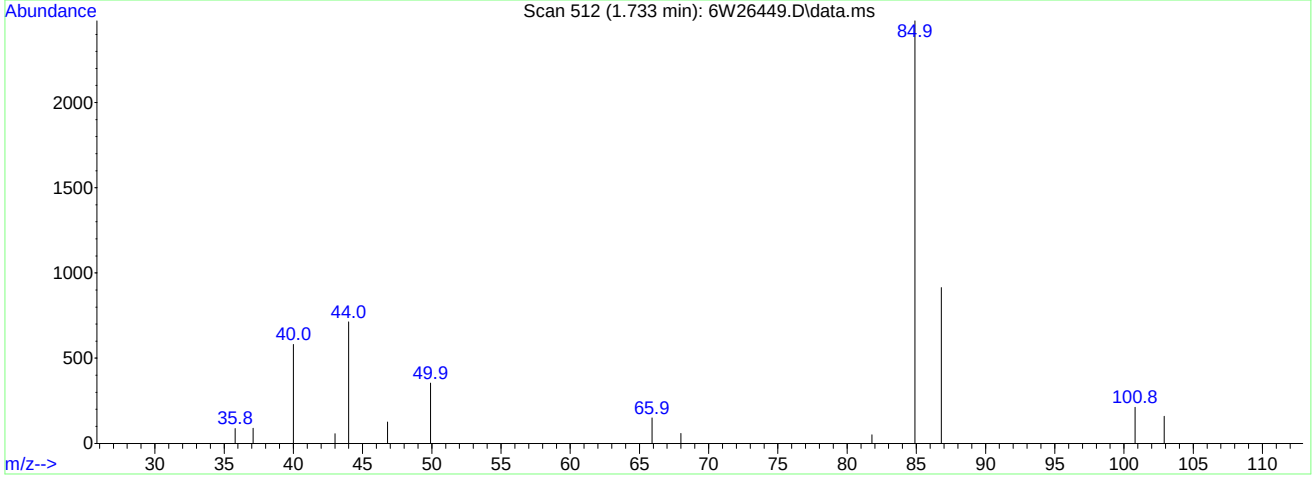
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	29.37
50.00	9.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:06:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26449.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.733min (+0.003) 0.10PPBV m

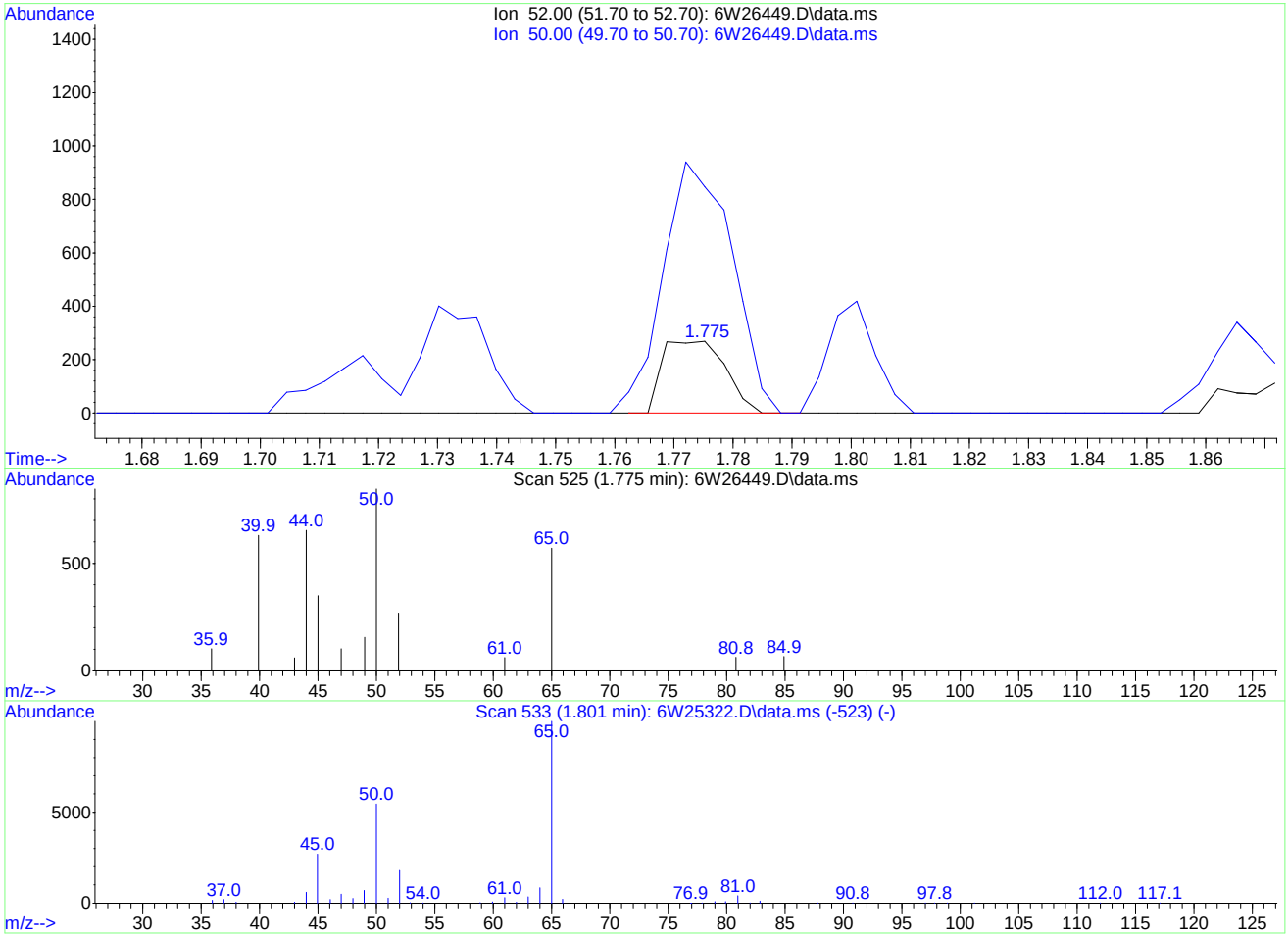
response 1546

Ion	Exp%	Act%
85.00	100	100
87.00	32.20	35.19
50.00	9.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:06:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26449.D\data.ms

(10) CHLOROMETHANE (T)

1.775min (+0.003) 0.10PPBV m

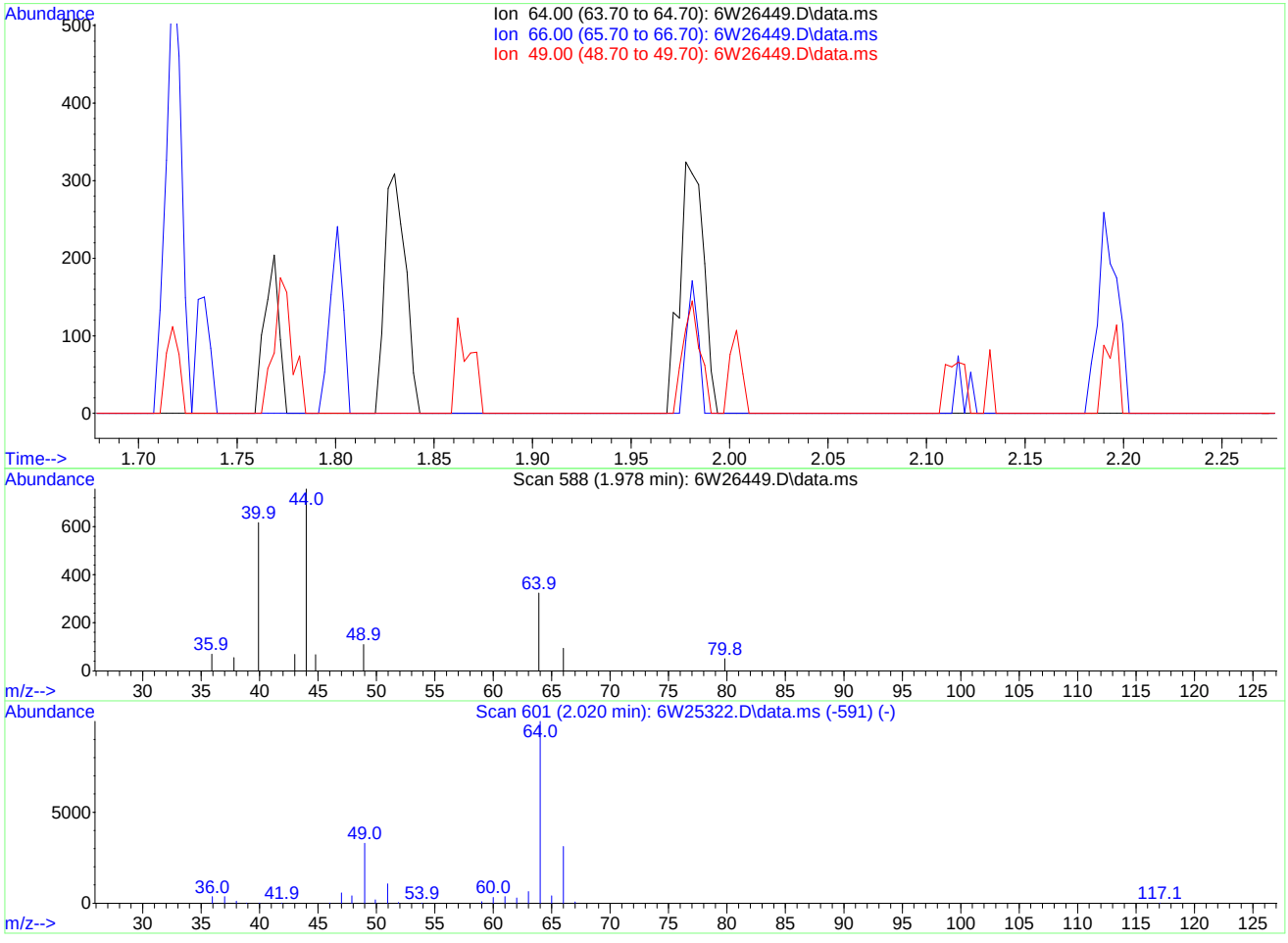
response 200

Ion	Exp%	Act%
52.00	100	100
50.00	310.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:06:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26449.D\data.ms

(15) CHLOROETHANE (T)

1.978min (-1.978) 0.00PPBV

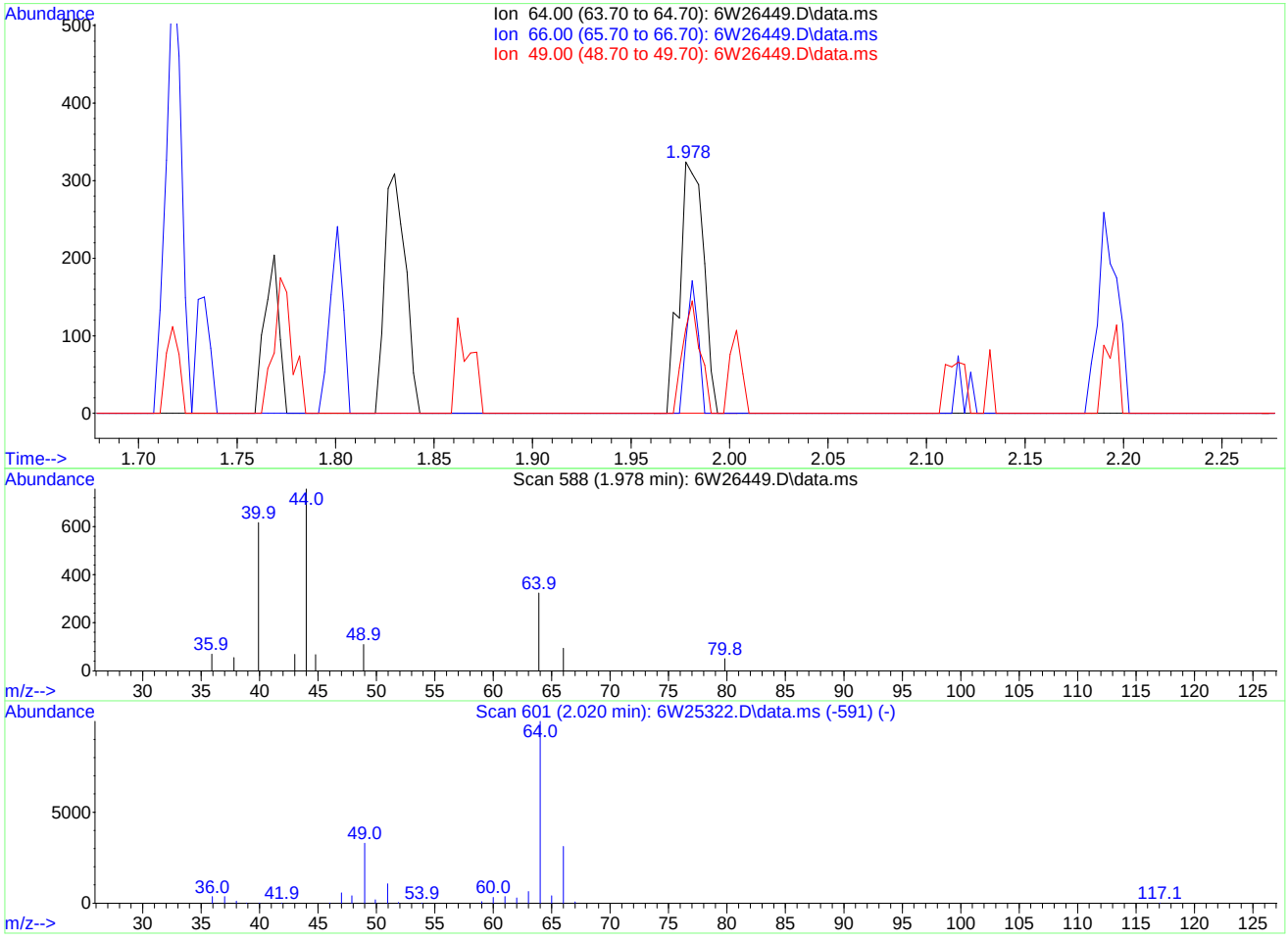
response 0

Ion	Exp%	Act%
64.00	100	0.00
66.00	33.90	0.00#
49.00	29.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:06:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26449.D\data.ms

(15) CHLOROETHANE (T)

1.978min (0.000) 0.09PPBV m

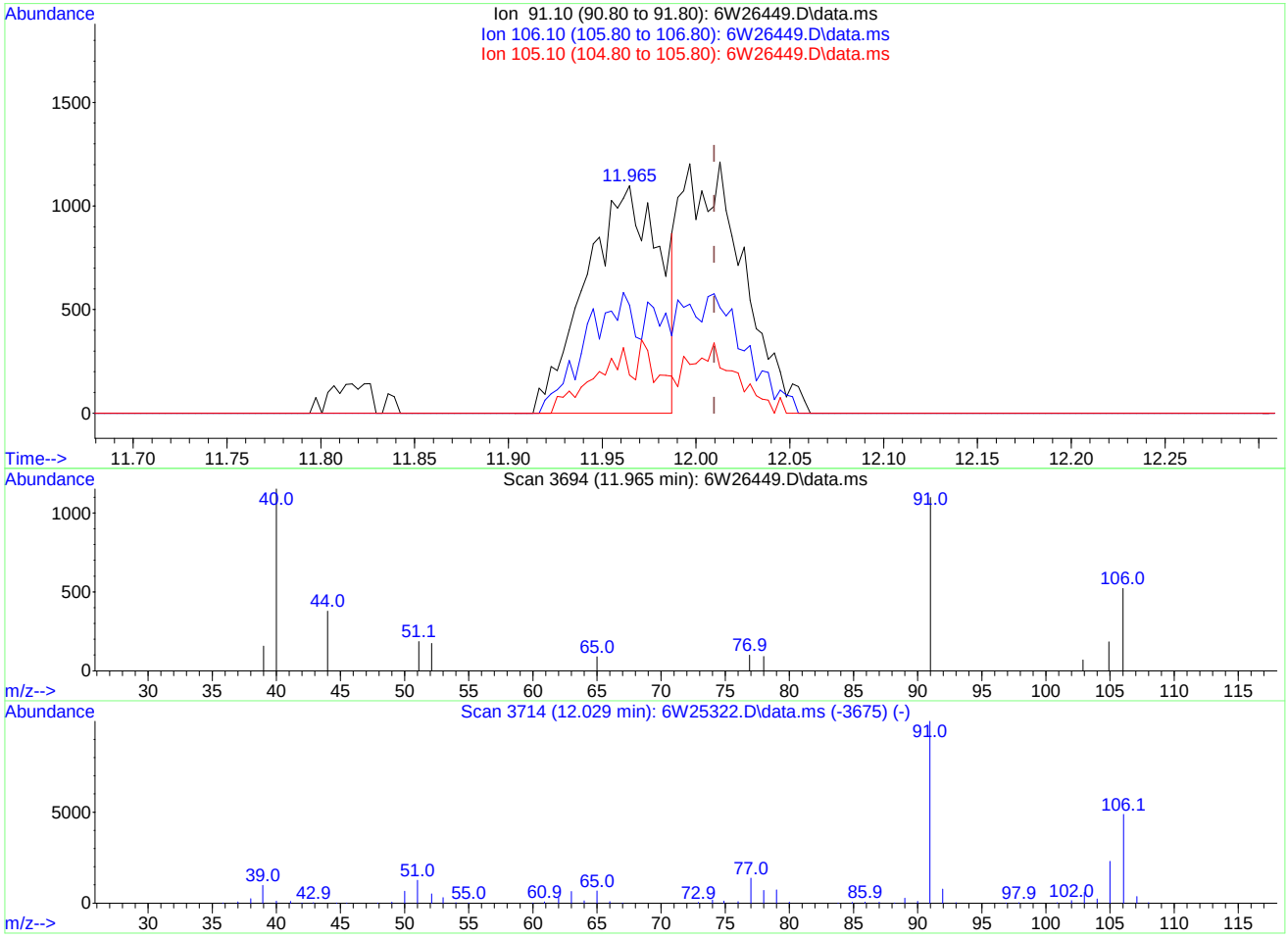
response 276

Ion	Exp%	Act%
64.00	100	100
66.00	33.90	0.00#
49.00	29.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:06:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26449.D\data.ms

(80) M,P-XYLENE (t)

11.965min (-0.045) 0.12PPBV

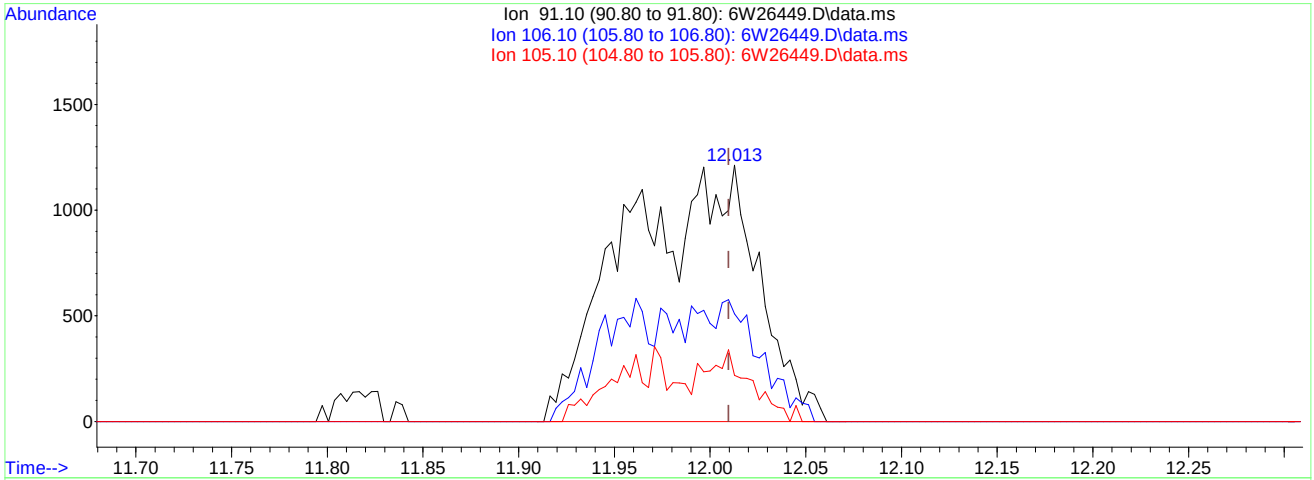
response 2993

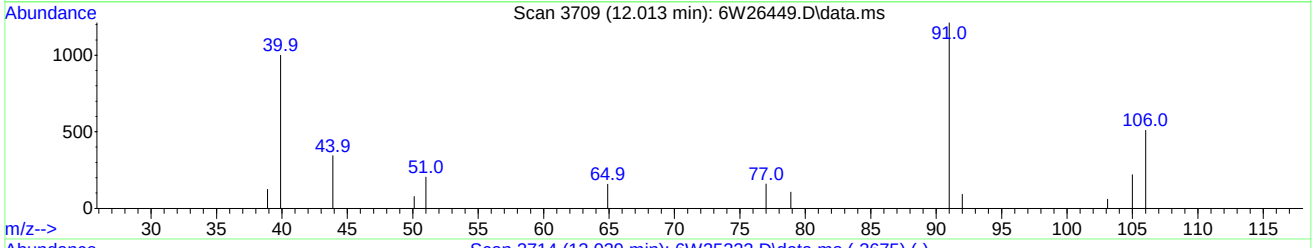
Ion	Exp%	Act%
91.10	100	100
106.10	51.50	51.45
105.10	23.60	23.52
0.00	0.00	0.00

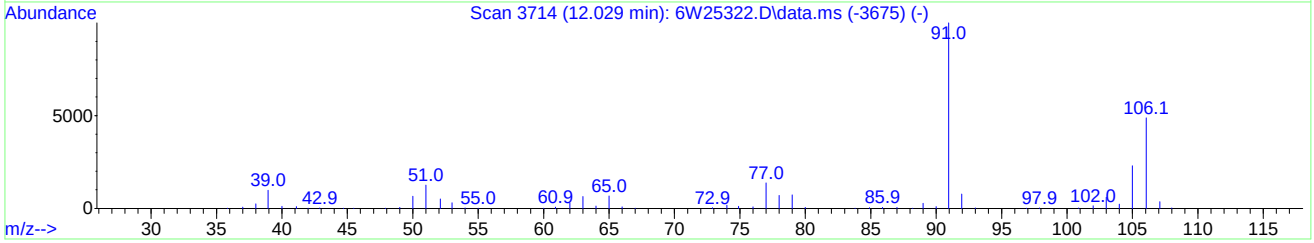
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26449.D
Acq On : 19 Oct 2022 7:43 pm
Operator : thomash
Sample : ic1125-0.1
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:06:39 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26449.D\data.ms

(80) M,P-XYLENE (t)

12.013min (+0.003) 0.23PPBV m

response 5763

Ion	Exp%	Act%
91.10	100	100
106.10	51.50	26.72#
105.10	23.60	12.22
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/20/22 12:15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:22:22 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.338	128	46339	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	232045	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.582	117	202916	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.022	95	139177	9.69	PPBV	0.00
Target Compounds						Qvalue
3) FREON 152A	1.695	65	845	0.22	PPBV	# 53
4) CHLORODIFLUOROMETHANE	1.708	67	366m	0.21	PPBV	
5) CHLOROTRIFLUOROETHENE	1.718	116	1766	0.22	PPBV	# 97
6) DICHLORODIFLUOROMETHANE	1.734	85	2981m	0.21	PPBV	
7) PROPYLENE	1.714	41	1228	0.22	PPBV	# 91
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	2661	0.21	PPBV	# 56
9) FREON 114	1.798	85	3047	0.22	PPBV	98
10) CHLOROMETHANE	1.772	52	410m	0.21	PPBV	
11) VINYL CHLORIDE	1.827	62	1315	0.22	PPBV	# 50
12) 1,3-BUTADIENE	1.865	54	1056	0.22	PPBV	# 60
13) N-BUTANE	1.878	43	2287	0.23	PPBV	# 65
14) BROMOMETHANE	1.933	94	1003	0.22	PPBV	# 91
15) CHLOROETHANE	1.981	64	656	0.23	PPBV	# 43
16) DICHLOROFLUOROMETHANE	2.004	67	2656	0.22	PPBV	# 92
17) ACETONITRILE	2.068	41	1438	0.24	PPBV	# 84
18) ACROLEIN	2.103	56	451m	0.16	PPBV	
19) FREON 123	2.113	83	2489	0.22	PPBV	98
20) FREON 123A	2.132	117	1440	0.21	PPBV	84
21) TRICHLOROFLUOROMETHANE	2.190	101	2941	0.21	PPBV	# 96
22) ISOPROPYL ALCOHOL	2.213	45	3020	0.23	PPBV	# 75
23) ACETONE	2.142	58	851	0.29	PPBV	# 39
24) PENTANE	2.296	42	1697	0.24	PPBV	# 79
25) IODOMETHANE	2.357	142	2871	0.21	PPBV	# 87
26) 1,1-DICHLOROETHYLENE	2.383	96	1152	0.21	PPBV	# 65
27) CARBON DISULFIDE	2.521	76	3734	0.21	PPBV	# 52
28) ETHANOL	2.007	45	896	0.31	PPBV	# 40
29) BROMOETHENE	2.074	106	1029	0.22	PPBV	# 96
30) ACRYLONITRILE	2.274	52	971	0.21	PPBV	# 78
31) METHYLENE CHLORIDE	2.422	84	1504	0.28	PPBV	# 39
32) 3-CHLOROPROPENE	2.463	76	526	0.19	PPBV	# 1
33) FREON 113	2.521	151	2113	0.21	PPBV	92
34) TRANS-1,2-DICHLOROETHENE	2.769	96	1281	0.21	PPBV	# 78
35) TERTIARY BUTYL ALCOHOL	2.406	59	2276	0.20	PPBV	# 79
36) METHYL TERTIARY BUTYL ...	2.894	73	3224	0.21	PPBV	# 88
37) TETRAHYDROFURAN	3.672	72	527	0.19	PPBV	# 1
38) HEXANE	3.389	57	2506	0.21	PPBV	# 77
39) VINYL ACETATE	2.933	86	339m	0.23	PPBV	
40) 1,1-DICHLOROETHANE	2.849	63	2466	0.21	PPBV	# 88
41) METHYL ETHYL KETONE	3.052	72	636	0.21	PPBV	# 1
42) CIS-1,2-DICHLOROETHENE	3.254	96	1388	0.22	PPBV	# 82
43) DIISOPROPYL ETHER	3.402	59	664	0.19	PPBV	# 31
44) ETHYL ACETATE	3.415	61	474m	0.20	PPBV	
45) METHYL ACRYLATE	3.396	55	3141	0.21	PPBV	# 65
46) CHLOROFORM	3.418	83	2846	0.21	PPBV	# 92
47) 2,4-DIMETHYLPENTANE	3.955	57	2721	0.20	PPBV	# 87
48) 1,1,1-TRICHLOROETHANE	4.049	97	2661	0.21	PPBV	# 92
49) CARBON TETRACHLORIDE	4.499	117	2945	0.20	PPBV	96
50) 1,2-DICHLOROETHANE	3.872	62	2146	0.21	PPBV	# 88
51) BENZENE	4.383	78	4330	0.23	PPBV	80
53) CYCLOHEXANE	4.605	84	1651	0.20	PPBV	# 77
54) 2,3-DIMETHYLPENTANE	4.885	71	956	0.21	PPBV	# 59
55) TRICHLOROETHENE	5.348	95	1872	0.21	PPBV	98
56) 1,2-DICHLOROPROPANE	5.103	63	1638	0.20	PPBV	# 72
57) DIBROMOMETHANE	5.055	174	1765	0.22	PPBV	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:22:22 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

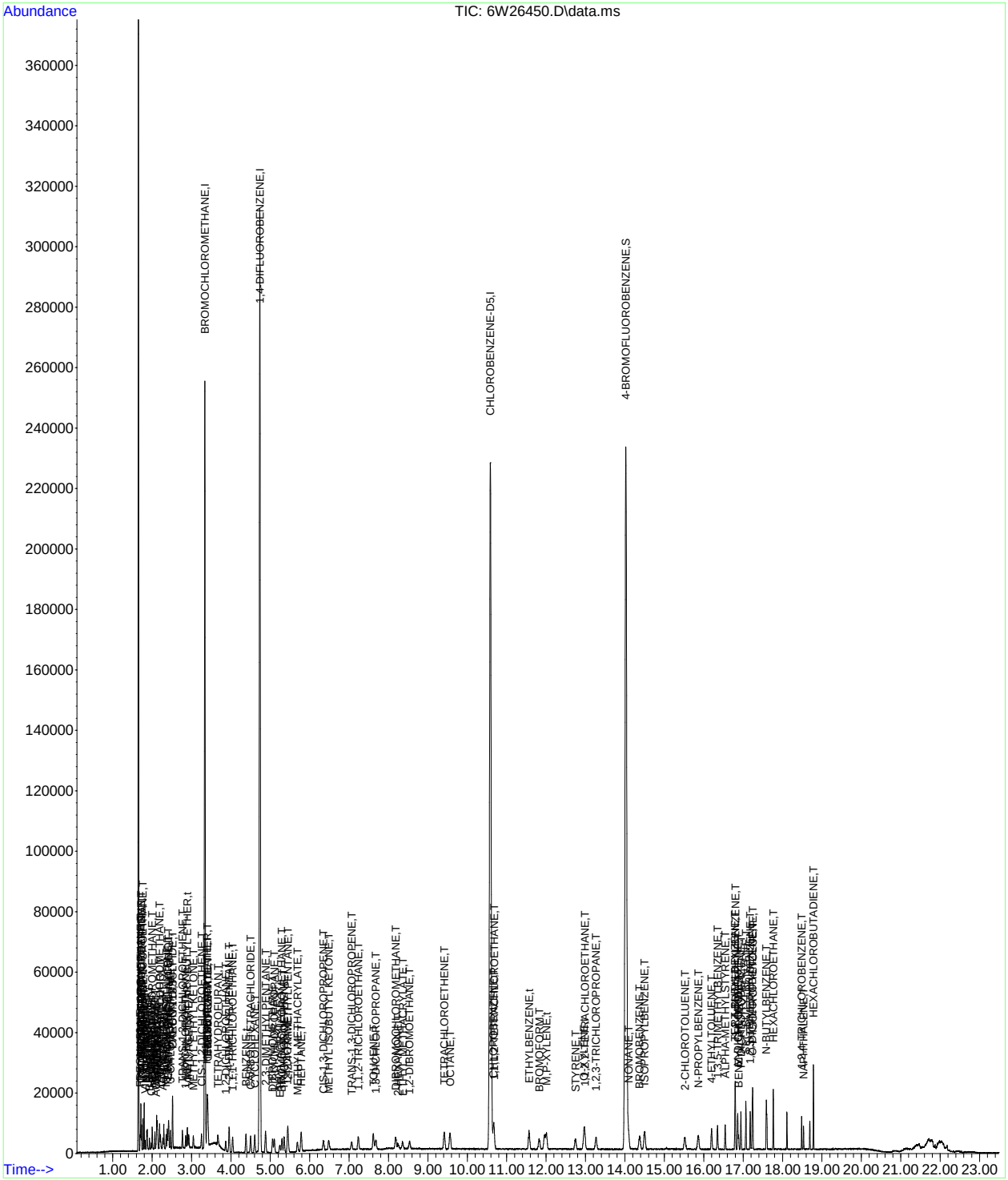
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	ETHYL ACRYLATE	5.241	55	3251	0.18	PPBV	#	73
59)	BROMODICHLOROMETHANE	5.293	83	2997	0.20	PPBV		92
60)	2,2,4-TRIMETHYLPENTANE	5.447	57	7674	0.20	PPBV	#	97
61)	1,4-DIOXANE	5.434	88	650m	0.16	PPBV		
62)	HEPTANE	5.788	43	2944	0.20	PPBV	#	75
63)	METHYL METHACRYLATE	5.688	69	1358	0.18	PPBV	#	34
64)	METHYL ISOBUTYL KETONE	6.483	58	954	0.14	PPBV	#	30
65)	CIS-1,3-DICHLOROPROPENE	6.348	75	2021	0.18	PPBV	#	68
66)	TOLUENE	7.621	91	5056	0.21	PPBV		95
67)	1,3-DICHLOROPROPANE	7.672	76	2398	0.20	PPBV	#	93
68)	TRANS-1,3-DICHLOROPROPENE	7.065	75	1636	0.17	PPBV	#	68
69)	1,1,2-TRICHLOROETHANE	7.238	83	1464	0.21	PPBV		96
70)	2-HEXANONE	8.238	58	861	0.11	PPBV	#	45
71)	ETHYL METHACRYLATE	8.367	69	1692	0.15	PPBV	#	54
72)	TETRACHLOROETHENE	9.415	164	1798	0.20	PPBV		92
73)	DIBROMOCHLOROMETHANE	8.180	129	3068	0.19	PPBV		99
74)	1,2-DIBROMOETHANE	8.534	107	2603	0.20	PPBV	#	99
75)	OCTANE	9.563	43	3514	0.17	PPBV	#	73
77)	1,1,1,2-TETRACHLOROETHANE	10.682	131	2288	0.21	PPBV		96
78)	CHLOROBENZENE	10.659	112	4059	0.21	PPBV		98
79)	ETHYLBENZENE	11.566	91	6718	0.21	PPBV		97
80)	M,P-XYLENE	12.010	91	9676	0.40	PPBV	#	67
81)	O-XYLENE	12.958	91	4830	0.20	PPBV	#	88
82)	STYRENE	12.752	104	2971	0.16	PPBV		97
83)	NONANE	14.096	43	4410	0.20	PPBV	#	65
84)	BROMOFORM	11.826	173	2719	0.19	PPBV	#	91
85)	1,1,2,2-TETRACHLOROETHANE	12.990	83	3781	0.20	PPBV	#	94
86)	1,2,3-TRICHLOROPROPANE	13.264	75	2723	0.19	PPBV		99
88)	ISOPROPYLBENZENE	14.495	105	7179	0.20	PPBV		93
89)	BROMOBENZENE	14.367	77	3434	0.19	PPBV		95
90)	2-CHLOROTOLUENE	15.524	91	4173	0.17	PPBV	#	92
91)	N-PROPYLBENZENE	15.862	91	6867	0.16	PPBV	#	94
92)	4-ETHYLTOLUENE	16.196	105	5072	0.14	PPBV	#	99
93)	1,3,5-TRIMETHYLBENZENE	16.350	105	4453	0.15	PPBV	#	94
94)	ALPHA-METHYLSTYRENE	16.546	118	2146	0.14	PPBV		95
95)	TERT-BUTYLBENZENE	16.794	119	4944	0.15	PPBV		90
96)	1,2,4-TRIMETHYLBENZENE	16.800	105	4538	0.15	PPBV		96
97)	BENZYL CHLORIDE	16.884	91	2169	0.12	PPBV	#	60
98)	M-DICHLOROBENZENE	16.865	146	3704	0.18	PPBV		99
99)	P-DICHLOROBENZENE	16.945	146	3555	0.17	PPBV		98
100)	O-DICHLOROBENZENE	17.231	146	3596	0.18	PPBV		97
101)	SEC-BUTYLBENZENE	17.071	105	7168	0.16	PPBV		98
102)	1,2,3-TRIMETHYLBENZENE	17.180	105	4563	0.15	PPBV	#	94
103)	P-ISOPROPYLTOLUENE	17.244	119	5909	0.15	PPBV		95
104)	N-BUTYLBENZENE	17.585	91	4838	0.13	PPBV		97
105)	HEXACHLOROETHANE	17.765	117	2295	0.18	PPBV	#	87
106)	HEXACHLOROBUTADIENE	18.784	225	2527	0.18	PPBV		97
107)	1,2,4-TRICHLOROBENZENE	18.485	180	1765	0.11	PPBV		100
108)	NAPHTHALENE	18.534	128	3313	0.08	PPBV	#	69

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:22:22 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



Manual Integration Approval Summary

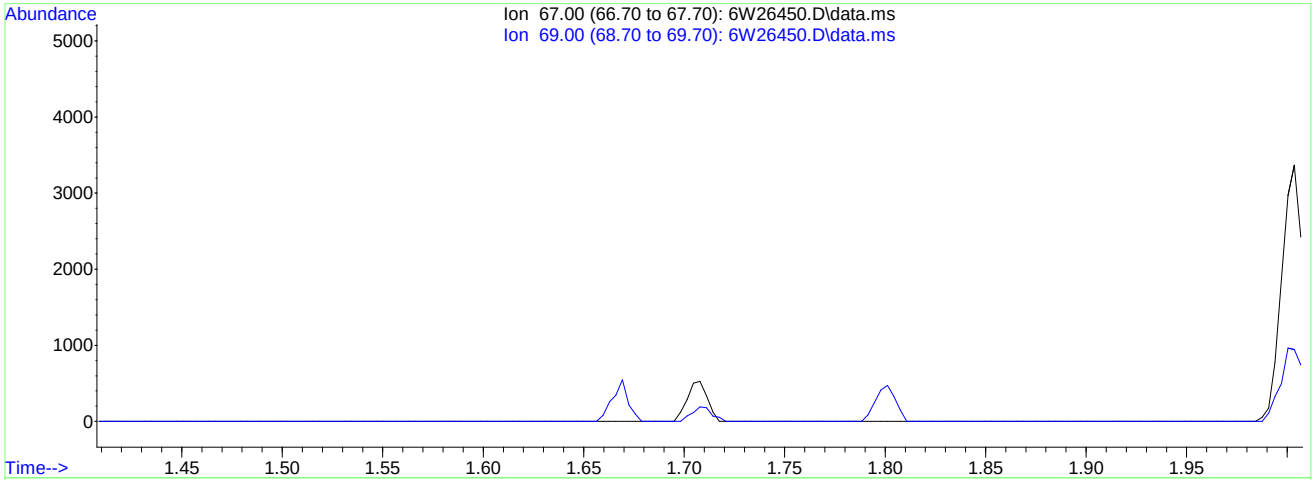
Sample Number: V6W1125-IC1125
Lab FileID: 6W26450.D
Injection Time: 10/19/22 20:15
Method: TO-15
Analyst approved: 10/20/22 10:04 Thomas Hilbig
Supervisor approved: 10/20/22 12:15 Kanya Veerawat

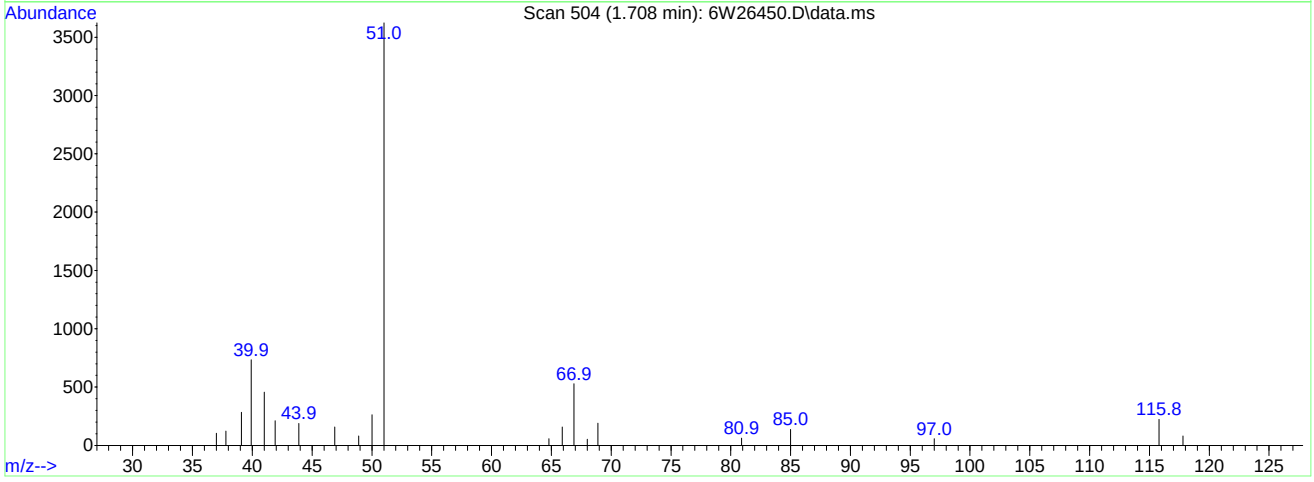
Parameter	CAS	Sig#	R.T. (min.)	Reason
Chlorodifluoromethane	75-45-6		1.71	Missed peak
Dichlorodifluoromethane	75-71-8		1.73	Overlapping peak
Chloromethane	74-87-3		1.77	Missed peak
Acrolein	107-02-8		2.10	Missed peak
Vinyl Acetate	108-05-4		2.93	Missed peak
Ethyl Acetate	141-78-6		3.42	Missed peak
1,4-Dioxane	123-91-1		5.43	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26450.D\data.ms

(4) CHLORODIFLUOROMETHANE (T)

1.708min (-1.708) 0.00PPBV

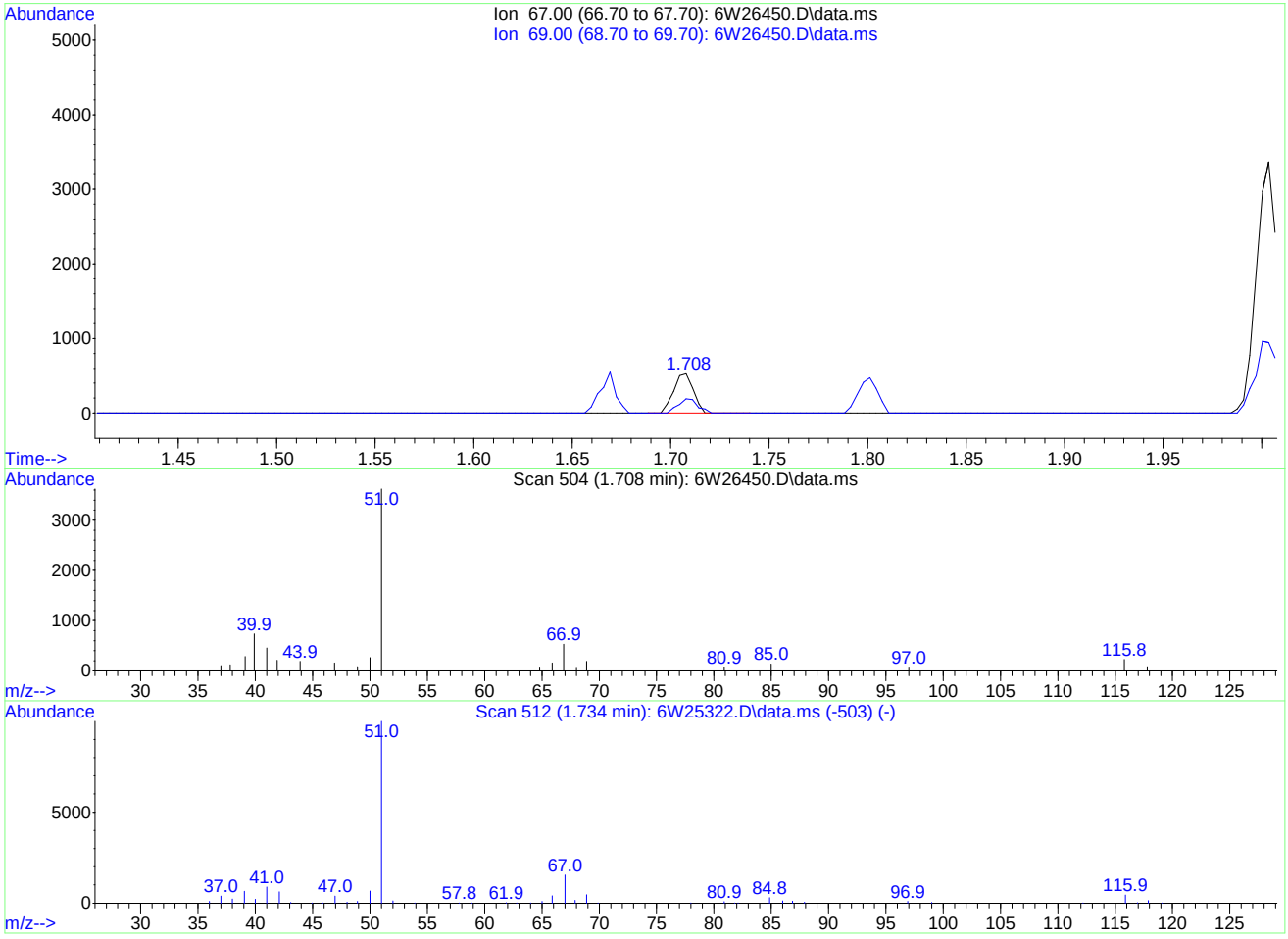
response 0

Ion	Exp%	Act%
67.00	100	0.00
69.00	36.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26450.D\data.ms

(4) CHLORODIFLUOROMETHANE (T)

1.708min (+0.000) 0.21PPBV m

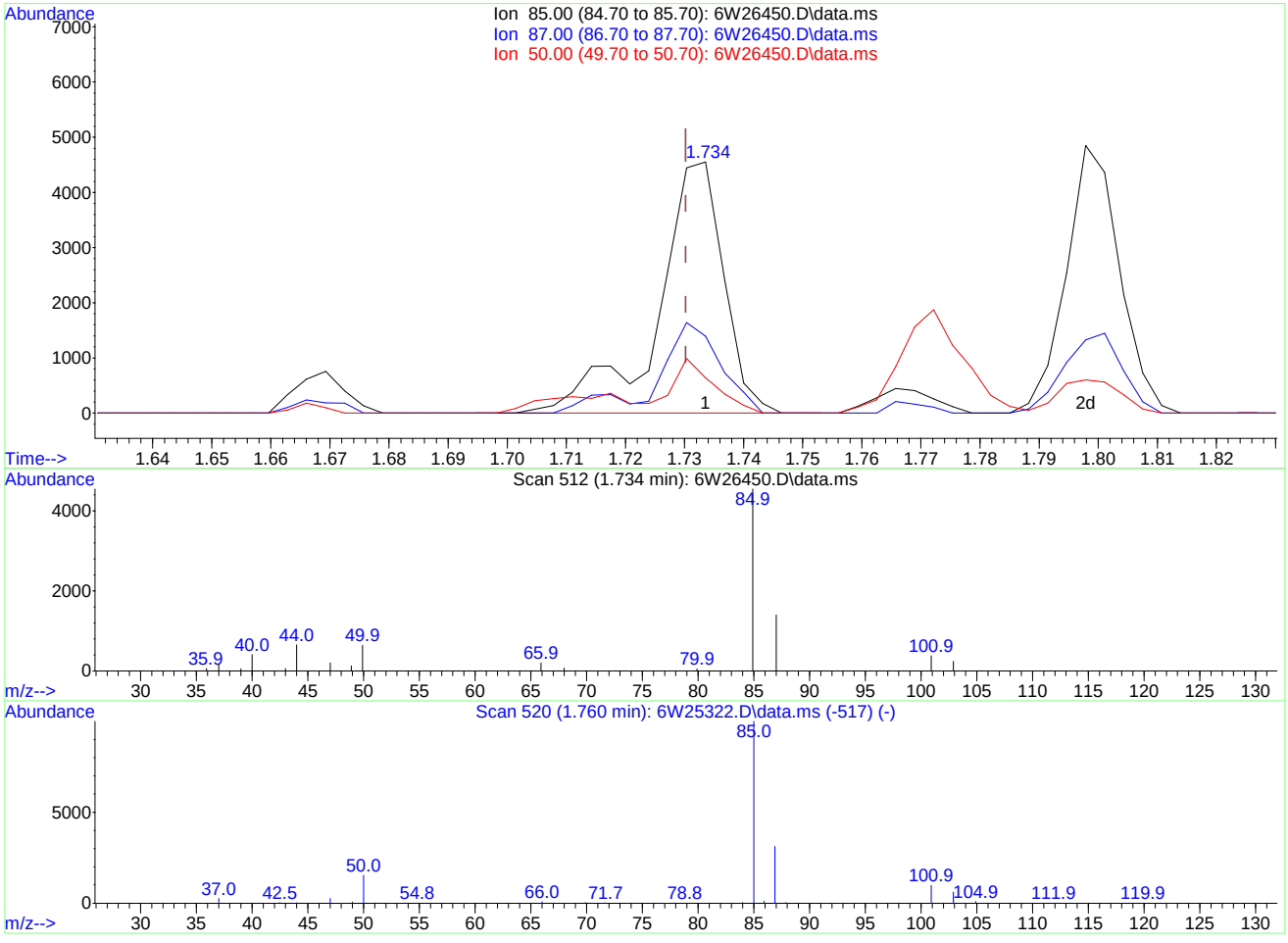
response 366

Ion	Exp%	Act%
67.00	100	100
69.00	36.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26450.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.734min (+0.003) 0.25PPBV

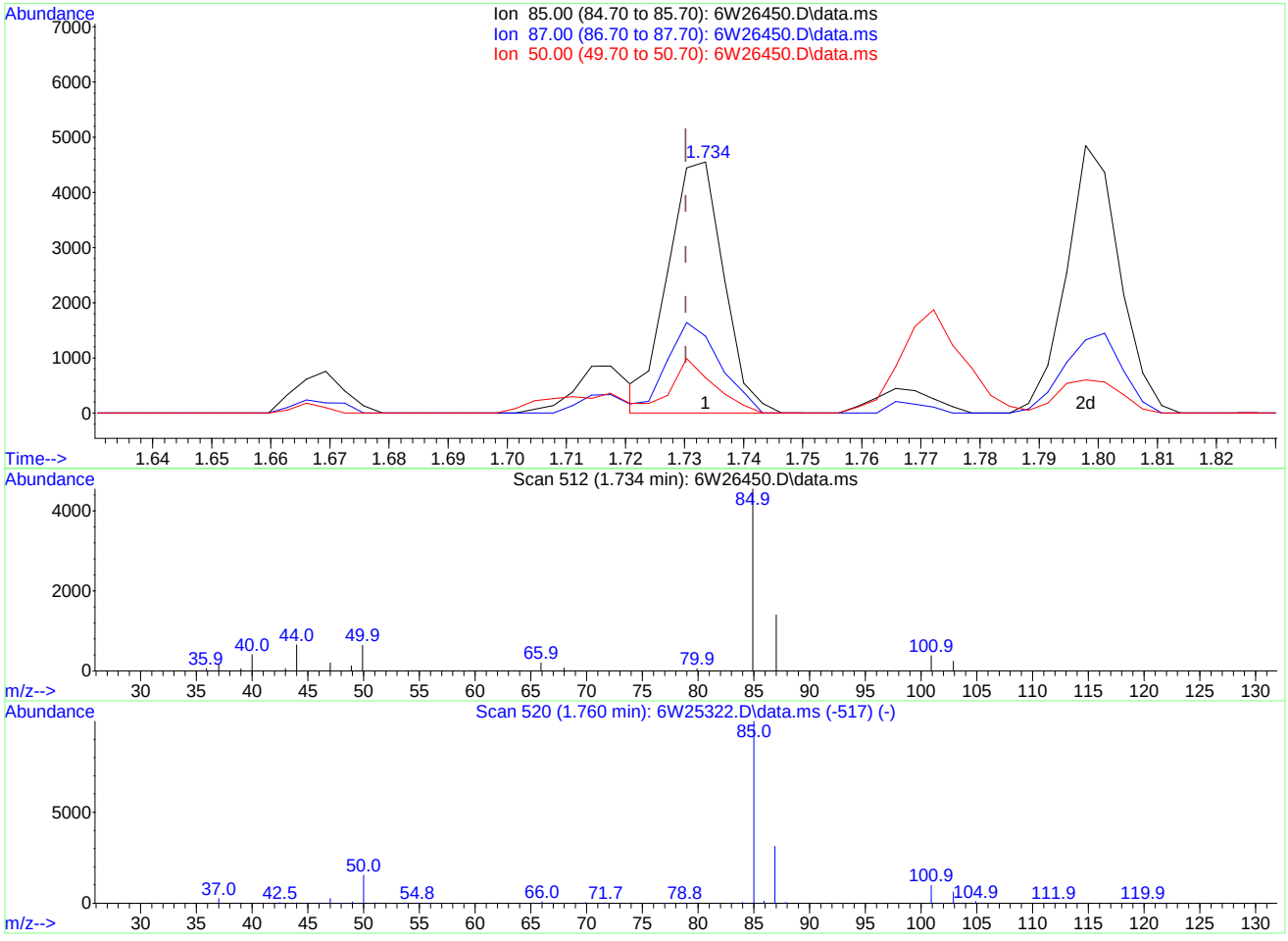
response 3525

Ion	Exp%	Act%
85.00	100	100
87.00	32.20	34.44
50.00	9.30	23.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26450.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.734min (+0.003) 0.21PPBV m

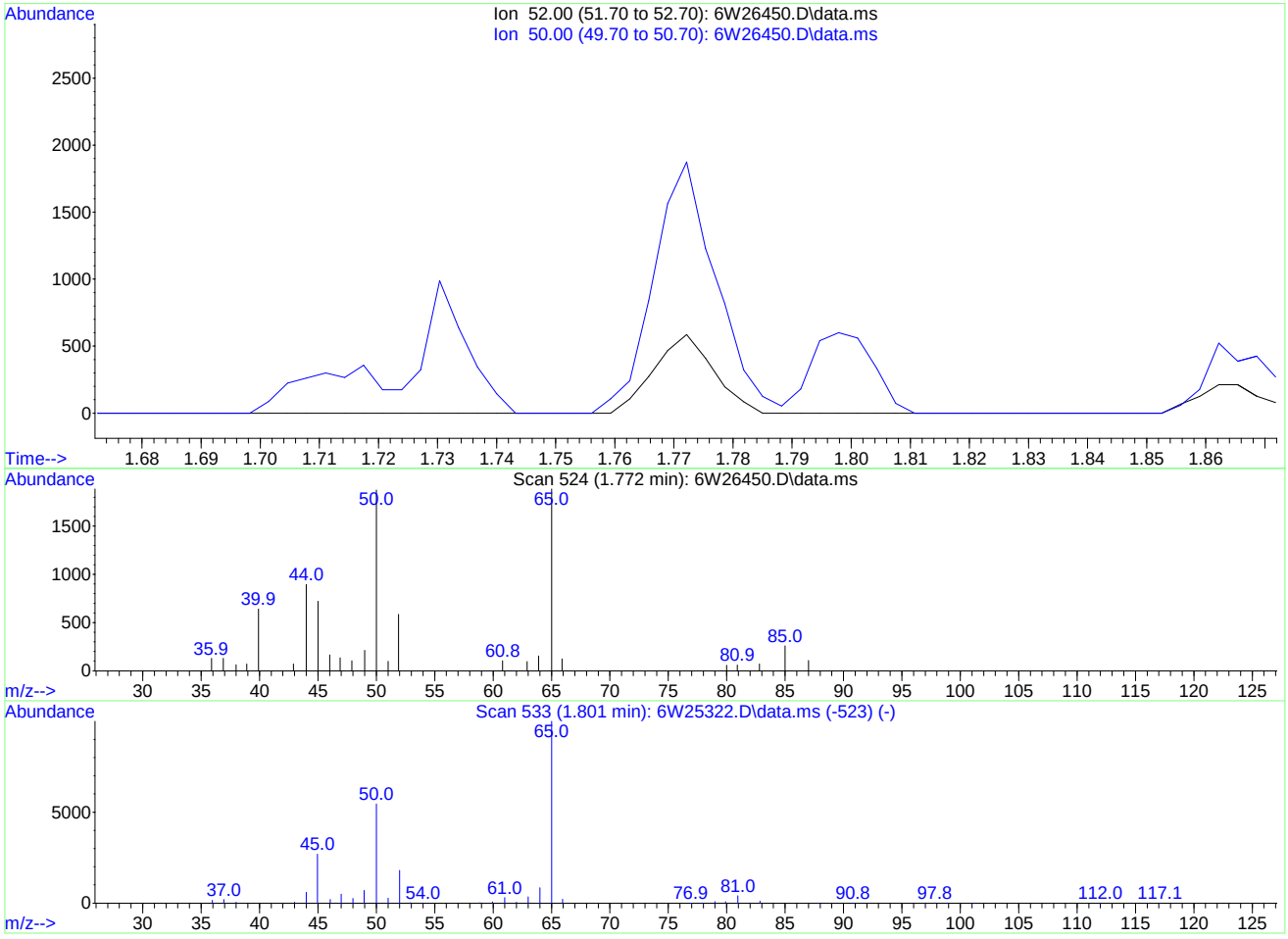
response 2981

Ion	Exp%	Act%
85.00	100	100
87.00	32.20	40.72#
50.00	9.30	27.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26450.D\data.ms

(10) CHLOROMETHANE (T)

1.772min (-1.772) 0.00PPBV

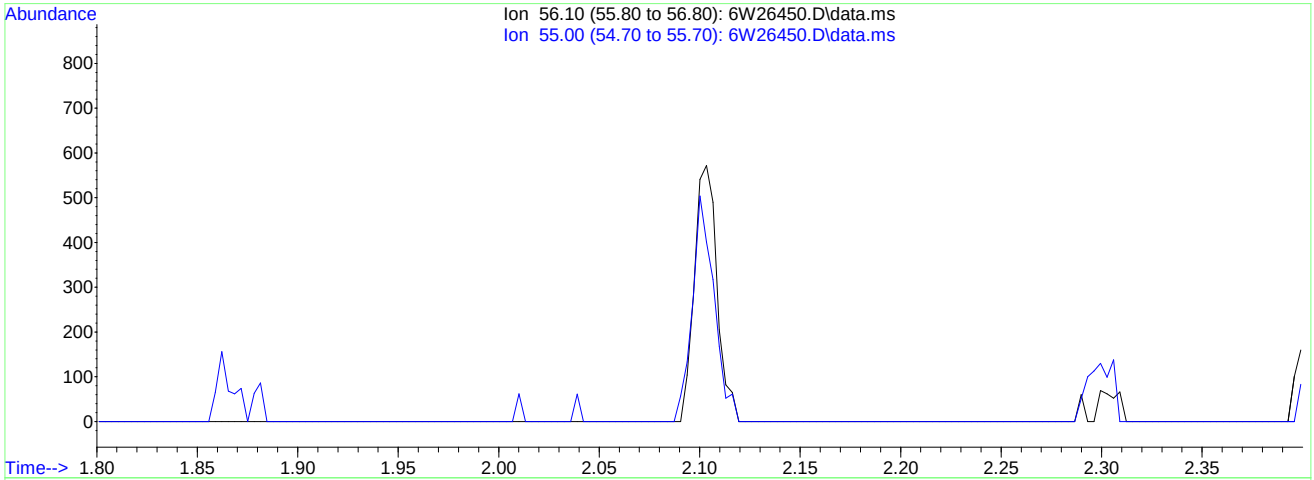
response 0

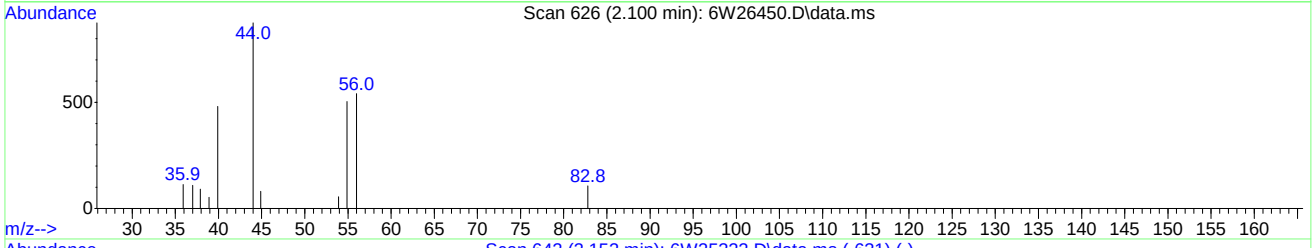
Ion	Exp%	Act%
52.00	100	0.00
50.00	310.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

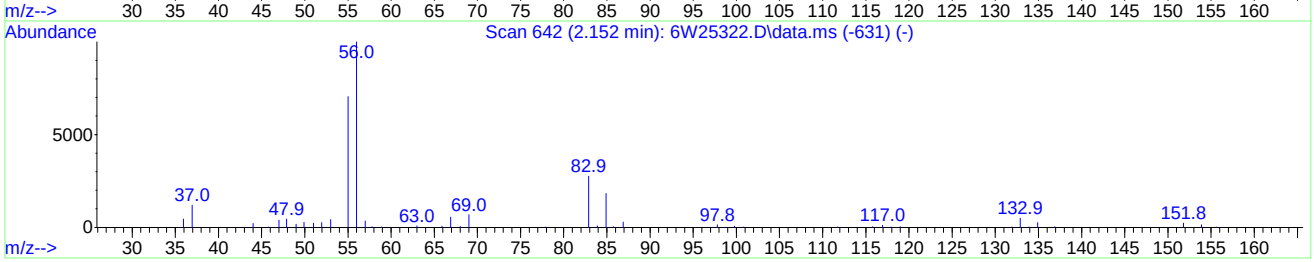
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26450.D\data.ms

(18) ACROLEIN (T)

2.100min (-2.100) 0.00PPBV

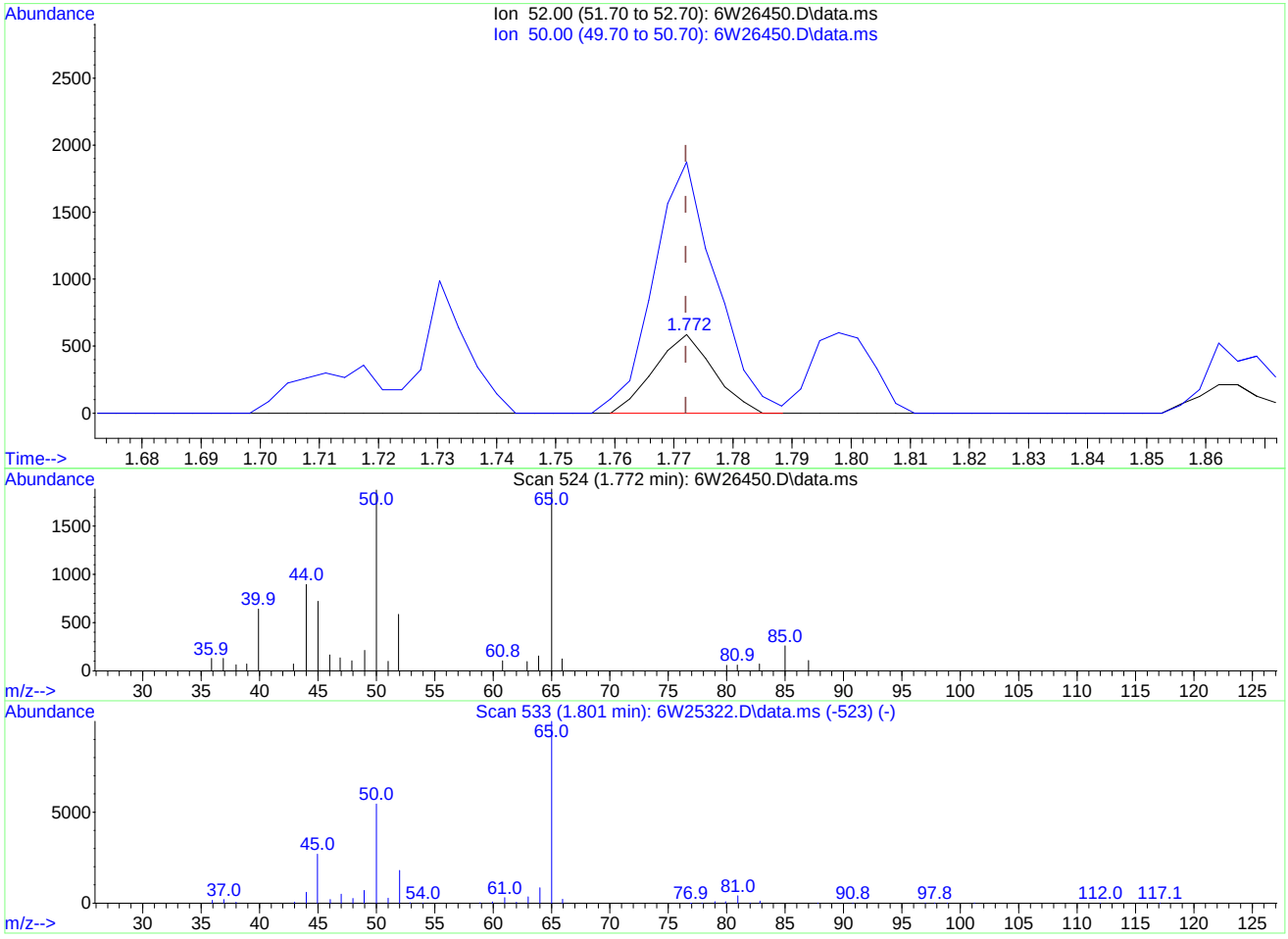
response 0

Ion	Exp%	Act%
56.10	100	0.00
55.00	70.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26450.D\data.ms

(10) CHLOROMETHANE (T)

1.772min (+0.000) 0.21PPBV m

response 410

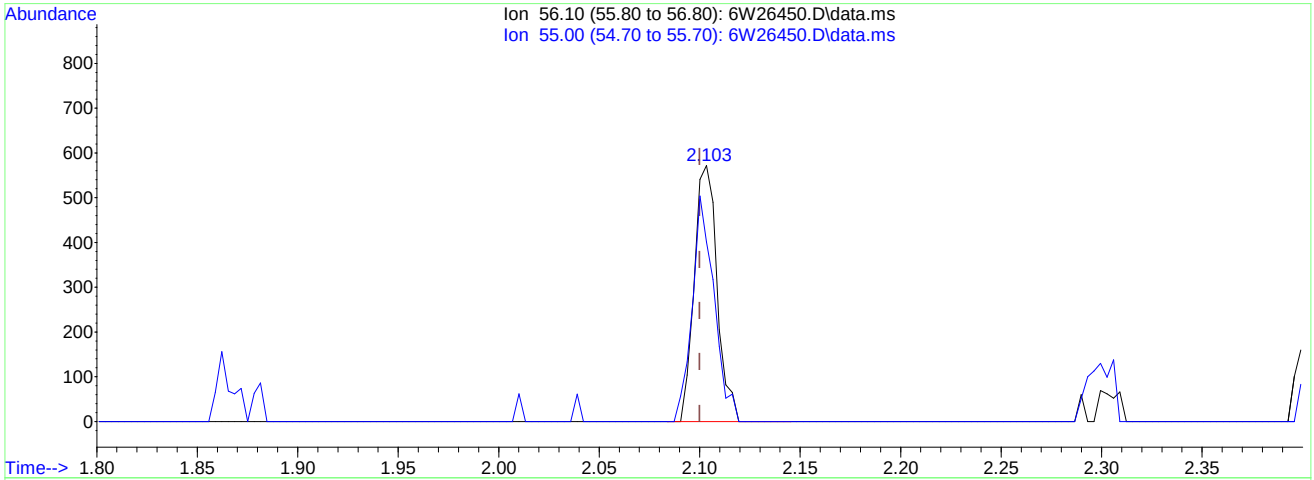
Ion	Exp%	Act%
52.00	100	100
50.00	310.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

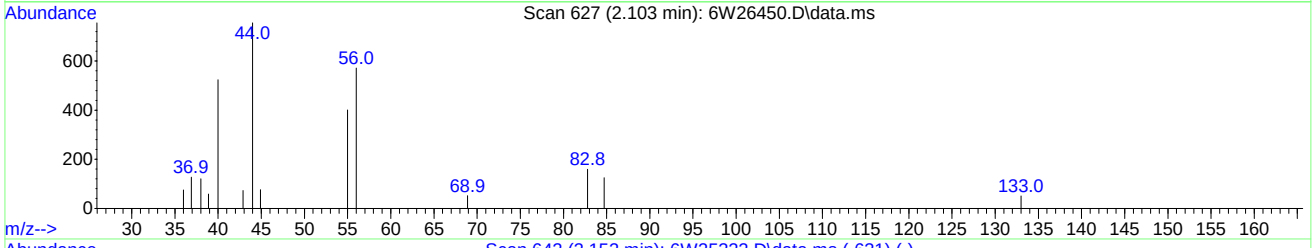
6W26450.D edits: CHLOROMETHANE

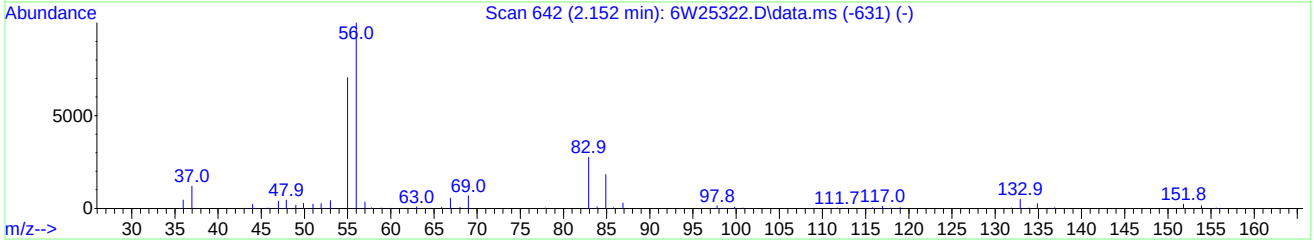
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26450.D\data.ms

(18) ACROLEIN (T)

2.103min (+0.003) 0.16PPBV m

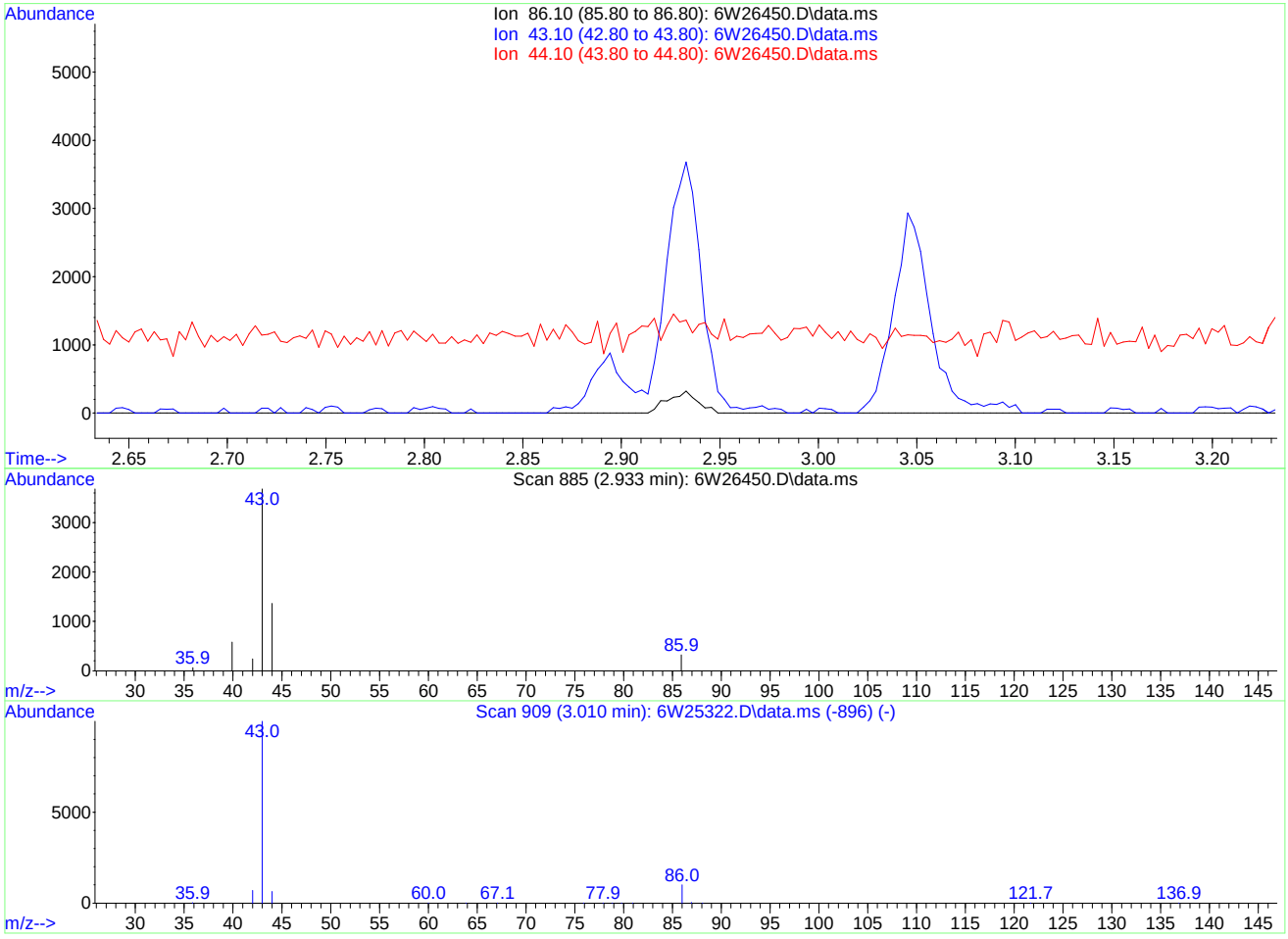
response 451

Ion	Exp%	Act%
56.10	100	100
55.00	70.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26450.D\data.ms

(39) VINYL ACETATE (T)

2.933min (-2.933) 0.00PPBV

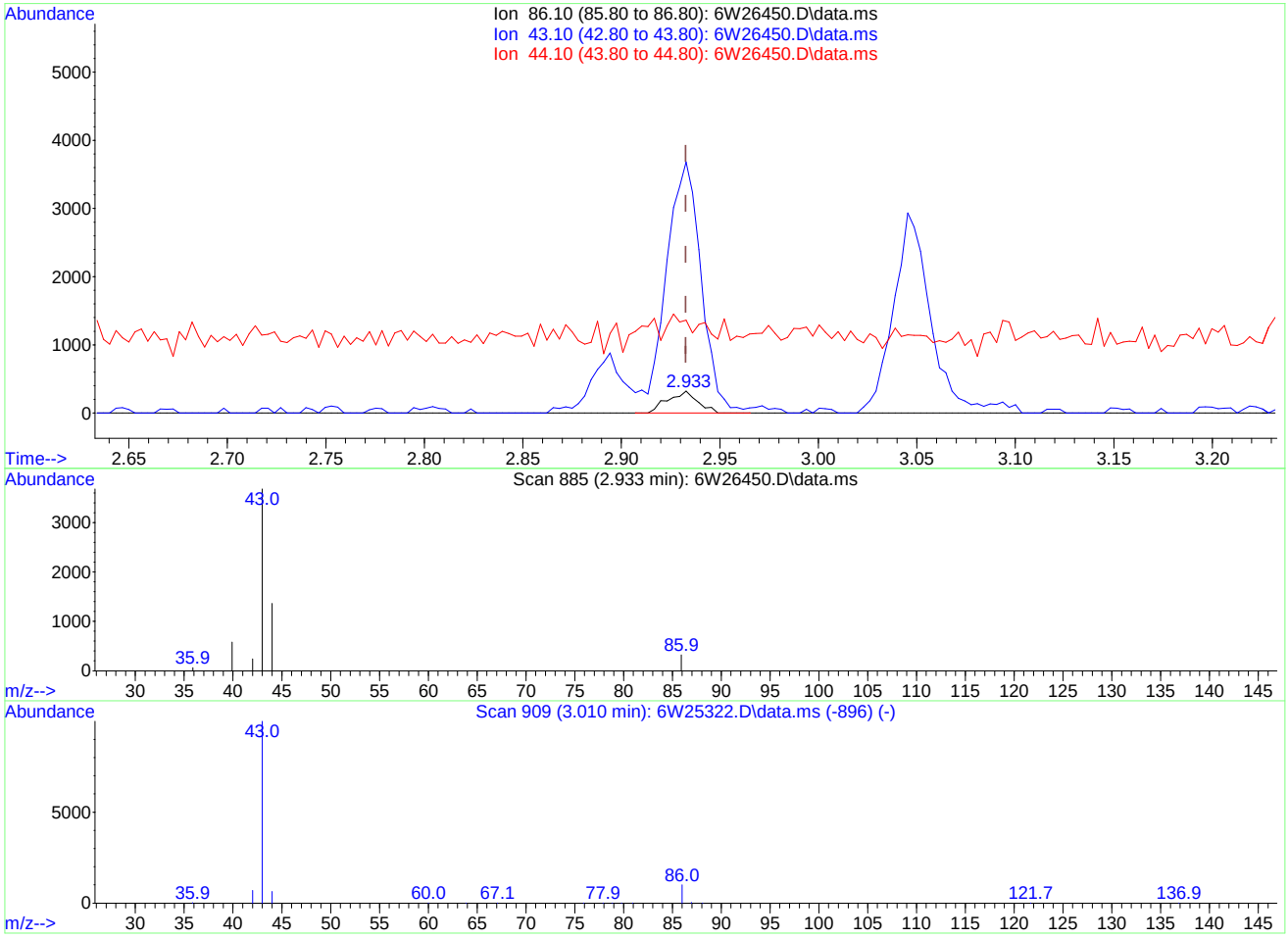
response 0

Ion	Exp%	Act%
86.10	100	0.00
43.10	782.90	0.00#
44.10	43.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26450.D\data.ms

(39) VINYL ACETATE (T)

2.933min (+0.000) 0.23PPBV m

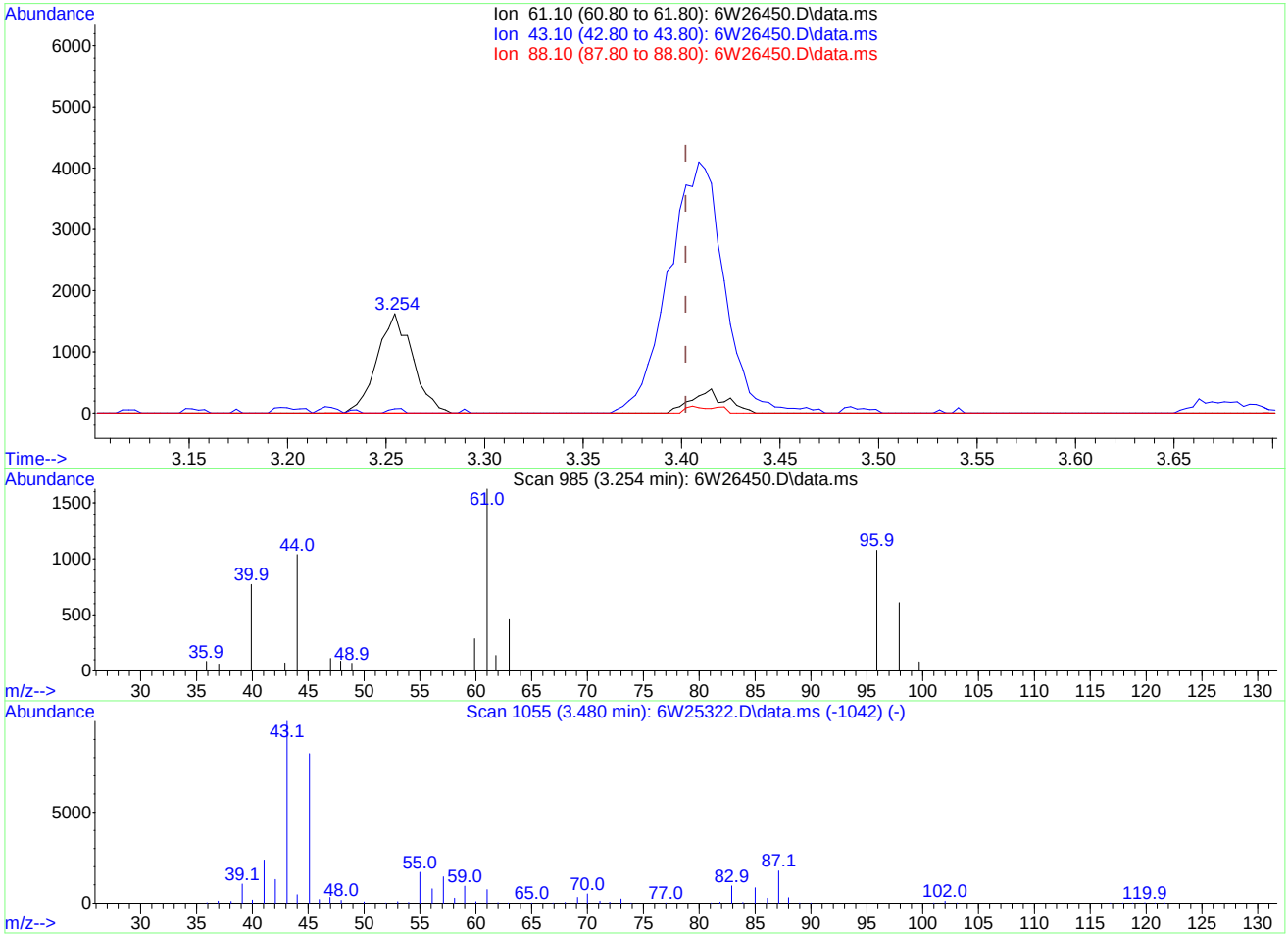
response 339

Ion	Exp%	Act%
86.10	100	100
43.10	782.90	0.00#
44.10	43.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26450.D\data.ms

(44) ETHYL ACETATE (T)

3.254min (-0.148) 0.87PPBV

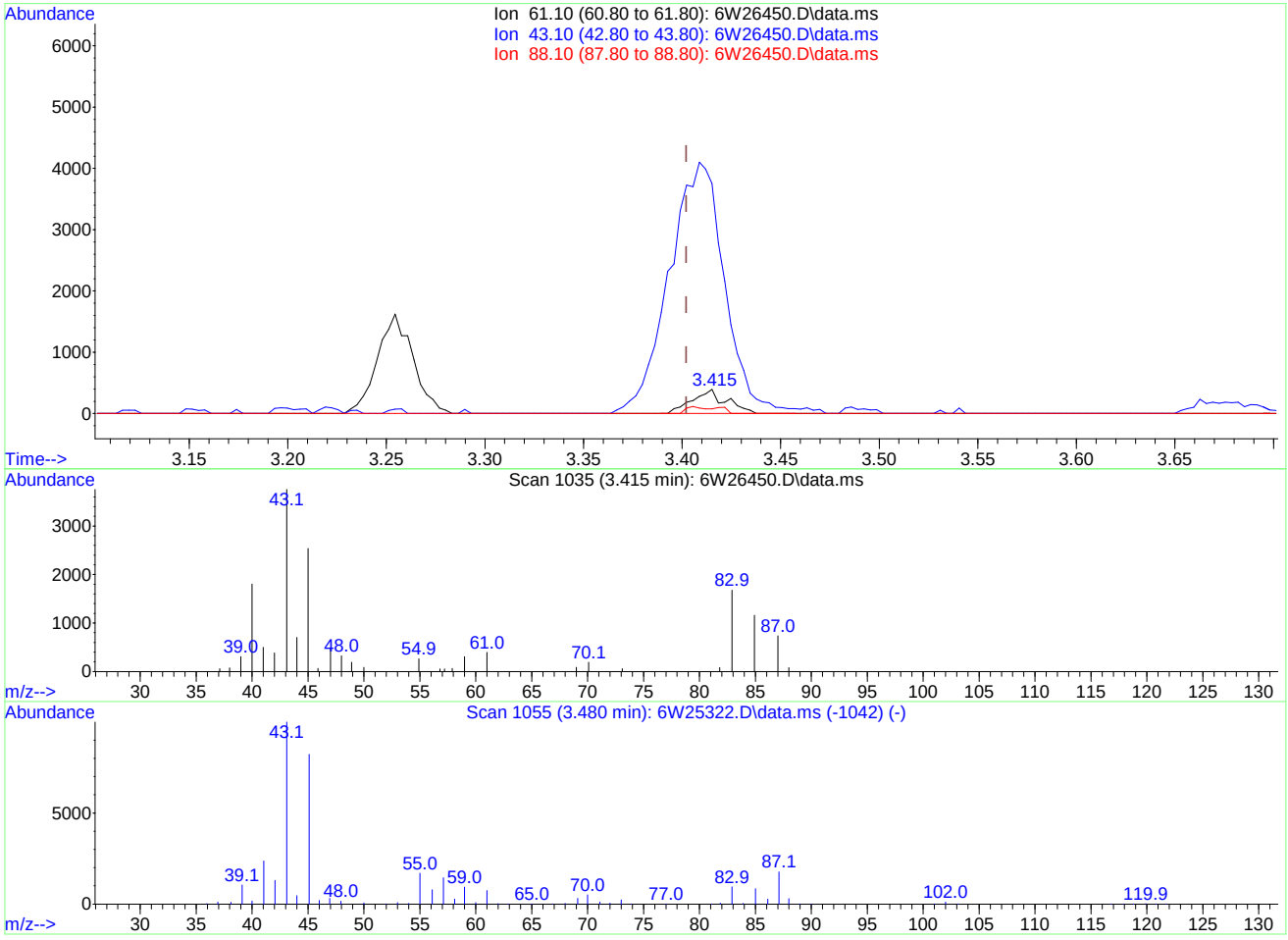
response 2040

Ion	Exp%	Act%
61.10	100	100
43.10	1232.70	0.00#
88.10	48.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26450.D\data.ms

(44) ETHYL ACETATE (T)

3.415min (+0.013) 0.20PPBV m

response 474

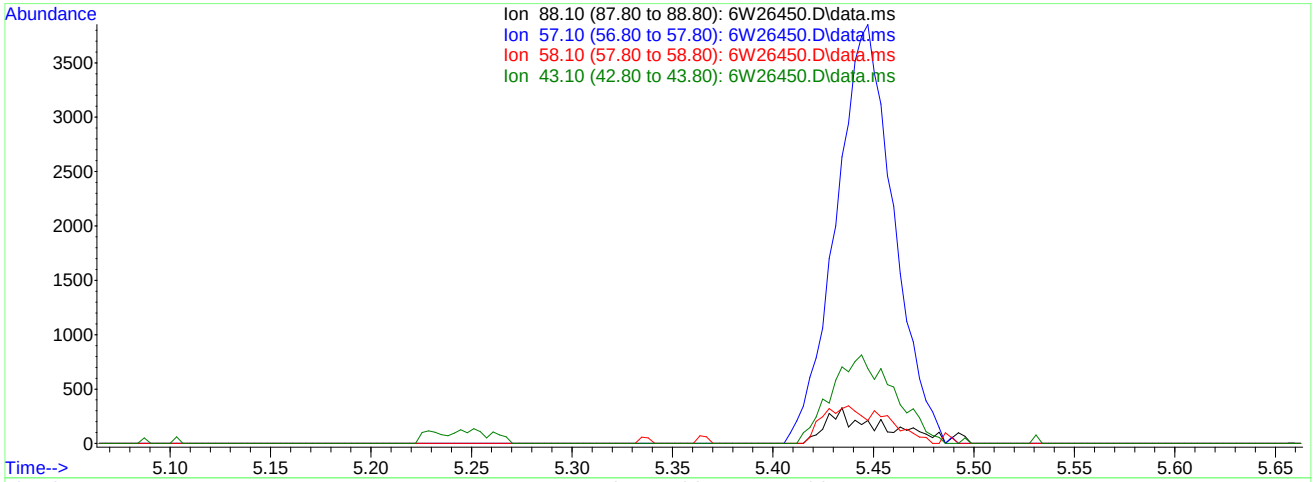
Ion	Exp%	Act%
61.10	100	100
43.10	1232.70	0.00#
88.10	48.50	0.00#
0.00	0.00	0.00

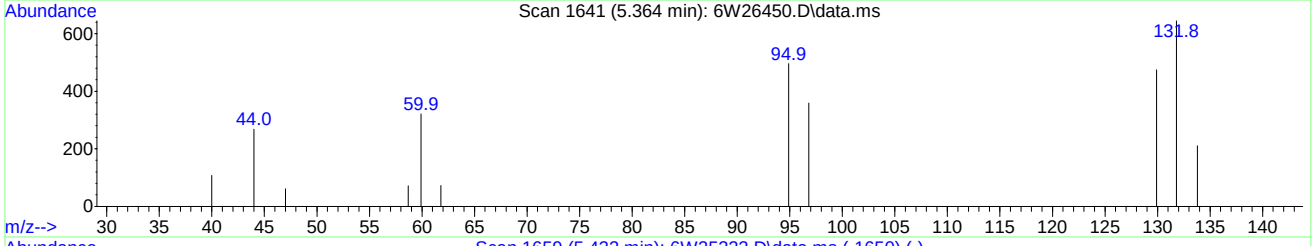
6W26450.D edits: ETHYL ACETATE

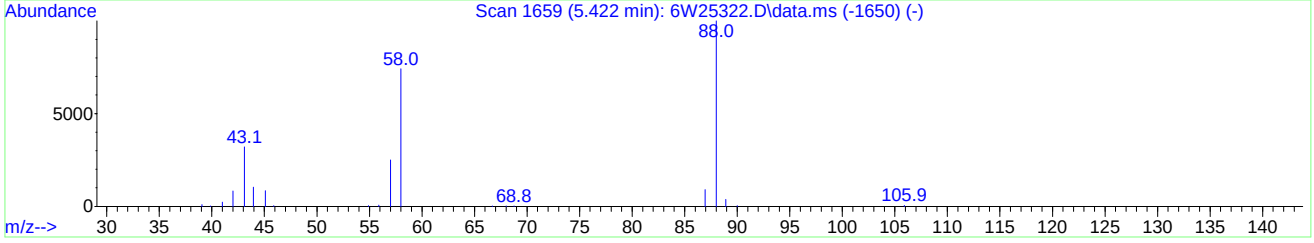
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26450.D\data.ms

(61) 1,4-DIOXANE (T)

5.364min (-5.364) 0.00PPBV

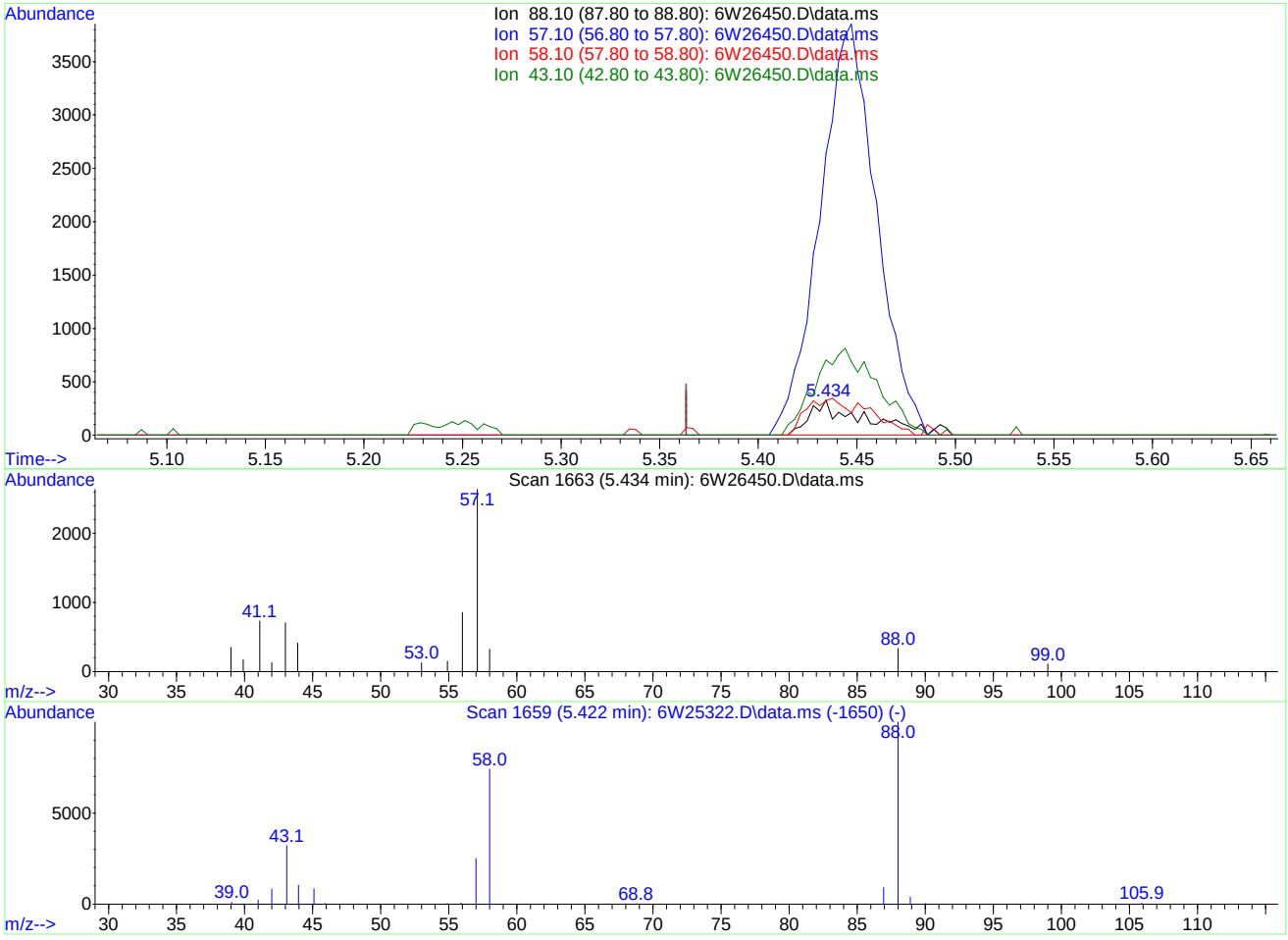
response 0

Ion	Exp%	Act%
88.10	100	0.00
57.10	18.70	0.00#
58.10	62.60	0.00#
43.10	19.20	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26450.D
Acq On : 19 Oct 2022 8:15 pm
Operator : thomash
Sample : ic1125-0.2
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:14:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26450.D\data.ms

(61) 1,4-DIOXANE (T)

5.434min (+0.071) 0.16PPBV m

response 650

Ion	Exp%	Act%
88.10	100	100
57.10	18.70	0.00#
58.10	62.60	0.00#
43.10	19.20	0.00#

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/20/22 12:15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26451.D
Acq On : 19 Oct 2022 8:47 pm
Operator : thomash
Sample : ic1125-0.5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:25:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.338	128	43611	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	212847	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.588	117	201898	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.022	95	138007	9.66	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	2036	0.58	PPBV	#	76
4) CHLORODIFLUOROMETHANE	1.708	67	916	0.57	PPBV	#	39
5) CHLOROTRIFLUOROETHENE	1.714	116	4273	0.56	PPBV	#	98
6) DICHLORODIFLUOROMETHANE	1.730	85	7321m	0.55	PPBV		
7) PROPYLENE	1.714	41	3257	0.61	PPBV		92
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	6430	0.55	PPBV	#	78
9) FREON 114	1.798	85	7336	0.56	PPBV		94
10) CHLOROMETHANE	1.769	52	1073	0.60	PPBV		98
11) VINYL CHLORIDE	1.830	62	3210	0.58	PPBV	#	91
12) 1,3-BUTADIENE	1.862	54	2567	0.57	PPBV	#	68
13) N-BUTANE	1.878	43	5494	0.59	PPBV	#	87
14) BROMOMETHANE	1.933	94	2394	0.56	PPBV	#	93
15) CHLOROETHANE	1.978	64	1513	0.56	PPBV	#	62
16) DICHLOROFLUOROMETHANE	2.004	67	6298	0.56	PPBV	#	94
17) ACETONITRILE	2.068	41	3448	0.61	PPBV	#	87
18) ACROLEIN	2.100	56	1132	0.42	PPBV		95
19) FREON 123	2.116	83	6000	0.57	PPBV		96
20) FREON 123A	2.129	117	3693	0.57	PPBV		88
21) TRICHLOROFLUOROMETHANE	2.190	101	7363	0.57	PPBV		99
22) ISOPROPYL ALCOHOL	2.209	45	7092	0.58	PPBV	#	89
23) ACETONE	2.142	58	2039	0.74	PPBV	#	45
24) PENTANE	2.299	42	4085	0.61	PPBV	#	93
25) IODOMETHANE	2.354	142	7193	0.57	PPBV	#	83
26) 1,1-DICHLOROETHYLENE	2.383	96	2843	0.54	PPBV	#	55
27) CARBON DISULFIDE	2.521	76	8911	0.54	PPBV	#	78
28) ETHANOL	2.010	45	2191	0.80	PPBV	#	95
29) BROMOETHENE	2.071	106	2565	0.57	PPBV	#	97
30) ACRYLONITRILE	2.270	52	2722	0.62	PPBV		90
31) METHYLENE CHLORIDE	2.422	84	3163	0.63	PPBV	#	35
32) 3-CHLOROPROPENE	2.463	76	1418	0.54	PPBV	#	1
33) FREON 113	2.521	151	5014	0.53	PPBV		90
34) TRANS-1,2-DICHLOROETHENE	2.769	96	3094	0.53	PPBV	#	74
35) TERTIARY BUTYL ALCOHOL	2.402	59	6106	0.57	PPBV	#	88
36) METHYL TERTIARY BUTYL ...	2.891	73	7692	0.53	PPBV	#	84
37) TETRAHYDROFURAN	3.659	72	1425	0.54	PPBV	#	15
38) HEXANE	3.389	57	6333	0.57	PPBV	#	74
39) VINYL ACETATE	2.933	86	545	0.40	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.852	63	6085	0.55	PPBV		97
41) METHYL ETHYL KETONE	3.045	72	1427	0.51	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.254	96	3326	0.55	PPBV	#	82
43) DIISOPROPYL ETHER	3.402	59	1703	0.53	PPBV	#	33
44) ETHYL ACETATE	3.412	61	1201	0.55	PPBV	#	1
45) METHYL ACRYLATE	3.393	55	7982	0.57	PPBV	#	98
46) CHLOROFORM	3.418	83	6839	0.55	PPBV	#	92
47) 2,4-DIMETHYLPENTANE	3.955	57	6927	0.53	PPBV	#	91
48) 1,1,1-TRICHLOROETHANE	4.042	97	6432	0.53	PPBV	#	90
49) CARBON TETRACHLORIDE	4.495	117	6798	0.50	PPBV		98
50) 1,2-DICHLOROETHANE	3.862	62	5168	0.55	PPBV	#	91
51) BENZENE	4.376	78	9500	0.53	PPBV		72
53) CYCLOHEXANE	4.601	84	4074	0.53	PPBV	#	70
54) 2,3-DIMETHYLPENTANE	4.868	71	2195	0.54	PPBV	#	42
55) TRICHLOROETHENE	5.344	95	4586	0.56	PPBV		98
56) 1,2-DICHLOROPROPANE	5.100	63	4155	0.55	PPBV		97
57) DIBROMOMETHANE	5.055	174	3857	0.51	PPBV	#	84

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26451.D
Acq On : 19 Oct 2022 8:47 pm
Operator : thomash
Sample : ic1125-0.5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:25:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

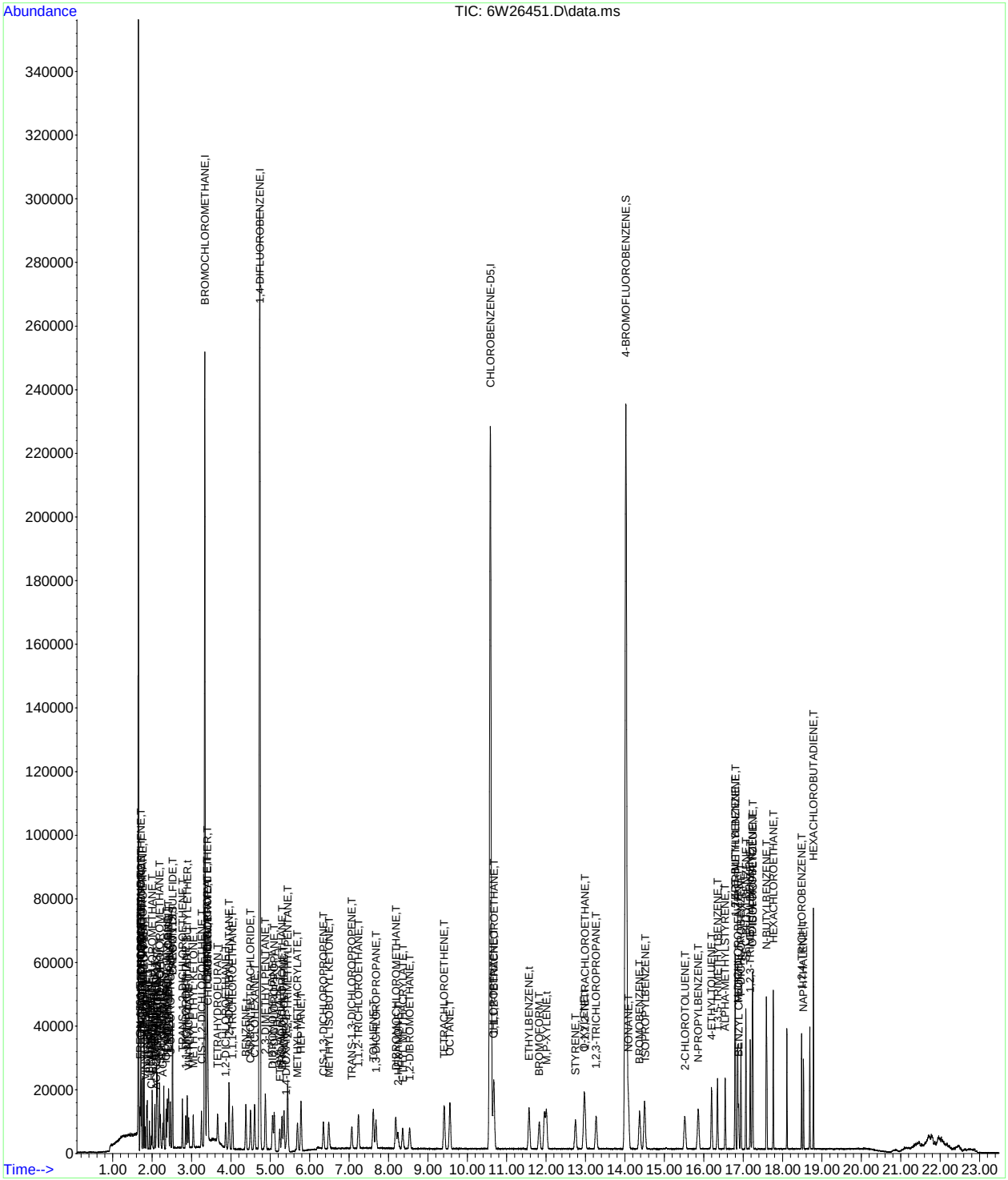
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) ETHYL ACRYLATE	5.241	55	8223	0.51	PPBV	#	90
59) BROMODICHLOROMETHANE	5.296	83	7543	0.55	PPBV		100
60) 2,2,4-TRIMETHYLPENTANE	5.441	57	18927	0.54	PPBV	#	98
61) 1,4-DIOXANE	5.402	88	1827	0.50	PPBV	#	69
62) HEPTANE	5.778	43	7366	0.54	PPBV	#	74
63) METHYL METHACRYLATE	5.685	69	3392	0.50	PPBV	#	46
64) METHYL ISOBUTYL KETONE	6.489	58	2555	0.42	PPBV	#	44
65) CIS-1,3-DICHLOROPROPENE	6.347	75	5324	0.53	PPBV	#	69
66) TOLUENE	7.614	91	11850	0.55	PPBV		99
67) 1,3-DICHLOROPROPANE	7.685	76	5895	0.54	PPBV	#	97
68) TRANS-1,3-DICHLOROPROPENE	7.064	75	4397	0.49	PPBV	#	70
69) 1,1,2-TRICHLOROETHANE	7.238	83	3813	0.58	PPBV		93
70) 2-HEXANONE	8.241	58	2442	0.35	PPBV	#	39
71) ETHYL METHACRYLATE	8.363	69	4486	0.42	PPBV	#	65
72) TETRACHLOROETHENE	9.412	164	4552	0.55	PPBV		92
73) DIBROMOCHLOROMETHANE	8.187	129	7719	0.53	PPBV		100
74) 1,2-DIBROMOETHANE	8.537	107	6461	0.54	PPBV	#	99
75) OCTANE	9.553	43	9456	0.50	PPBV	#	71
77) 1,1,1,2-TETRACHLOROETHANE	10.675	131	5101	0.47	PPBV		96
78) CHLOROBENZENE	10.662	112	9881	0.50	PPBV		98
79) ETHYLBENZENE	11.563	91	14798	0.47	PPBV		99
80) M,P-XYLENE	12.010	91	22467m	0.93	PPBV		
81) O-XYLENE	12.961	91	11051	0.45	PPBV	#	91
82) STYRENE	12.736	104	7540	0.40	PPBV		97
83) NONANE	14.090	43	11183	0.51	PPBV	#	71
84) BROMOFORM	11.823	173	6708	0.47	PPBV	#	90
85) 1,1,2,2-TETRACHLOROETHANE	12.984	83	9811	0.53	PPBV		98
86) 1,2,3-TRICHLOROPROPANE	13.267	75	7550	0.53	PPBV		97
88) ISOPROPYLBENZENE	14.511	105	16923	0.47	PPBV		94
89) BROMOBENZENE	14.373	77	8531	0.49	PPBV		97
90) 2-CHLOROTOLUENE	15.524	91	10727	0.43	PPBV		98
91) N-PROPYLBENZENE	15.858	91	17614	0.41	PPBV	#	96
92) 4-ETHYLTOLUENE	16.196	105	13852	0.38	PPBV	#	99
93) 1,3,5-TRIMETHYLBENZENE	16.350	105	11943	0.40	PPBV		97
94) ALPHA-METHYLSTYRENE	16.543	118	5514	0.37	PPBV		99
95) TERT-BUTYLBENZENE	16.797	119	13389	0.40	PPBV		94
96) 1,2,4-TRIMETHYLBENZENE	16.800	105	12326	0.40	PPBV		97
97) BENZYL CHLORIDE	16.887	91	6681	0.38	PPBV		96
98) M-DICHLOROBENZENE	16.865	146	9596	0.47	PPBV		97
99) P-DICHLOROBENZENE	16.942	146	9486	0.47	PPBV		98
100) O-DICHLOROBENZENE	17.234	146	9520	0.49	PPBV		98
101) SEC-BUTYLBENZENE	17.070	105	19173	0.42	PPBV		97
102) 1,2,3-TRIMETHYLBENZENE	17.180	105	12666	0.42	PPBV	#	96
103) P-ISOPROPYLTOLUENE	17.244	119	16473	0.41	PPBV		95
104) N-BUTYLBENZENE	17.588	91	13519	0.37	PPBV		98
105) HEXACHLOROETHANE	17.765	117	5837	0.46	PPBV	#	87
106) HEXACHLOROBUTADIENE	18.784	225	6322	0.46	PPBV		100
107) 1,2,4-TRICHLOROBENZENE	18.485	180	5667	0.36	PPBV		99
108) NAPHTHALENE	18.530	128	12011	0.30	PPBV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26451.D
Acq On : 19 Oct 2022 8:47 pm
Operator : thomash
Sample : ic1125-0.5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:25:54 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: V6W1125-IC1125
Lab FileID: 6W26451.D
Injection Time: 10/19/22 20:47

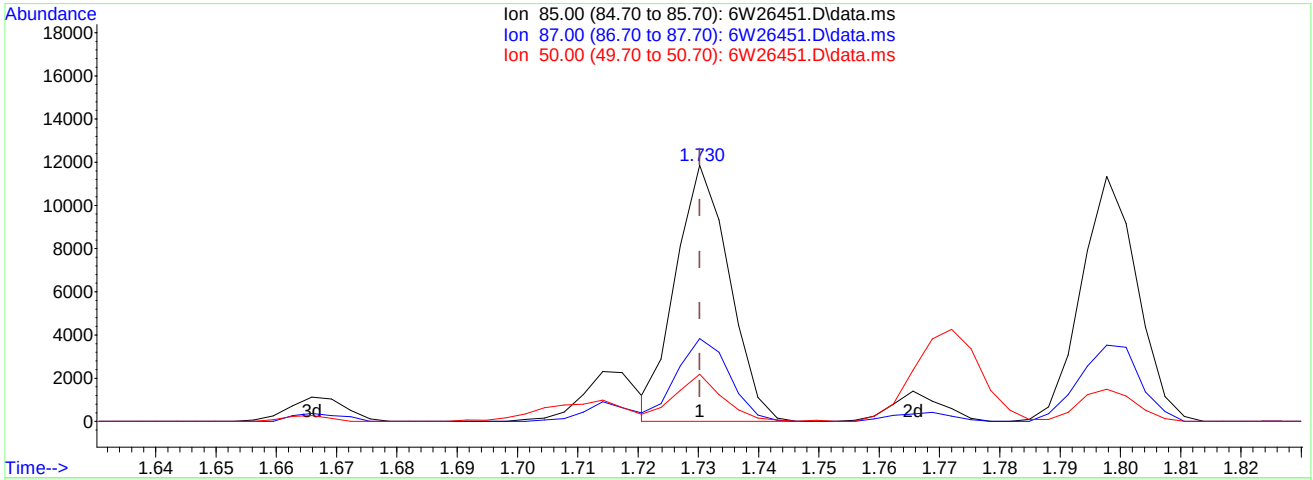
Method: TO-15
Analyst approved: 10/20/22 10:04 Thomas Hilbig
Supervisor approved: 10/20/22 12:15 Kanya Veerawat

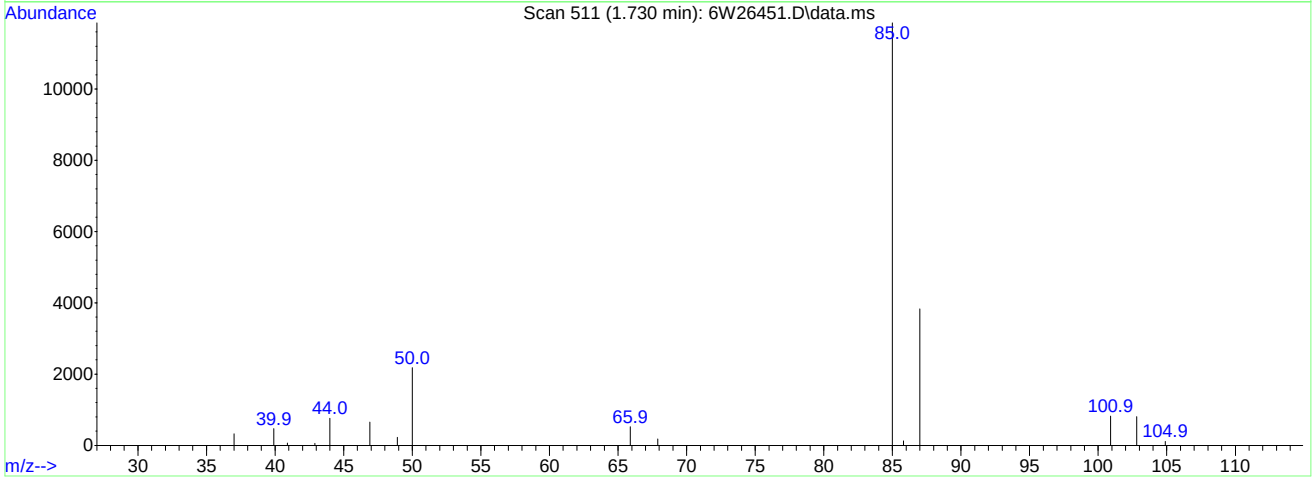
Parameter	CAS	Sig#	R.T. (min.)	Reason
Dichlorodifluoromethane	75-71-8		1.73	Overlapping peak
m,p-Xylene			12.01	Split peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26451.D
Acq On : 19 Oct 2022 8:47 pm
Operator : thomash
Sample : ic1125-0.5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:23:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26451.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (0.000) 0.55PPBV m

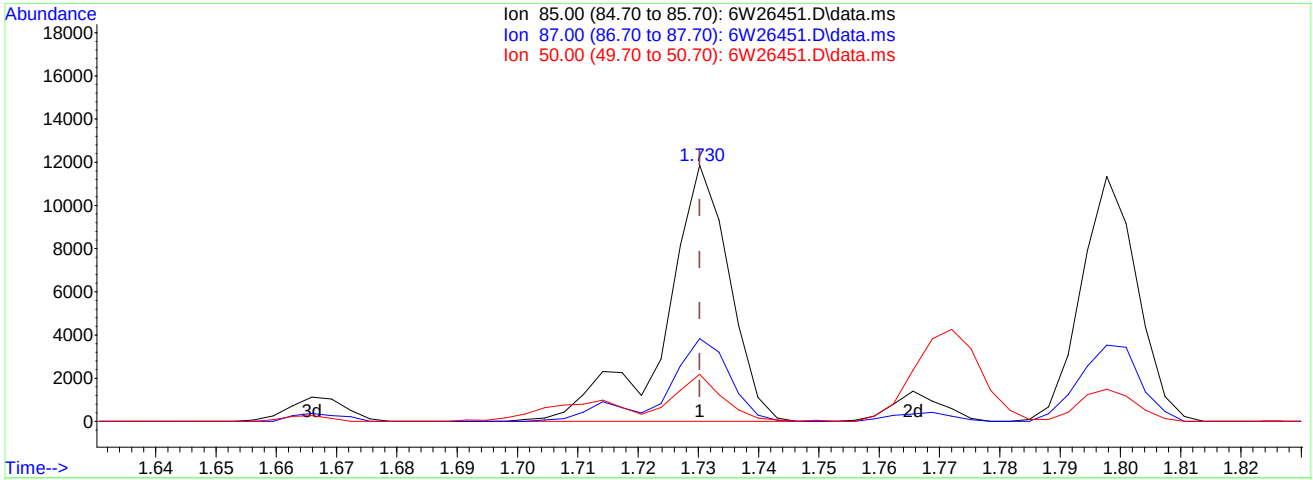
response 7321

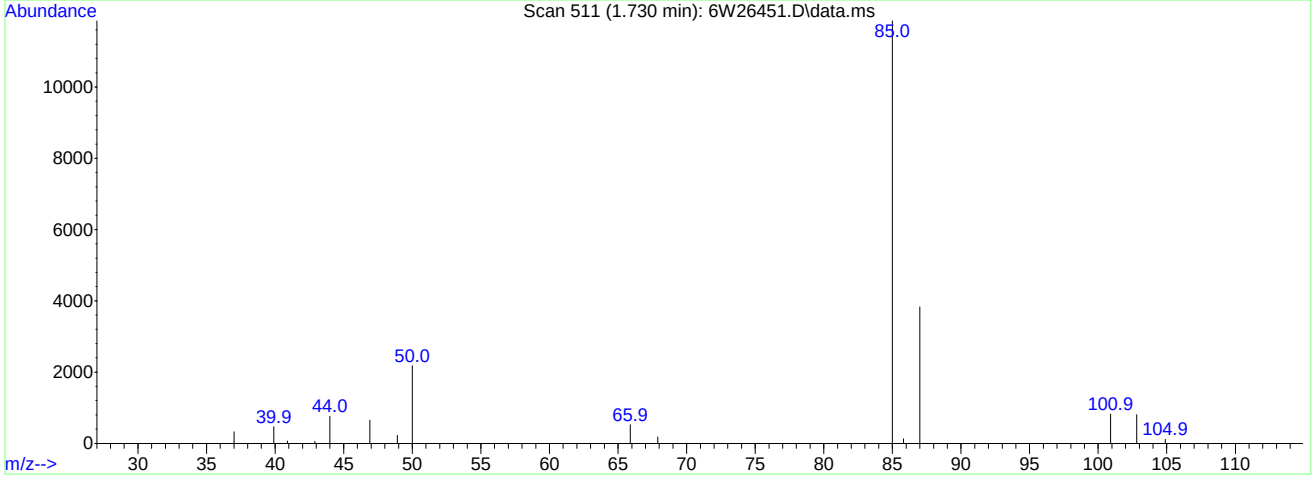
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	38.64#
50.00	9.30	29.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26451.D
Acq On : 19 Oct 2022 8:47 pm
Operator : thomash
Sample : ic1125-0.5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:23:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26451.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (0.000) 0.67PPBV

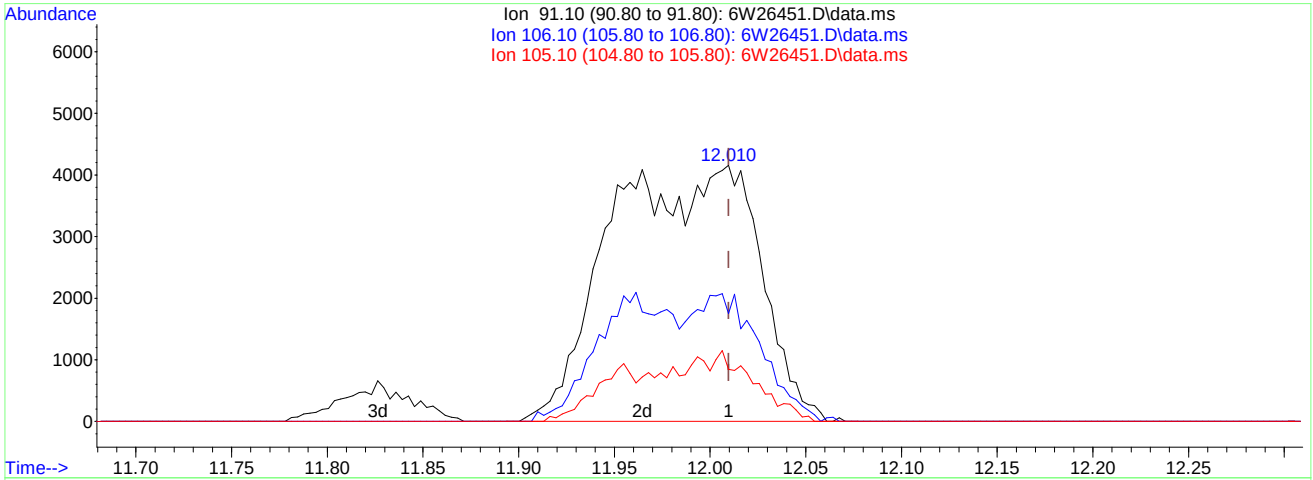
response 8806

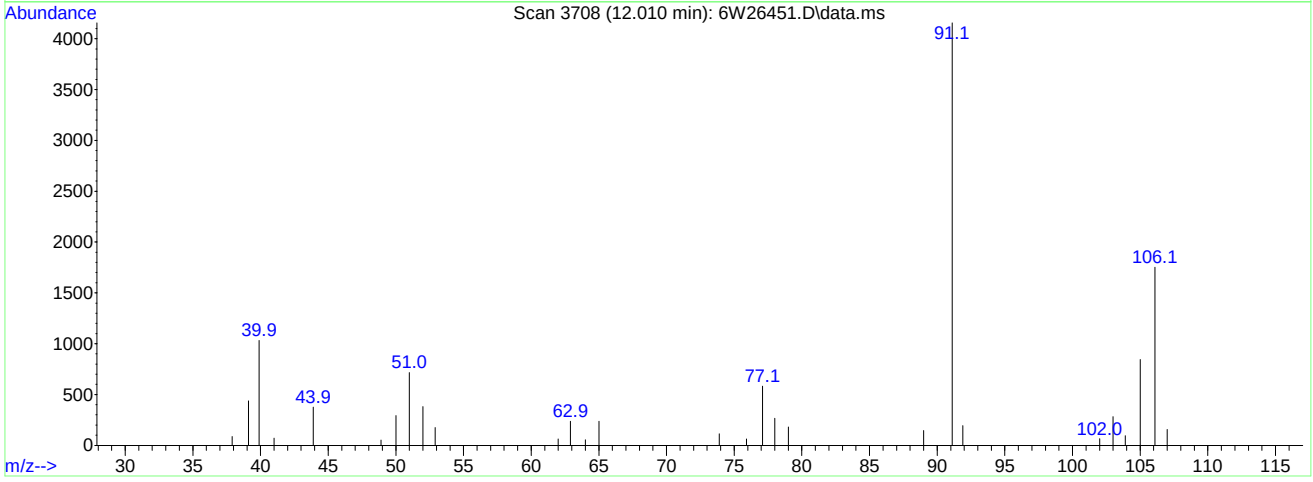
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	32.13
50.00	9.30	24.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26451.D
Acq On : 19 Oct 2022 8:47 pm
Operator : thomash
Sample : ic1125-0.5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 08:23:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26451.D\data.ms

(80) M,P-XYLENE (t)

12.010min (0.000) 0.93PPBV m

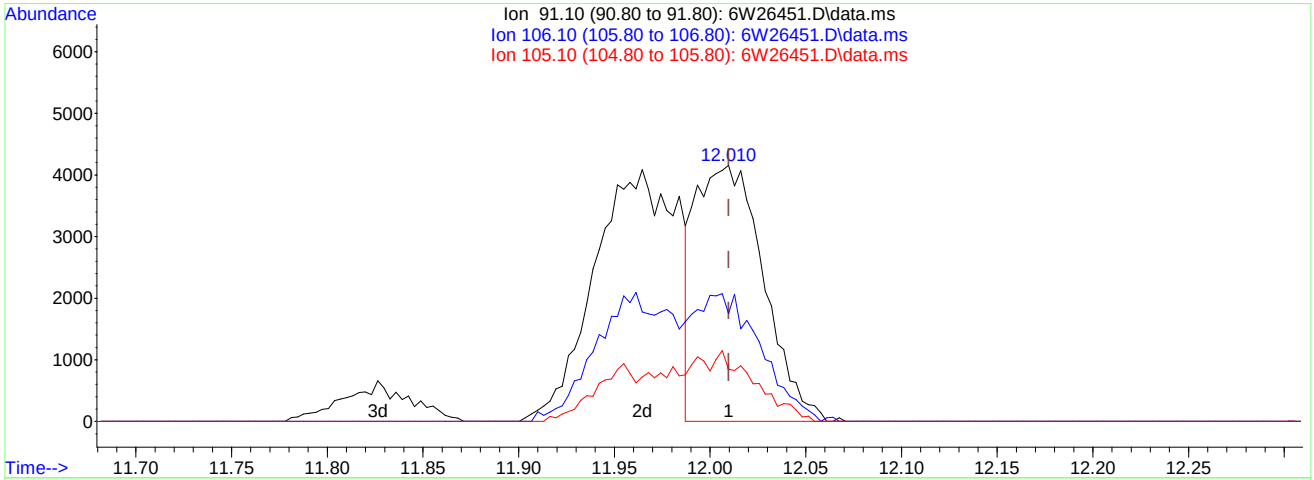
response 22467

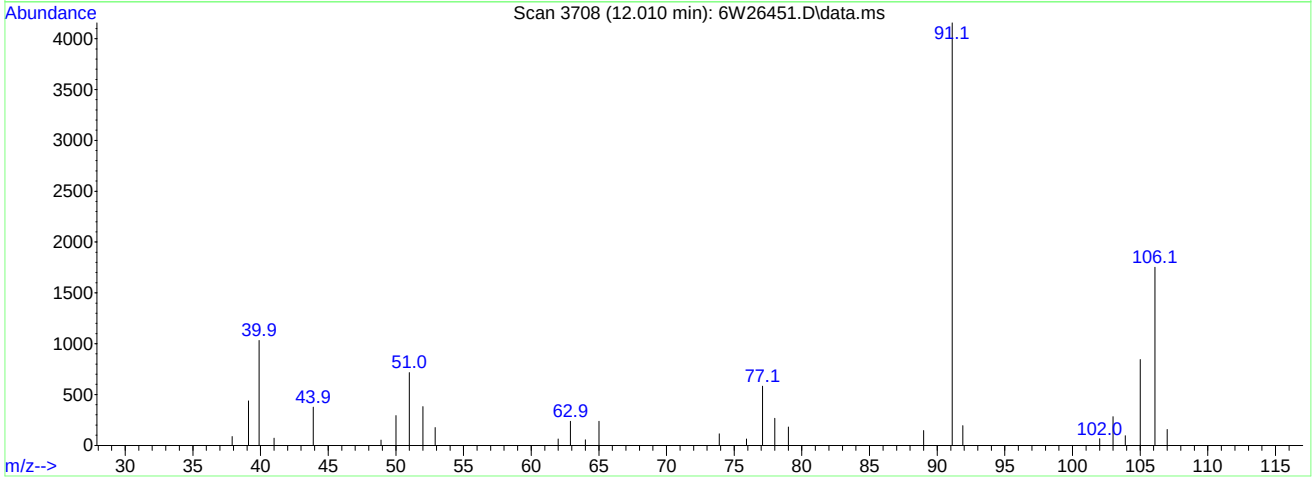
Ion	Exp%	Act%
91.10	100	100
106.10	51.50	22.10#
105.10	23.60	16.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\Raw Data\
Data File : 6W26451.D
Acq On : 19 Oct 2022 8:47 pm
Operator : thomash
Sample : ic1125-0.5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 20 10:02:04 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26451.D\data.ms

(80) M,P-XYLENE (t)

12.010min (0.000) 0.40PPBV

response 10308

Ion	Exp%	Act%
91.10	100	100
106.10	51.50	48.18
105.10	23.60	34.93
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/20/22 12:15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26453.D
Acq On : 19 Oct 2022 9:52 pm
Operator : thomash
Sample : ic1125-5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 08:28:12 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:27:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.338	128	48052	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	238668	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.582	117	209355	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.022	95	146090	10.19	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	19907	2.65	PPBV	#	74
4) CHLORODIFLUOROMETHANE	1.705	67	9181	4.69	PPBV		97
5) CHLOROTRIFLUOROETHENE	1.714	116	43331	4.64	PPBV	#	99
6) DICHLORODIFLUOROMETHANE	1.730	85	73368m	4.83	PPBV		
7) PROPYLENE	1.714	41	29308	4.61	PPBV		96
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	65971	4.79	PPBV	#	85
9) FREON 114	1.798	85	72621	4.52	PPBV		97
10) CHLOROMETHANE	1.772	52	10071	4.38	PPBV		91
11) VINYL CHLORIDE	1.827	62	30710	4.48	PPBV		97
12) 1,3-BUTADIENE	1.865	54	25561	4.68	PPBV	#	68
13) N-BUTANE	1.878	43	53529	3.91	PPBV	#	91
14) BROMOMETHANE	1.933	94	24626	4.79	PPBV		97
15) CHLOROETHANE	1.978	64	15370	4.88	PPBV		92
16) DICHLOROFLUOROMETHANE	2.000	67	63935	4.76	PPBV	#	94
17) ACETONITRILE	2.065	41	32753	4.23	PPBV		96
18) ACROLEIN	2.100	56	15089	6.24	PPBV		100
19) FREON 123	2.116	83	58941	4.60	PPBV		94
20) FREON 123A	2.132	117	36017	4.72	PPBV		85
21) TRICHLOROFLUOROMETHANE	2.190	101	81701	5.19	PPBV		100
22) ISOPROPYL ALCOHOL	2.209	45	70608	4.14	PPBV	#	93
23) ACETONE	2.139	58	14329	3.22	PPBV	#	20
24) PENTANE	2.299	42	42306	4.65	PPBV	#	93
25) IODOMETHANE	2.357	142	81476	5.47	PPBV	#	85
26) 1,1-DICHLOROETHYLENE	2.383	96	30944	5.07	PPBV	#	60
27) CARBON DISULFIDE	2.521	76	94990	4.99	PPBV	#	88
28) ETHANOL	2.007	45	15267	3.22	PPBV	#	96
29) BROMOETHENE	2.071	106	24699	4.53	PPBV	#	95
30) ACRYLONITRILE	2.274	52	27837	5.11	PPBV		95
31) METHYLENE CHLORIDE	2.422	84	29001	3.93	PPBV	#	51
32) 3-CHLOROPROPENE	2.463	76	14916	1.84	PPBV	#	1
33) FREON 113	2.521	151	54753	5.18	PPBV		91
34) TRANS-1,2-DICHLOROETHENE	2.769	96	33613	4.97	PPBV	#	81
35) TERTIARY BUTYL ALCOHOL	2.396	59	57315	4.48	PPBV	#	93
36) METHYL TERTIARY BUTYL ...	2.888	73	78884	4.91	PPBV	#	92
37) TETRAHYDROFURAN	3.653	72	15076	5.13	PPBV	#	44
38) HEXANE	3.396	57	63277	4.85	PPBV	#	77
39) VINYL ACETATE	2.930	86	7142	4.83	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.852	63	63853	5.02	PPBV		98
41) METHYL ETHYL KETONE	3.036	72	15342	4.76	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.254	96	34169	4.70	PPBV	#	80
43) DIISOPROPYL ETHER	3.396	59	18288	5.08	PPBV	#	51
44) ETHYL ACETATE	3.402	61	12164	4.77	PPBV	#	13
45) METHYL ACRYLATE	3.389	55	77002	4.95	PPBV	#	98
46) CHLOROFORM	3.418	83	70989	4.91	PPBV	#	93
47) 2,4-DIMETHYLPENTANE	3.958	57	72717	5.13	PPBV		92
48) 1,1,1-TRICHLOROETHANE	4.045	97	67185	4.77	PPBV	#	90
49) CARBON TETRACHLORIDE	4.502	117	74873	5.21	PPBV		100
50) 1,2-DICHLOROETHANE	3.868	62	53248	4.79	PPBV	#	94
51) BENZENE	4.383	78	101339	4.56	PPBV		79
53) CYCLOHEXANE	4.605	84	42608	4.92	PPBV	#	73
54) 2,3-DIMETHYLPENTANE	4.881	71	23101	4.70	PPBV	#	54
55) TRICHLOROETHENE	5.347	95	47636	5.11	PPBV		98
56) 1,2-DICHLOROPROPANE	5.100	63	43029	4.96	PPBV		97
57) DIBROMOMETHANE	5.058	174	42656	4.61	PPBV		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26453.D
Acq On : 19 Oct 2022 9:52 pm
Operator : thomash
Sample : ic1125-5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 08:28:12 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:27:42 2022
Response via : Initial Calibration

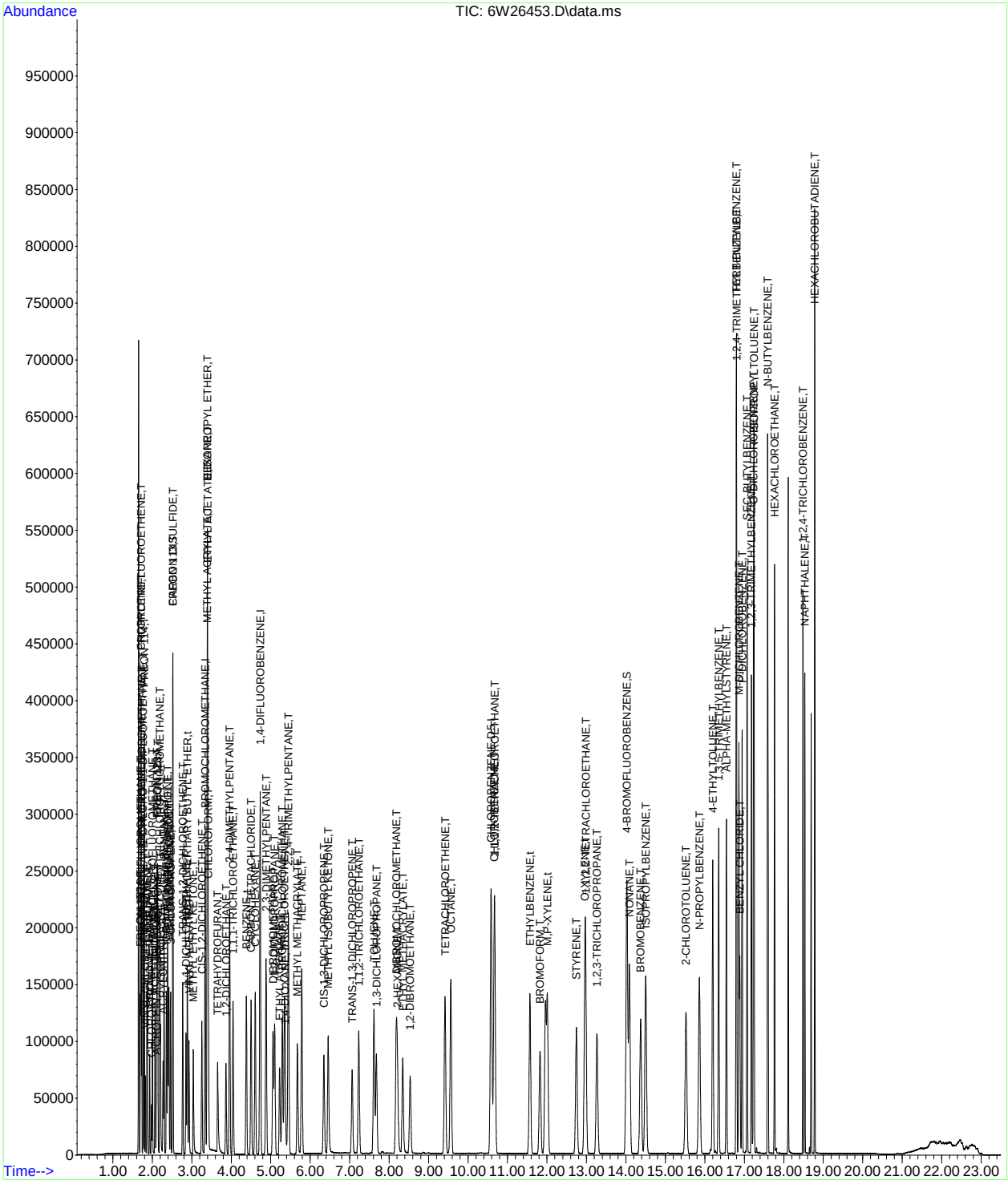
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) ETHYL ACRYLATE	5.225	55	89611	5.35	PPBV	#	96
59) BROMODICHLOROMETHANE	5.293	83	78333	4.91	PPBV		99
60) 2,2,4-TRIMETHYLPENTANE	5.447	57	200710	5.17	PPBV	#	98
61) 1,4-DIOXANE	5.370	88	19670	5.29	PPBV	#	85
62) HEPTANE	5.785	43	79722	4.98	PPBV	#	73
63) METHYL METHACRYLATE	5.675	69	37067	5.13	PPBV	#	50
64) METHYL ISOBUTYL KETONE	6.457	58	33688	6.44	PPBV	#	62
65) CIS-1,3-DICHLOROPROPENE	6.347	75	55063	5.09	PPBV	#	71
66) TOLUENE	7.617	91	120813	4.27	PPBV		99
67) 1,3-DICHLOROPROPANE	7.679	76	63315	5.00	PPBV		99
68) TRANS-1,3-DICHLOROPROPENE	7.064	75	47715	5.28	PPBV	#	74
69) 1,1,2-TRICHLOROETHANE	7.235	83	37548	4.92	PPBV		98
70) 2-HEXANONE	8.212	58	34192	6.90	PPBV	#	56
71) ETHYL METHACRYLATE	8.347	69	57397	6.27	PPBV	#	69
72) TETRACHLOROETHENE	9.421	164	46844	5.43	PPBV		92
73) DIBROMOCHLOROMETHANE	8.180	129	82147	5.28	PPBV		99
74) 1,2-DIBROMOETHANE	8.531	107	67572	4.93	PPBV		99
75) OCTANE	9.566	43	105512	5.23	PPBV	#	74
77) 1,1,1,2-TETRACHLOROETHANE	10.675	131	55973	5.11	PPBV		97
78) CHLOROBENZENE	10.662	112	102291	5.19	PPBV		100
79) ETHYLBENZENE	11.569	91	159993	4.02	PPBV		99
80) M,P-XYLENE	12.006	91	250224	8.76	PPBV	#	68
81) O-XYLENE	12.958	91	126171	4.45	PPBV		99
82) STYRENE	12.746	104	92962	5.89	PPBV		97
83) NONANE	14.087	43	115009	4.89	PPBV	#	75
84) BROMOFORM	11.823	173	72574	5.21	PPBV	#	97
85) 1,1,2,2-TETRACHLOROETHANE	12.981	83	96502	5.13	PPBV		98
86) 1,2,3-TRICHLOROPROPANE	13.264	75	75375	5.14	PPBV		99
88) ISOPROPYLBENZENE	14.501	105	185523	5.20	PPBV	#	94
89) BROMOBENZENE	14.373	77	90723	5.29	PPBV		96
90) 2-CHLOROTOLUENE	15.521	91	127993	5.96	PPBV		99
91) N-PROPYLBENZENE	15.861	91	218987	6.23	PPBV	#	97
92) 4-ETHYLTOLUENE	16.199	105	184676	7.07	PPBV		100
93) 1,3,5-TRIMETHYLBENZENE	16.350	105	152452	6.64	PPBV		99
94) ALPHA-METHYLSTYRENE	16.546	118	75375	7.02	PPBV		99
95) TERT-BUTYLBENZENE	16.797	119	171850	6.68	PPBV		98
96) 1,2,4-TRIMETHYLBENZENE	16.804	105	160966	6.93	PPBV		95
97) BENZYL CHLORIDE	16.887	91	79996	6.95	PPBV		98
98) M-DICHLOROBENZENE	16.861	146	105031	5.93	PPBV		98
99) P-DICHLOROBENZENE	16.945	146	104393	5.98	PPBV		98
100) O-DICHLOROBENZENE	17.234	146	102199	5.87	PPBV		99
101) SEC-BUTYLBENZENE	17.070	105	234846	6.67	PPBV		99
102) 1,2,3-TRIMETHYLBENZENE	17.180	105	154554	6.70	PPBV		99
103) P-ISOPROPYLTOLUENE	17.247	119	201910	6.93	PPBV		97
104) N-BUTYLBENZENE	17.588	91	185283	7.89	PPBV		98
105) HEXACHLOROETHANE	17.765	117	63914	5.17	PPBV	#	88
106) HEXACHLOROBUTADIENE	18.784	225	68032	5.57	PPBV		100
107) 1,2,4-TRICHLOROBENZENE	18.485	180	72353	7.80	PPBV		97
108) NAPHTHALENE	18.533	128	175017	9.54	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26453.D
Acq On : 19 Oct 2022 9:52 pm
Operator : thomash
Sample : ic1125-5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 08:28:12 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:27:42 2022
Response via : Initial Calibration



Manual Integration Approval Summary

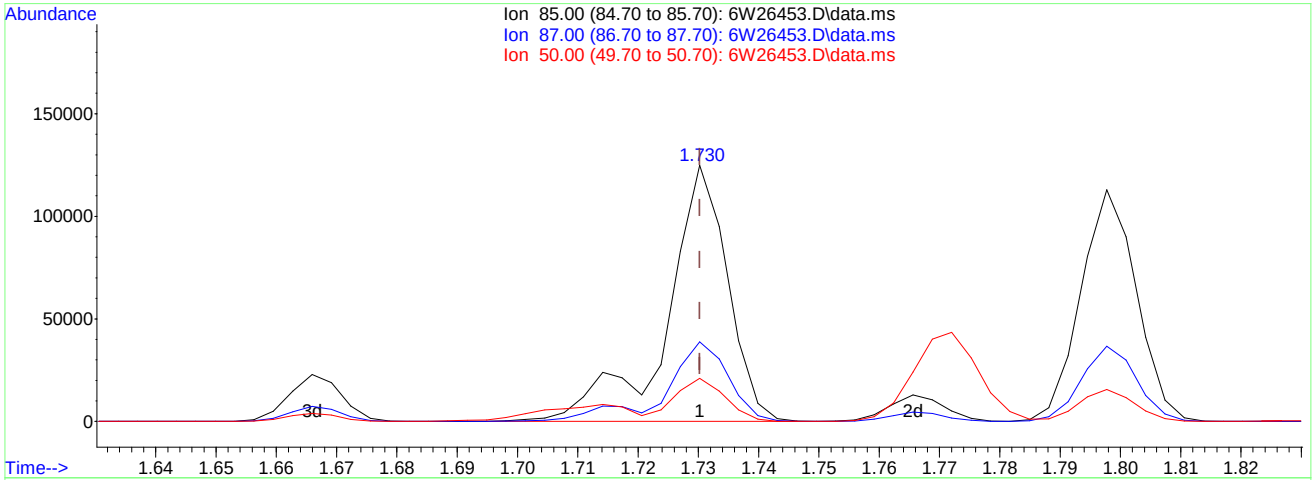
Sample Number: V6W1125-IC1125
Lab FileID: 6W26453.D
Injection Time: 10/19/22 21:52
Method: TO-15
Analyst approved: 10/20/22 10:04 Thomas Hilbig
Supervisor approved: 10/20/22 12:15 Kanya Veerawat

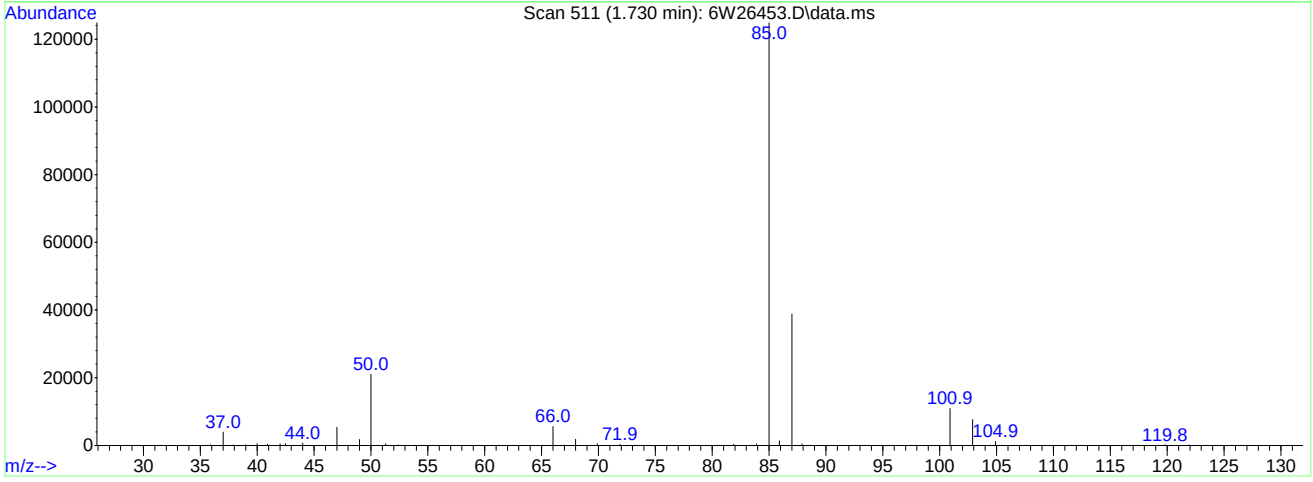
Parameter	CAS	Sig#	R.T. (min.)	Reason
Dichlorodifluoromethane	75-71-8		1.73	Overlapping peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26453.D
Acq On : 19 Oct 2022 9:52 pm
Operator : thomash
Sample : ic1125-5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 08:27:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:27:42 2022
Response via : Initial Calibration





TIC: 6W26453.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (+0.000) 5.81PPBV

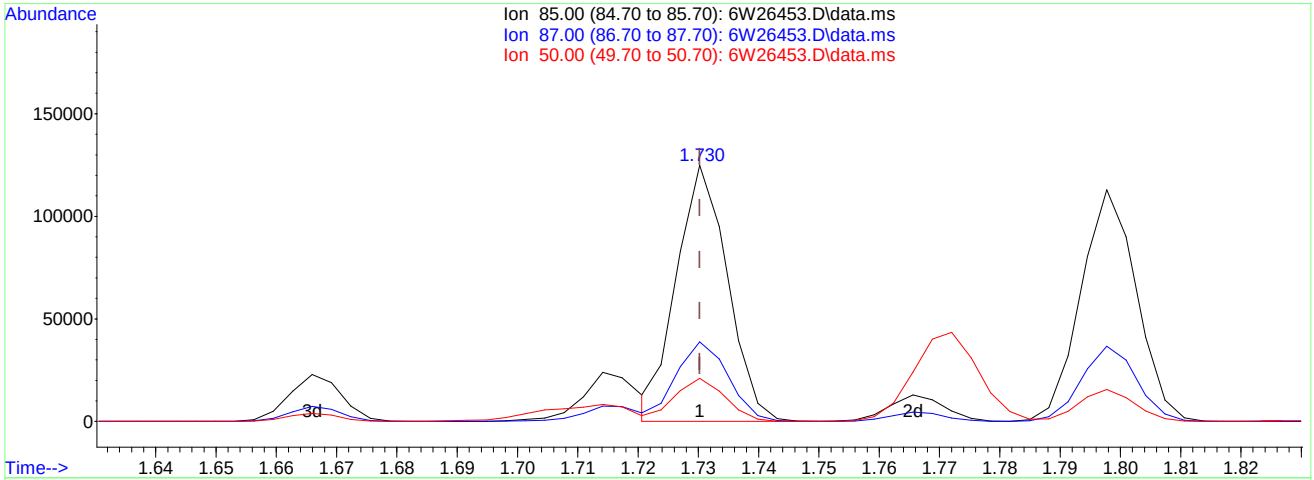
response 88251

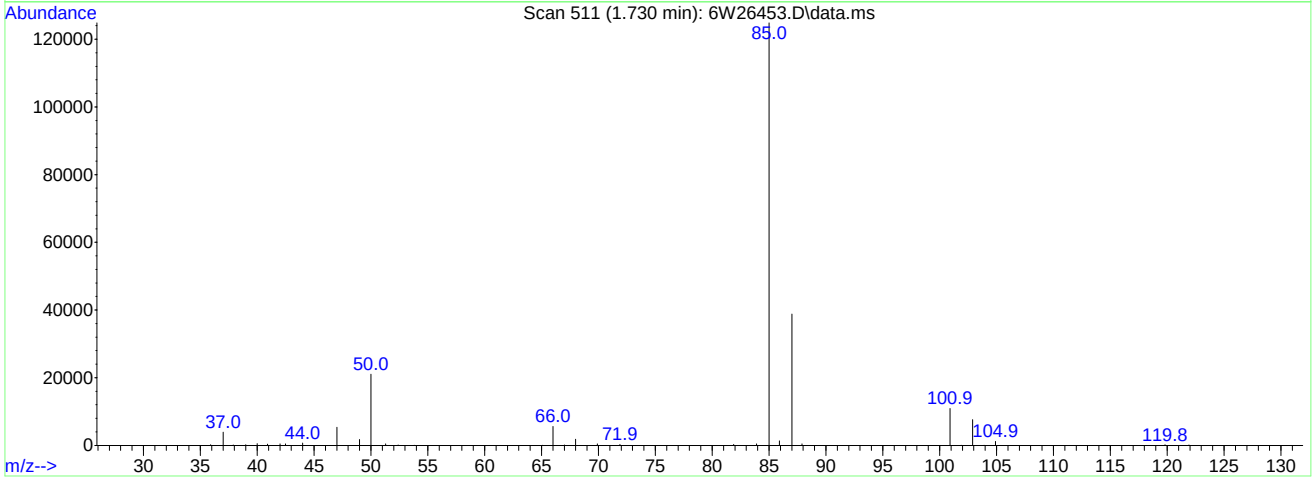
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	31.94
50.00	9.30	23.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26453.D
Acq On : 19 Oct 2022 9:52 pm
Operator : thomash
Sample : ic1125-5
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 08:27:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:27:42 2022
Response via : Initial Calibration





TIC: 6W26453.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (+0.000) 4.83PPBV m

response 73368

Ion	Exp%	Act%
85.00	100	100
87.00	32.20	38.42
50.00	9.30	28.36#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/20/22 12:15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26454.D
Acq On : 19 Oct 2022 10:25 pm
Operator : thomash
Sample : icc1125-10
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:46:44 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.338	128	50236	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	248131	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.588	117	216051	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.019	95	152864	10.00	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	40766	10.00	PPBV	#	76
4) CHLORODIFLUOROMETHANE	1.708	67	18586	10.00	PPBV		97
5) CHLOROTRIFLUOROETHENE	1.717	116	88306	10.00	PPBV	#	100
6) DICHLORODIFLUOROMETHANE	1.730	85	152018m	10.00	PPBV		
7) PROPYLENE	1.714	41	61296	10.00	PPBV		96
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	135235	10.00	PPBV	#	86
9) FREON 114	1.798	85	152030	10.00	PPBV		97
10) CHLOROMETHANE	1.772	52	20678	10.00	PPBV		93
11) VINYL CHLORIDE	1.830	62	63489	10.00	PPBV		96
12) 1,3-BUTADIENE	1.865	54	52245	10.00	PPBV	#	72
13) N-BUTANE	1.878	43	107971	10.00	PPBV	#	90
14) BROMOMETHANE	1.933	94	49482	10.00	PPBV		98
15) CHLOROETHANE	1.978	64	31300	10.00	PPBV		93
16) DICHLOROFLUOROMETHANE	2.004	67	129761	10.00	PPBV	#	95
17) ACETONITRILE	2.065	41	65598	10.00	PPBV		96
18) ACROLEIN	2.100	56	30940	10.00	PPBV		99
19) FREON 123	2.116	83	121214	10.00	PPBV		95
20) FREON 123A	2.132	117	74375	10.00	PPBV		86
21) TRICHLOROFLUOROMETHANE	2.190	101	148677	10.00	PPBV		100
22) ISOPROPYL ALCOHOL	2.206	45	141893	10.00	PPBV	#	95
23) ACETONE	2.139	58	31578	10.00	PPBV	#	21
24) PENTANE	2.299	42	77159	10.00	PPBV	#	93
25) IODOMETHANE	2.357	142	145923	10.00	PPBV	#	84
26) 1,1-DICHLOROETHYLENE	2.383	96	60120	10.00	PPBV	#	57
27) CARBON DISULFIDE	2.521	76	189741	10.00	PPBV	#	88
28) ETHANOL	2.007	45	31409	10.00	PPBV	#	95
29) BROMOETHENE	2.074	106	51820	10.00	PPBV	#	98
30) ACRYLONITRILE	2.270	52	50315	10.00	PPBV		95
31) METHYLENE CHLORIDE	2.422	84	57394	10.00	PPBV	#	53
32) 3-CHLOROPROPENE	2.463	76	30196	10.00	PPBV	#	1
33) FREON 113	2.521	151	109383	10.00	PPBV		91
34) TRANS-1,2-DICHLOROETHENE	2.769	96	67461	10.00	PPBV	#	80
35) TERTIARY BUTYL ALCOHOL	2.396	59	122603	10.00	PPBV	#	96
36) METHYL TERTIARY BUTYL ...	2.888	73	165919	10.00	PPBV	#	92
37) TETRAHYDROFURAN	3.653	72	30407	10.00	PPBV	#	39
38) HEXANE	3.396	57	128093	10.00	PPBV	#	77
39) VINYL ACETATE	2.933	86	15763	10.00	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.852	63	127587	10.00	PPBV		98
41) METHYL ETHYL KETONE	3.036	72	32369	10.00	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.254	96	69388	10.00	PPBV	#	80
43) DIISOPROPYL ETHER	3.396	59	37294	10.00	PPBV	#	48
44) ETHYL ACETATE	3.402	61	25284	10.00	PPBV	#	17
45) METHYL ACRYLATE	3.389	55	160871	10.00	PPBV	#	97
46) CHLOROFORM	3.421	83	144284	10.00	PPBV	#	93
47) 2,4-DIMETHYLPENTANE	3.958	57	149307	10.00	PPBV	#	93
48) 1,1,1-TRICHLOROETHANE	4.045	97	139532	10.00	PPBV	#	93
49) CARBON TETRACHLORIDE	4.505	117	155756	10.00	PPBV		99
50) 1,2-DICHLOROETHANE	3.868	62	108219	10.00	PPBV	#	94
51) BENZENE	4.383	78	206141	10.00	PPBV		79
53) CYCLOHEXANE	4.608	84	89028	10.00	PPBV	#	75
54) 2,3-DIMETHYLPENTANE	4.884	71	47700	10.00	PPBV	#	54
55) TRICHLOROETHENE	5.351	95	95859	10.00	PPBV		97
56) 1,2-DICHLOROPROPANE	5.100	63	87652	10.00	PPBV		97
57) DIBROMOMETHANE	5.058	174	87533	10.00	PPBV		92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26454.D
Acq On : 19 Oct 2022 10:25 pm
Operator : thomash
Sample : icc1125-10
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:46:44 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

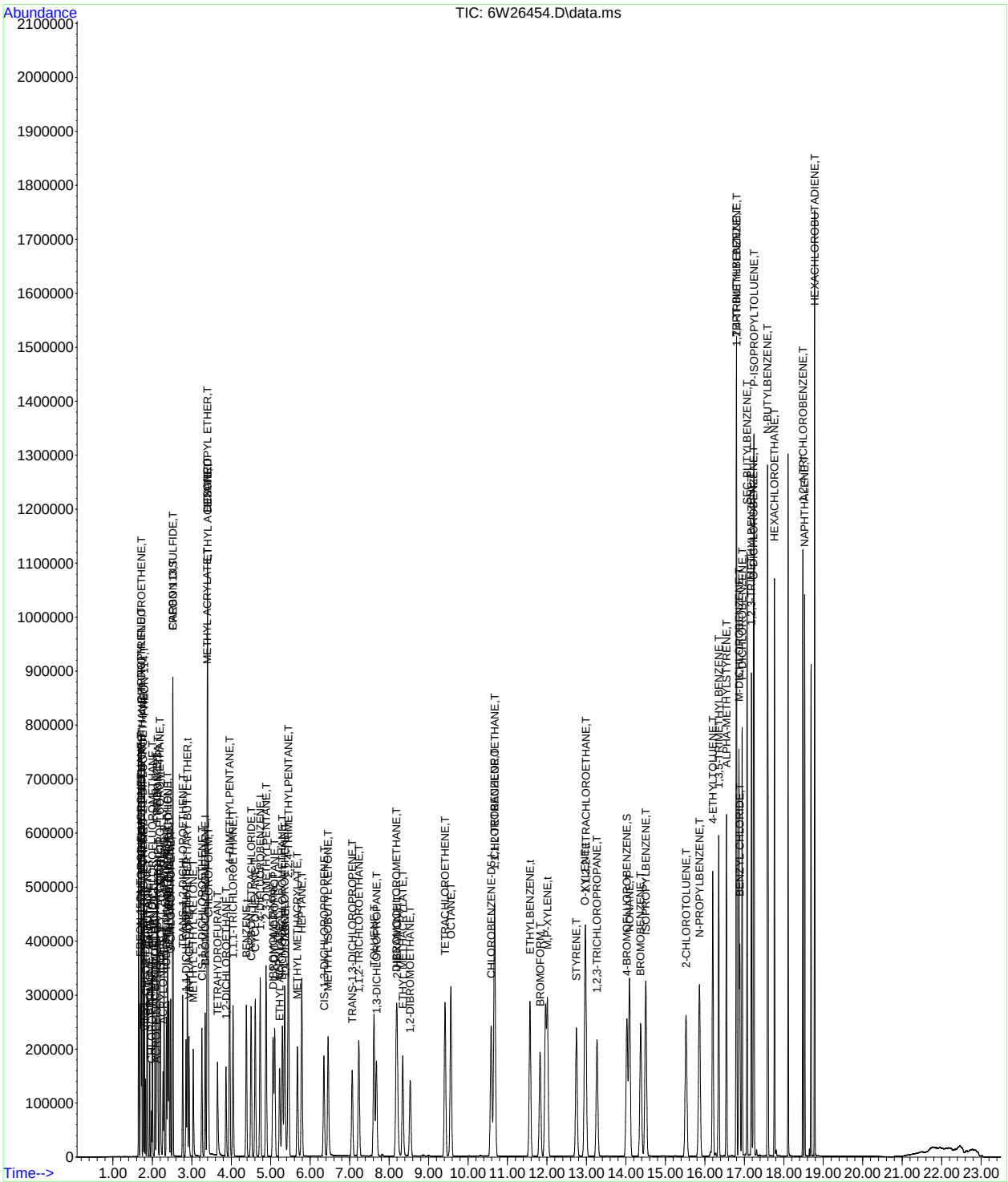
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) ETHYL ACRYLATE	5.225	55	189495	10.00	PPBV	#	96
59) BROMODICHLOROMETHANE	5.293	83	160365	10.00	PPBV		98
60) 2,2,4-TRIMETHYLPENTANE	5.447	57	408278	10.00	PPBV	#	98
61) 1,4-DIOXANE	5.364	88	42438	10.00	PPBV	#	79
62) HEPTANE	5.788	43	160426	10.00	PPBV	#	74
63) METHYL METHACRYLATE	5.675	69	78547	10.00	PPBV	#	51
64) METHYL ISOBUTYL KETONE	6.450	58	71179	10.00	PPBV	#	64
65) CIS-1,3-DICHLOROPROPENE	6.351	75	117430	10.00	PPBV	#	72
66) TOLUENE	7.617	91	251686	10.00	PPBV		100
67) 1,3-DICHLOROPROPANE	7.679	76	128382	10.00	PPBV	#	98
68) TRANS-1,3-DICHLOROPROPENE	7.064	75	104079	10.00	PPBV	#	75
69) 1,1,2-TRICHLOROETHANE	7.232	83	76257	10.00	PPBV		98
70) 2-HEXANONE	8.206	58	80744	10.00	PPBV	#	61
71) ETHYL METHACRYLATE	8.344	69	123552	10.00	PPBV	#	68
72) TETRACHLOROETHENE	9.415	164	96515	10.00	PPBV		92
73) DIBROMOCHLOROMETHANE	8.180	129	169421	10.00	PPBV		99
74) 1,2-DIBROMOETHANE	8.534	107	139318	10.00	PPBV		100
75) OCTANE	9.563	43	219399	10.00	PPBV	#	75
77) 1,1,1,2-TETRACHLOROETHANE	10.678	131	115919	10.00	PPBV		97
78) CHLOROBENZENE	10.669	112	209525	10.00	PPBV		100
79) ETHYLBENZENE	11.569	91	335086	10.00	PPBV		100
80) M,P-XYLENE	12.010	91	518412	20.00	PPBV	#	66
81) O-XYLENE	12.961	91	261863	10.00	PPBV		98
82) STYRENE	12.746	104	199893	10.00	PPBV		98
83) NONANE	14.090	43	234816	10.00	PPBV	#	75
84) BROMOFORM	11.826	173	151696	10.00	PPBV	#	97
85) 1,1,2,2-TETRACHLOROETHANE	12.981	83	198246	10.00	PPBV		98
86) 1,2,3-TRICHLOROPROPANE	13.267	75	153573	10.00	PPBV		99
88) ISOPROPYLBENZENE	14.501	105	388762	10.00	PPBV	#	94
89) BROMOBENZENE	14.373	77	187543	10.00	PPBV		97
90) 2-CHLOROTOLUENE	15.524	91	266209	10.00	PPBV		99
91) N-PROPYLBENZENE	15.861	91	458661	10.00	PPBV	#	97
92) 4-ETHYLTOLUENE	16.199	105	389486	10.00	PPBV		100
93) 1,3,5-TRIMETHYLBENZENE	16.350	105	317114	10.00	PPBV		99
94) ALPHA-METHYLSTYRENE	16.546	118	158288	10.00	PPBV		99
95) TERT-BUTYLBENZENE	16.797	119	357976	10.00	PPBV		98
96) 1,2,4-TRIMETHYLBENZENE	16.804	105	332506	10.00	PPBV		96
97) BENZYL CHLORIDE	16.887	91	185883	10.00	PPBV		98
98) M-DICHLOROBENZENE	16.865	146	218815	10.00	PPBV		99
99) P-DICHLOROBENZENE	16.945	146	218232	10.00	PPBV		99
100) O-DICHLOROBENZENE	17.231	146	209883	10.00	PPBV		99
101) SEC-BUTYLBENZENE	17.070	105	488617	10.00	PPBV		99
102) 1,2,3-TRIMETHYLBENZENE	17.180	105	323807	10.00	PPBV		99
103) P-ISOPROPYLTOLUENE	17.244	119	424958	10.00	PPBV		97
104) N-BUTYLBENZENE	17.585	91	389723	10.00	PPBV		98
105) HEXACHLOROETHANE	17.762	117	135061	10.00	PPBV	#	88
106) HEXACHLOROBUTADIENE	18.781	225	147086	10.00	PPBV		100
107) 1,2,4-TRICHLOROBENZENE	18.482	180	170601	10.00	PPBV		98
108) NAPHTHALENE	18.530	128	427473	10.00	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26454.D
Acq On : 19 Oct 2022 10:25 pm
Operator : thomash
Sample : icc1125-10
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:46:44 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



Manual Integration Approval Summary

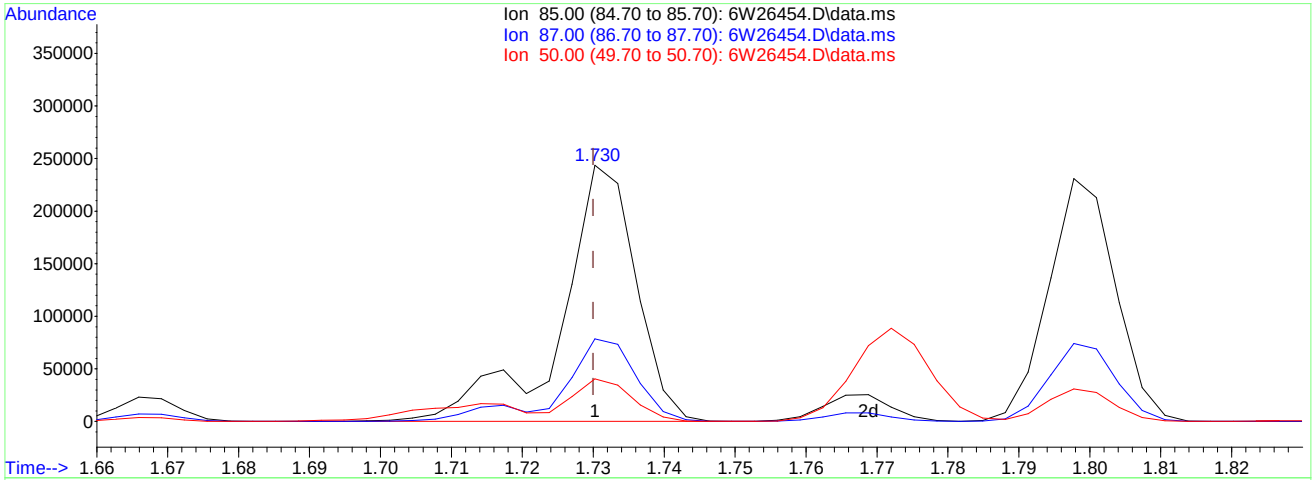
Sample Number: V6W1125-ICC1125 **Method:** TO-15
Lab FileID: 6W26454.D **Analyst approved:** 10/20/22 10:04 Thomas Hilbig
Injection Time: 10/19/22 22:25 **Supervisor approved:** 10/20/22 12:15 Kanya Veerawat

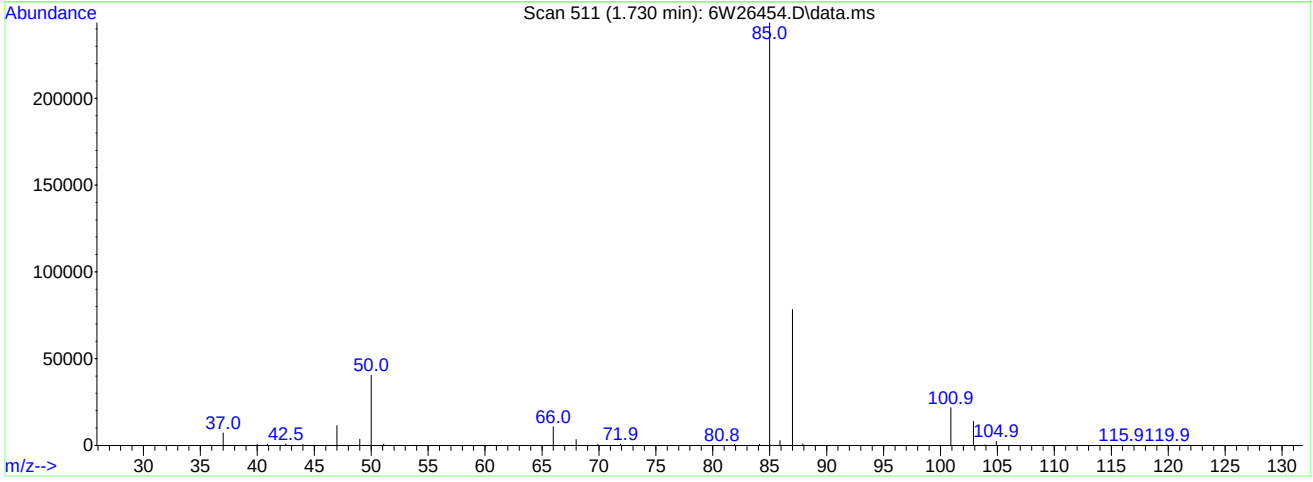
Parameter	CAS	Sig#	R.T. (min.)	Reason
Dichlorodifluoromethane	75-71-8		1.73	Overlapping peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26454.D
Acq On : 19 Oct 2022 10:25 pm
Operator : thomash
Sample : icc1125-10
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:32:14 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Wed Sep 21 12:48:04 2022
Response via : Initial Calibration





TIC: 6W26454.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (+0.000) 7.75PPBV

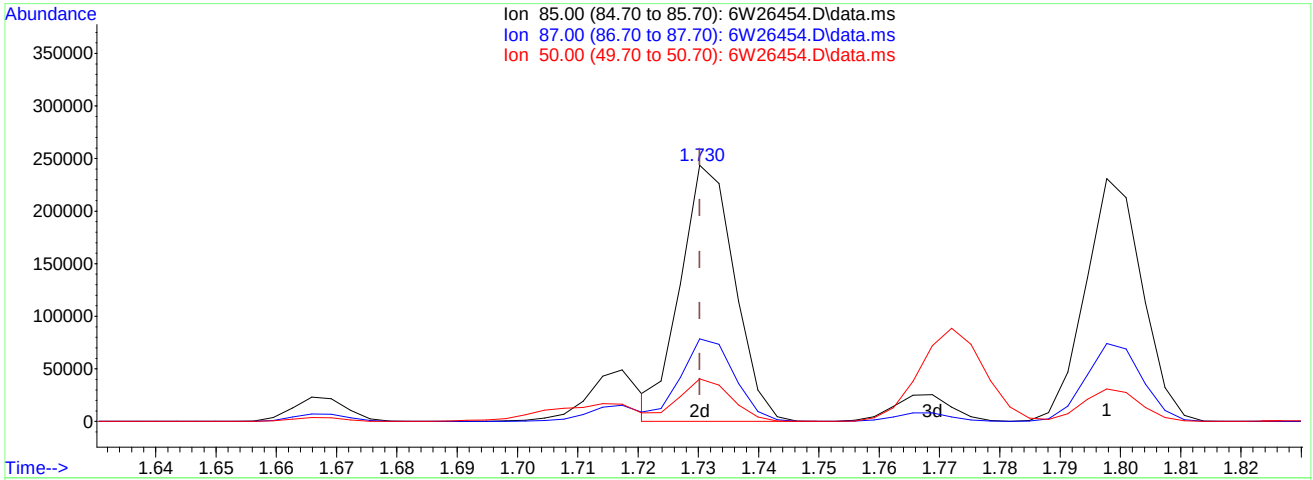
response 181010

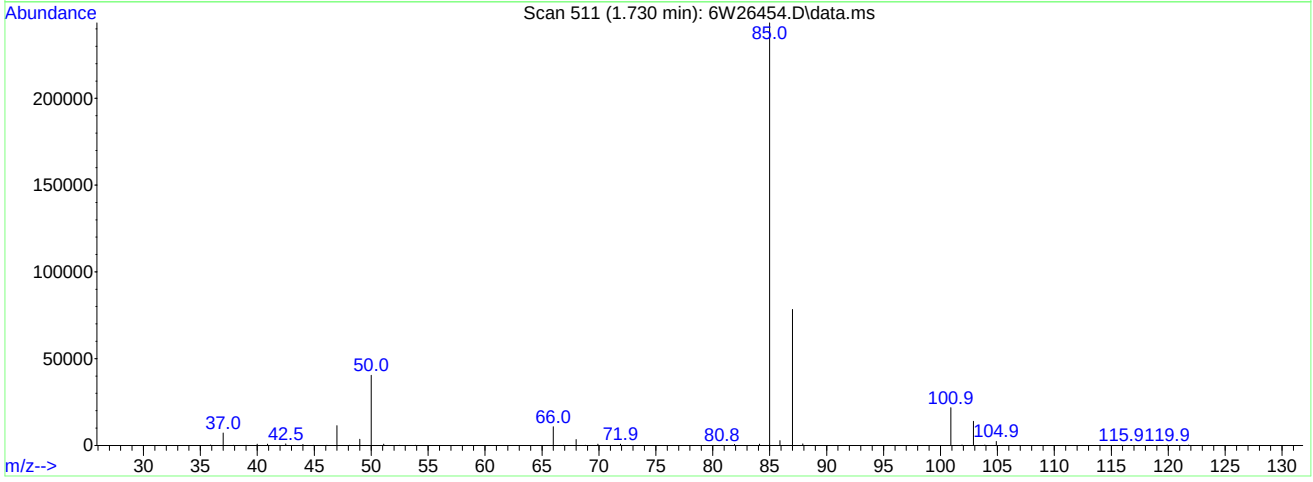
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	32.08
50.00	9.30	23.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26454.D
Acq On : 19 Oct 2022 10:25 pm
Operator : thomash
Sample : icc1125-10
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:46:44 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26454.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (0.000) 10.00PPBV m

response 152018

Ion	Exp%	Act%
85.00	100	100
87.00	32.20	30.24
50.00	9.30	8.09
0.00	0.00	0.00

6W26455.D

Manual Integrations APPROVED (compounds with "m" flag)

Kanya Veerawat 10/20/22 12:15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26455.D
Acq On : 19 Oct 2022 10:57 pm
Operator : thomash
Sample : ic1125-20
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:48:06 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.341	128	49377	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.737	114	249392	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.589	117	219656	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.026	95	157260	10.12	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	81708	20.39	PPBV	#	74
4) CHLORODIFLUOROMETHANE	1.708	67	37113	20.32	PPBV		98
5) CHLOROTRIFLUOROETHENE	1.717	116	179947	20.73	PPBV	#	100
6) DICHLORODIFLUOROMETHANE	1.734	85	300113m	20.08	PPBV		
7) PROPYLENE	1.714	41	123567	20.51	PPBV		97
8) 1-CHLORO-1,1-DIFLUOROE...	1.769	65	278726	20.97	PPBV	#	86
9) FREON 114	1.801	85	313198	20.96	PPBV		97
10) CHLOROMETHANE	1.772	52	41351	20.35	PPBV		92
11) VINYL CHLORIDE	1.830	62	130827	20.96	PPBV		97
12) 1,3-BUTADIENE	1.865	54	108336	21.10	PPBV	#	73
13) N-BUTANE	1.878	43	219713	20.70	PPBV	#	90
14) BROMOMETHANE	1.936	94	101473	20.86	PPBV		99
15) CHLOROETHANE	1.981	64	63936	20.78	PPBV		93
16) DICHLOROFLUOROMETHANE	2.004	67	267942	21.01	PPBV	#	95
17) ACETONITRILE	2.068	41	134828	20.91	PPBV		96
18) ACROLEIN	2.103	56	62598	20.58	PPBV		98
19) FREON 123	2.116	83	253873	21.31	PPBV		95
20) FREON 123A	2.132	117	153590	21.01	PPBV		84
21) TRICHLOROFLUOROMETHANE	2.190	101	307551	21.05	PPBV		100
22) ISOPROPYL ALCOHOL	2.206	45	293937	21.08	PPBV	#	96
23) ACETONE	2.139	58	65338	21.05	PPBV	#	23
24) PENTANE	2.299	42	156002	20.57	PPBV	#	93
25) IODOMETHANE	2.357	142	288300	20.10	PPBV	#	84
26) 1,1-DICHLOROETHYLENE	2.383	96	108698	18.39	PPBV	#	52
27) CARBON DISULFIDE	2.521	76	355957	19.09	PPBV	#	86
28) ETHANOL	2.007	45	65286	21.15	PPBV		96
29) BROMOETHENE	2.074	106	106499	20.91	PPBV	#	98
30) ACRYLONITRILE	2.274	52	101996	20.62	PPBV		95
31) METHYLENE CHLORIDE	2.422	84	99743	17.68	PPBV	#	45
32) 3-CHLOROPROPENE	2.463	76	54273	18.29	PPBV	#	1
33) FREON 113	2.521	151	197048	18.33	PPBV		88
34) TRANS-1,2-DICHLOROETHENE	2.772	96	128675	19.41	PPBV	#	78
35) TERTIARY BUTYL ALCOHOL	2.396	59	254046	21.08	PPBV	#	93
36) METHYL TERTIARY BUTYL ...	2.888	73	342029	20.97	PPBV	#	92
37) TETRAHYDROFURAN	3.653	72	64103	21.45	PPBV	#	43
38) HEXANE	3.396	57	260116	20.66	PPBV	#	77
39) VINYL ACETATE	2.930	86	34002	21.95	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.856	63	252325	20.12	PPBV		99
41) METHYL ETHYL KETONE	3.039	72	66263	20.83	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.258	96	140062	20.54	PPBV	#	80
43) DIISOPROPYL ETHER	3.399	59	76459	20.86	PPBV	#	47
44) ETHYL ACETATE	3.406	61	52127	20.98	PPBV	#	17
45) METHYL ACRYLATE	3.393	55	333930	21.12	PPBV	#	96
46) CHLOROFORM	3.425	83	292725	20.64	PPBV	#	93
47) 2,4-DIMETHYLPENTANE	3.959	57	305149	20.79	PPBV	#	94
48) 1,1,1-TRICHLOROETHANE	4.045	97	286273	20.87	PPBV	#	93
49) CARBON TETRACHLORIDE	4.505	117	317238	20.72	PPBV		99
50) 1,2-DICHLOROETHANE	3.869	62	217638	20.46	PPBV	#	95
51) BENZENE	4.383	78	419451	20.70	PPBV		80
53) CYCLOHEXANE	4.608	84	183360	20.49	PPBV	#	76
54) 2,3-DIMETHYLPENTANE	4.885	71	96958	20.22	PPBV	#	56
55) TRICHLOROETHENE	5.354	95	195262	20.27	PPBV		97
56) 1,2-DICHLOROPROPANE	5.103	63	178229	20.23	PPBV		97
57) DIBROMOMETHANE	5.061	174	178772	20.32	PPBV		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26455.D
Acq On : 19 Oct 2022 10:57 pm
Operator : thomash
Sample : ic1125-20
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:48:06 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

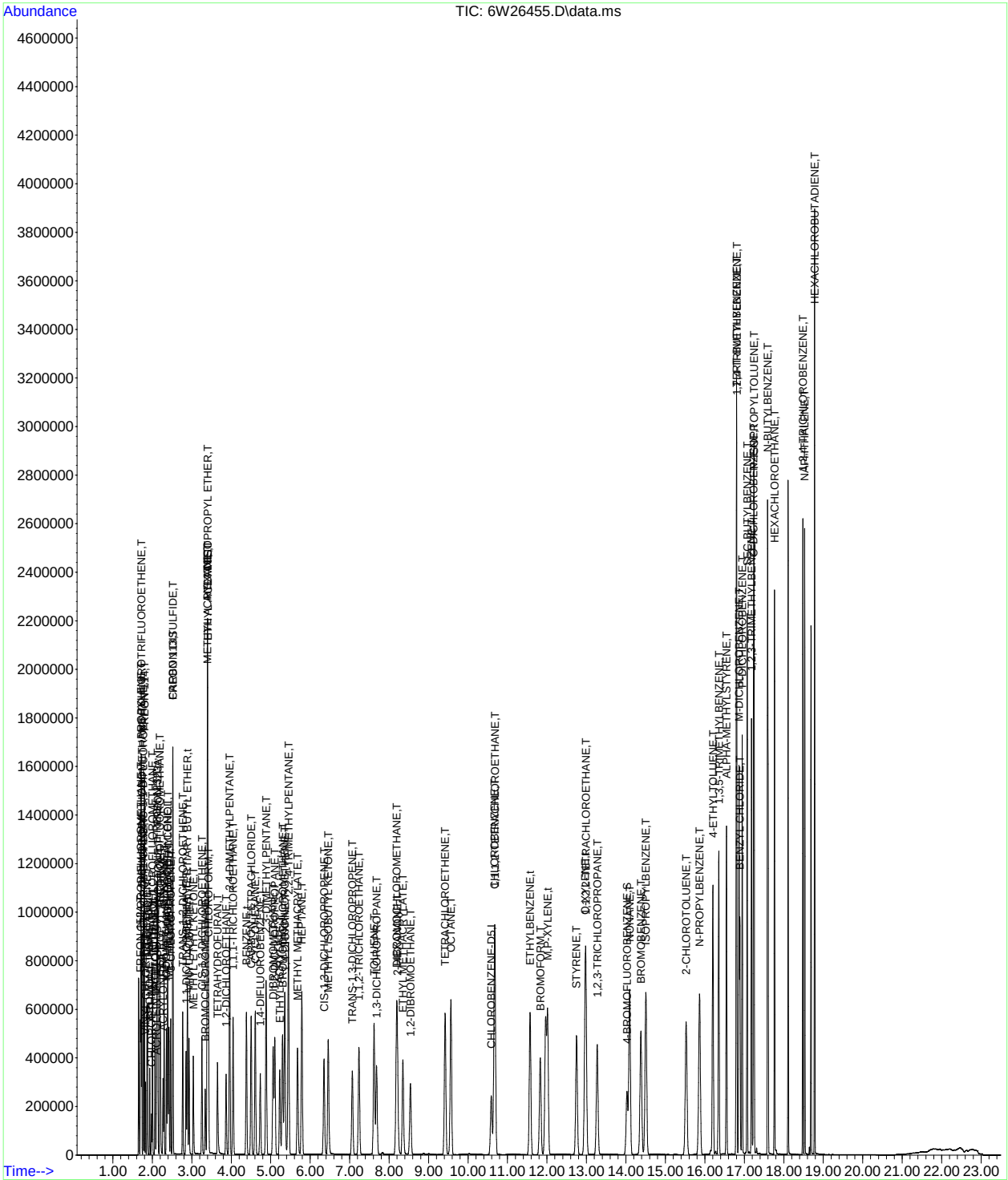
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	ETHYL ACRYLATE	5.229	55	400306	21.02	PPBV	#	97
59)	BROMODICHLOROMETHANE	5.299	83	324106	20.11	PPBV		98
60)	2,2,4-TRIMETHYLPENTANE	5.450	57	833535	20.31	PPBV	#	99
61)	1,4-DIOXANE	5.364	88	90098	21.12	PPBV	#	78
62)	HEPTANE	5.788	43	329247	20.42	PPBV	#	74
63)	METHYL METHACRYLATE	5.679	69	164347	20.82	PPBV	#	50
64)	METHYL ISOBUTYL KETONE	6.457	58	151905	21.23	PPBV	#	64
65)	CIS-1,3-DICHLOROPROPENE	6.351	75	245846	20.83	PPBV	#	73
66)	TOLUENE	7.621	91	517544	20.46	PPBV		100
67)	1,3-DICHLOROPROPANE	7.682	76	266301	20.64	PPBV	#	98
68)	TRANS-1,3-DICHLOROPROPENE	7.068	75	225877	21.59	PPBV	#	76
69)	1,1,2-TRICHLOROETHANE	7.235	83	155471	20.28	PPBV		98
70)	2-HEXANONE	8.209	58	185953	22.91	PPBV	#	62
71)	ETHYL METHACRYLATE	8.347	69	263702	21.24	PPBV	#	68
72)	TETRACHLOROETHENE	9.418	164	197298	20.34	PPBV		92
73)	DIBROMOCHLOROMETHANE	8.187	129	350108	20.56	PPBV		99
74)	1,2-DIBROMOETHANE	8.540	107	289296	20.66	PPBV		99
75)	OCTANE	9.563	43	458487	20.79	PPBV	#	75
77)	1,1,1,2-TETRACHLOROETHANE	10.682	131	238370	20.23	PPBV		97
78)	CHLOROBENZENE	10.669	112	433066	20.33	PPBV		99
79)	ETHYLBENZENE	11.572	91	699055	20.52	PPBV		100
80)	M,P-XYLENE	12.013	91	1079066	40.95	PPBV	#	67
81)	O-XYLENE	12.968	91	544844	20.46	PPBV		99
82)	STYRENE	12.746	104	421198	20.73	PPBV		98
83)	NONANE	14.093	43	482472	20.21	PPBV	#	74
84)	BROMOFORM	11.830	173	319790	20.73	PPBV	#	97
85)	1,1,2,2-TETRACHLOROETHANE	12.987	83	406520	20.17	PPBV		98
86)	1,2,3-TRICHLOROPROPANE	13.273	75	318990	20.43	PPBV		99
88)	ISOPROPYLBENZENE	14.505	105	810979	20.52	PPBV	#	93
89)	BROMOBENZENE	14.379	77	392588	20.59	PPBV		96
90)	2-CHLOROTOLUENE	15.524	91	560685	20.72	PPBV		99
91)	N-PROPYLBENZENE	15.865	91	962567	20.64	PPBV	#	97
92)	4-ETHYLTOLUENE	16.206	105	818293	20.66	PPBV		100
93)	1,3,5-TRIMETHYLBENZENE	16.354	105	675844	20.96	PPBV		99
94)	ALPHA-METHYLSTYRENE	16.546	118	339449	21.09	PPBV		99
95)	TERT-BUTYLBENZENE	16.800	119	759425	20.87	PPBV		98
96)	1,2,4-TRIMETHYLBENZENE	16.807	105	703276	20.80	PPBV		96
97)	BENZYL CHLORIDE	16.887	91	451364	23.88	PPBV		98
98)	M-DICHLOROBENZENE	16.868	146	464681	20.89	PPBV		99
99)	P-DICHLOROBENZENE	16.945	146	464922	20.95	PPBV		99
100)	O-DICHLOROBENZENE	17.235	146	450179	21.10	PPBV		99
101)	SEC-BUTYLBENZENE	17.074	105	1034528	20.83	PPBV		99
102)	1,2,3-TRIMETHYLBENZENE	17.183	105	688211	20.90	PPBV		99
103)	P-ISOPROPYLTOLUENE	17.247	119	899797	20.83	PPBV		97
104)	N-BUTYLBENZENE	17.588	91	845271	21.33	PPBV		98
105)	HEXACHLOROETHANE	17.765	117	298884	21.77	PPBV	#	89
106)	HEXACHLOROBUTADIENE	18.781	225	325753	21.78	PPBV		99
107)	1,2,4-TRICHLOROBENZENE	18.482	180	396784	22.88	PPBV		98
108)	NAPHTHALENE	18.530	128	1024136	23.56	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26455.D
Acq On : 19 Oct 2022 10:57 pm
Operator : thomash
Sample : ic1125-20
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:48:06 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



Manual Integration Approval Summary

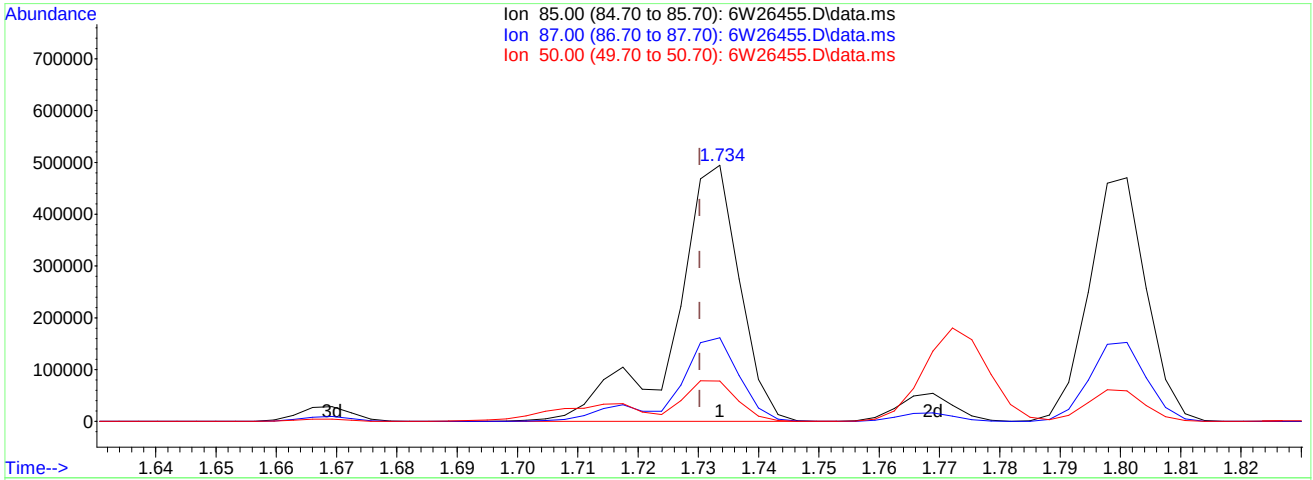
Sample Number: V6W1125-IC1125
Lab FileID: 6W26455.D
Injection Time: 10/19/22 22:57
Method: TO-15
Analyst approved: 10/20/22 10:04 Thomas Hilbig
Supervisor approved: 10/20/22 12:15 Kanya Veerawat

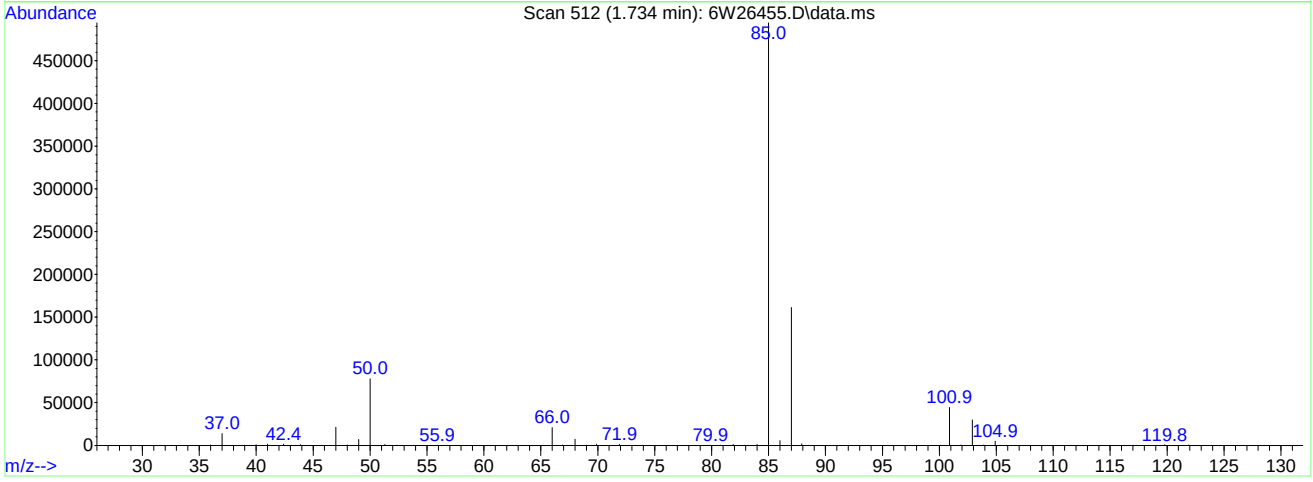
Parameter	CAS	Sig#	R.T. (min.)	Reason
Dichlorodifluoromethane	75-71-8		1.73	Overlapping peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26455.D
Acq On : 19 Oct 2022 10:57 pm
Operator : thomash
Sample : ic1125-20
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:47:41 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26455.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.734min (+0.003) 24.73PPBV

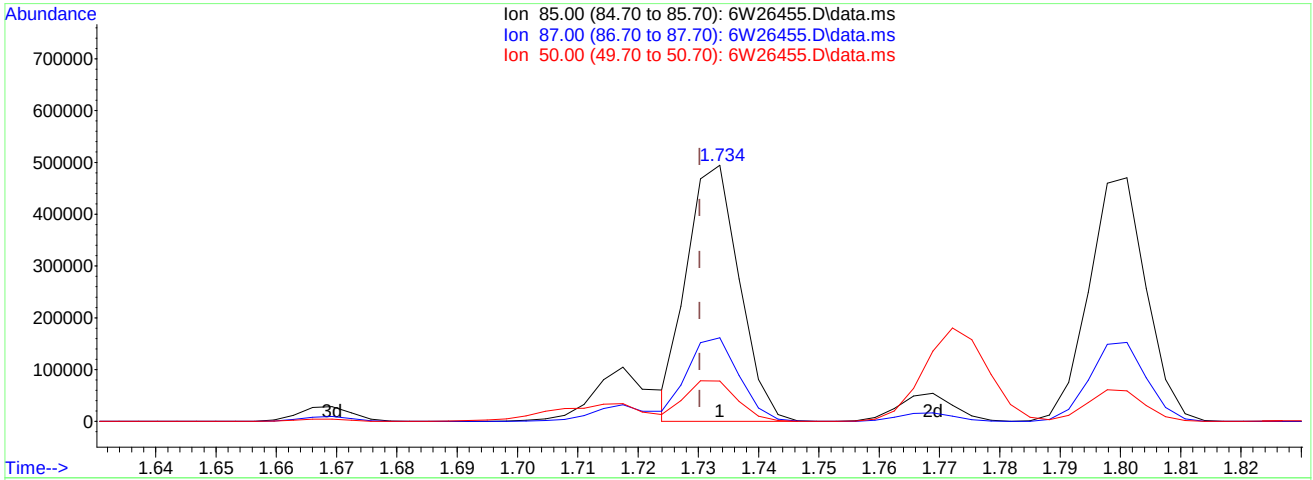
response 369647

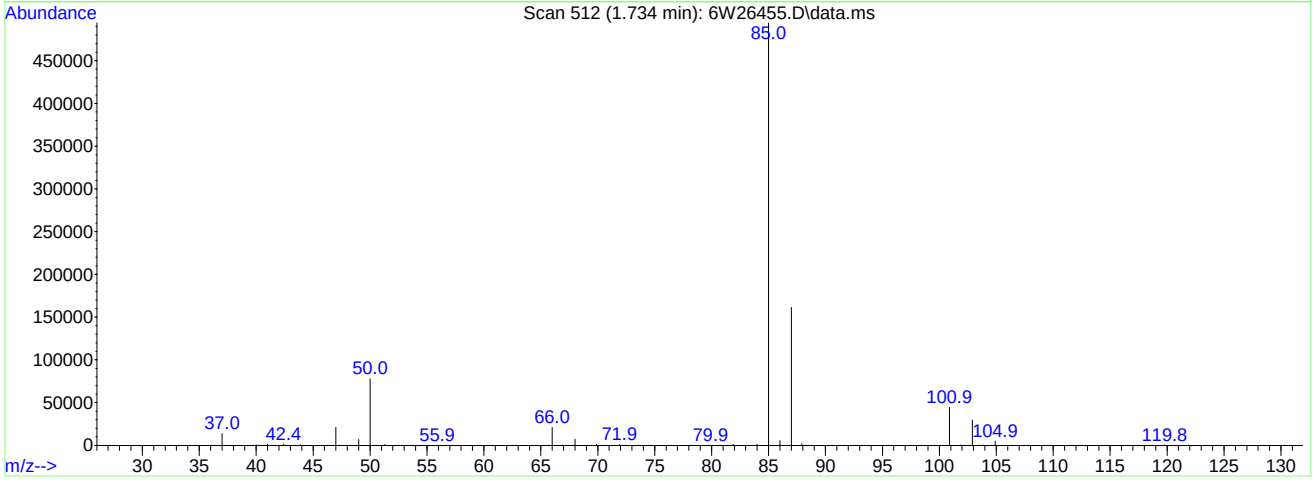
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	32.23
50.00	9.30	22.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26455.D
Acq On : 19 Oct 2022 10:57 pm
Operator : thomash
Sample : ic1125-20
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:47:41 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26455.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.734min (+0.003) 20.08PPBV m

response 300113

Ion	Exp%	Act%
85.00	100	100
87.00	32.20	39.70#
50.00	9.30	28.15#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/20/22 12:15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26456.D
Acq On : 19 Oct 2022 11:29 pm
Operator : thomash
Sample : ic1125-40
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:49:51 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.341	128	46967	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.737	114	253136	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.589	117	227517	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.029	95	161635	10.04	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	163961	43.02	PPBV	#	76
4) CHLORODIFLUOROMETHANE	1.705	67	75194	43.27	PPBV		97
5) CHLOROTRIFLUOROETHENE	1.714	116	367249	44.48	PPBV	#	100
6) DICHLORODIFLUOROMETHANE	1.730	85	618919m	43.53	PPBV		
7) PROPYLENE	1.714	41	250115	43.64	PPBV		97
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	571824	45.23	PPBV	#	86
9) FREON 114	1.798	85	663817	46.70	PPBV		97
10) CHLOROMETHANE	1.772	52	85767	44.36	PPBV		92
11) VINYL CHLORIDE	1.827	62	262363	44.20	PPBV		97
12) 1,3-BUTADIENE	1.862	54	222248	45.50	PPBV	#	72
13) N-BUTANE	1.878	43	450101	44.59	PPBV	#	90
14) BROMOMETHANE	1.933	94	211773	45.78	PPBV		99
15) CHLOROETHANE	1.978	64	130163	44.48	PPBV		93
16) DICHLOROFLUOROMETHANE	2.000	67	559369	46.11	PPBV	#	95
17) ACETONITRILE	2.065	41	276741	45.12	PPBV		97
18) ACROLEIN	2.100	56	131385	45.42	PPBV		100
19) FREON 123	2.116	83	534859	47.20	PPBV		96
20) FREON 123A	2.129	117	324907	46.73	PPBV		85
21) TRICHLOROFLUOROMETHANE	2.190	101	640519	46.08	PPBV		100
22) ISOPROPYL ALCOHOL	2.203	45	633268	47.74	PPBV	#	97
23) ACETONE	2.136	58	137114	46.44	PPBV	#	25
24) PENTANE	2.296	42	343004	47.55	PPBV	#	94
25) IODOMETHANE	2.354	142	657283	48.18	PPBV	#	85
26) 1,1-DICHLOROETHYLENE	2.383	96	245216	43.63	PPBV	#	53
27) CARBON DISULFIDE	2.518	76	782562	44.11	PPBV	#	88
28) ETHANOL	2.004	45	135376	46.10	PPBV		97
29) BROMOETHENE	2.071	106	222371	45.90	PPBV	#	97
30) ACRYLONITRILE	2.271	52	222964	47.40	PPBV		95
31) METHYLENE CHLORIDE	2.418	84	225128	41.96	PPBV	#	49
32) 3-CHLOROPROPENE	2.460	76	122652	43.45	PPBV	#	1
33) FREON 113	2.518	151	437104	42.74	PPBV		90
34) TRANS-1,2-DICHLOROETHENE	2.769	96	265721	42.13	PPBV	#	77
35) TERTIARY BUTYL ALCOHOL	2.393	59	592362	51.68	PPBV	#	90
36) METHYL TERTIARY BUTYL ...	2.888	73	701685	45.23	PPBV	#	91
37) TETRAHYDROFURAN	3.650	72	132108	46.47	PPBV	#	45
38) HEXANE	3.393	57	521004	43.50	PPBV	#	76
39) VINYL ACETATE	2.930	86	70686	47.96	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.853	63	513148	43.02	PPBV		98
41) METHYL ETHYL KETONE	3.036	72	134598	44.48	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.254	96	270232	41.66	PPBV	#	77
43) DIISOPROPYL ETHER	3.402	59	153829	44.12	PPBV	#	46
44) ETHYL ACETATE	3.409	61	105294	44.54	PPBV	#	16
45) METHYL ACRYLATE	3.393	55	676447	44.98	PPBV	#	97
46) CHLOROFORM	3.425	83	567828	42.09	PPBV	#	93
47) 2,4-DIMETHYLPENTANE	3.955	57	623824	44.69	PPBV	#	94
48) 1,1,1-TRICHLOROETHANE	4.045	97	587783	45.06	PPBV	#	94
49) CARBON TETRACHLORIDE	4.502	117	655252	45.00	PPBV		99
50) 1,2-DICHLOROETHANE	3.869	62	442918	43.78	PPBV	#	94
51) BENZENE	4.383	78	859631	44.60	PPBV		80
53) CYCLOHEXANE	4.605	84	376495	41.45	PPBV	#	75
54) 2,3-DIMETHYLPENTANE	4.881	71	200257	41.15	PPBV	#	57
55) TRICHLOROETHENE	5.357	95	400192	40.92	PPBV		96
56) 1,2-DICHLOROPROPANE	5.103	63	363456	40.65	PPBV		97
57) DIBROMOMETHANE	5.061	174	367548	41.16	PPBV		92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26456.D
Acq On : 19 Oct 2022 11:29 pm
Operator : thomash
Sample : ic1125-40
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:49:51 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

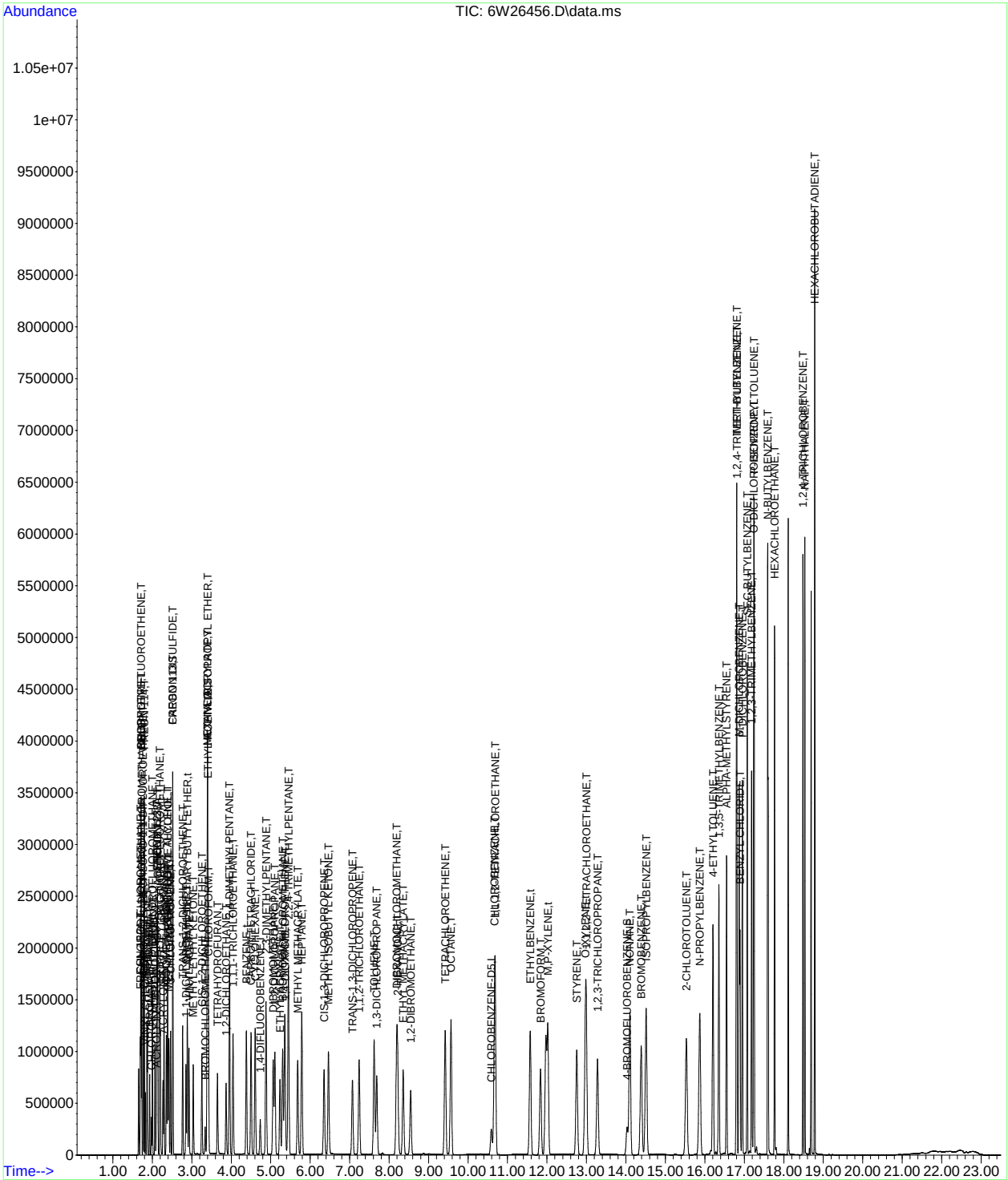
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) ETHYL ACRYLATE	5.235	55	849451	43.94	PPBV	#	97
59) BROMODICHLOROMETHANE	5.303	83	668008	40.83	PPBV		99
60) 2,2,4-TRIMETHYLPENTANE	5.450	57	1705560	40.95	PPBV	#	98
61) 1,4-DIOXANE	5.367	88	188728	43.59	PPBV	#	77
62) HEPTANE	5.788	43	674381	41.21	PPBV	#	75
63) METHYL METHACRYLATE	5.682	69	346293	43.22	PPBV	#	51
64) METHYL ISOBUTYL KETONE	6.463	58	315845	43.50	PPBV	#	65
65) CIS-1,3-DICHLOROPROPENE	6.351	75	519377	43.35	PPBV	#	73
66) TOLUENE	7.621	91	1077600	41.97	PPBV		100
67) 1,3-DICHLOROPROPANE	7.688	76	550084	42.00	PPBV	#	98
68) TRANS-1,3-DICHLOROPROPENE	7.071	75	479918	45.20	PPBV	#	76
69) 1,1,2-TRICHLOROETHANE	7.241	83	318639	40.96	PPBV		98
70) 2-HEXANONE	8.216	58	398485	48.38	PPBV	#	64
71) ETHYL METHACRYLATE	8.357	69	553422	43.91	PPBV	#	67
72) TETRACHLOROETHENE	9.421	164	410286	41.67	PPBV		92
73) DIBROMOCHLOROMETHANE	8.190	129	733897	42.46	PPBV		99
74) 1,2-DIBROMOETHANE	8.547	107	600655	42.26	PPBV		99
75) OCTANE	9.566	43	941590	42.07	PPBV	#	75
77) 1,1,1,2-TETRACHLOROETHANE	10.688	131	498844	40.87	PPBV		98
78) CHLOROBENZENE	10.672	112	897241	40.66	PPBV		99
79) ETHYLBENZENE	11.576	91	1454202	41.21	PPBV		100
80) M,P-XYLENE	12.019	91	2235018	81.88	PPBV	#	67
81) O-XYLENE	12.971	91	1128138	40.91	PPBV		99
82) STYRENE	12.756	104	879675	41.79	PPBV		98
83) NONANE	14.100	43	989572	40.02	PPBV	#	74
84) BROMOFORM	11.839	173	669992	41.94	PPBV	#	97
85) 1,1,2,2-TETRACHLOROETHANE	12.997	83	842134	40.34	PPBV		98
86) 1,2,3-TRICHLOROPROPANE	13.280	75	658833	40.74	PPBV		99
88) ISOPROPYLBENZENE	14.511	105	1682867	41.11	PPBV	#	93
89) BROMOBENZENE	14.386	77	812725	41.15	PPBV		97
90) 2-CHLOROTOLUENE	15.530	91	1171885	41.80	PPBV		98
91) N-PROPYLBENZENE	15.871	91	2011221	41.64	PPBV	#	97
92) 4-ETHYLTOLUENE	16.206	105	1721193	41.96	PPBV		99
93) 1,3,5-TRIMETHYLBENZENE	16.357	105	1431579	42.87	PPBV		99
94) ALPHA-METHYLSTYRENE	16.550	118	719858	43.19	PPBV		99
95) TERT-BUTYLBENZENE	16.807	119	1606964	42.63	PPBV		98
96) 1,2,4-TRIMETHYLBENZENE	16.810	105	1495113	42.70	PPBV		96
97) BENZYL CHLORIDE	16.894	91	1052168	53.75	PPBV		98
98) M-DICHLOROBENZENE	16.871	146	982044	42.62	PPBV		99
99) P-DICHLOROBENZENE	16.952	146	997166	43.39	PPBV		99
100) O-DICHLOROBENZENE	17.238	146	962371	43.54	PPBV		99
101) SEC-BUTYLBENZENE	17.074	105	2164365	42.06	PPBV		99
102) 1,2,3-TRIMETHYLBENZENE	17.183	105	1452418	42.59	PPBV		100
103) P-ISOPROPYLTOLUENE	17.247	119	1915158	42.80	PPBV		97
104) N-BUTYLBENZENE	17.588	91	1807256	44.04	PPBV		98
105) HEXACHLOROETHANE	17.765	117	650411	45.74	PPBV	#	89
106) HEXACHLOROBUTADIENE	18.784	225	757147	48.88	PPBV		99
107) 1,2,4-TRICHLOROBENZENE	18.485	180	922193	51.33	PPBV		97
108) NAPHTHALENE	18.534	128	2419856	53.76	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26456.D
Acq On : 19 Oct 2022 11:29 pm
Operator : thomash
Sample : ic1125-40
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:49:51 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: V6W1125-IC1125
Lab FileID: 6W26456.D
Injection Time: 10/19/22 23:29

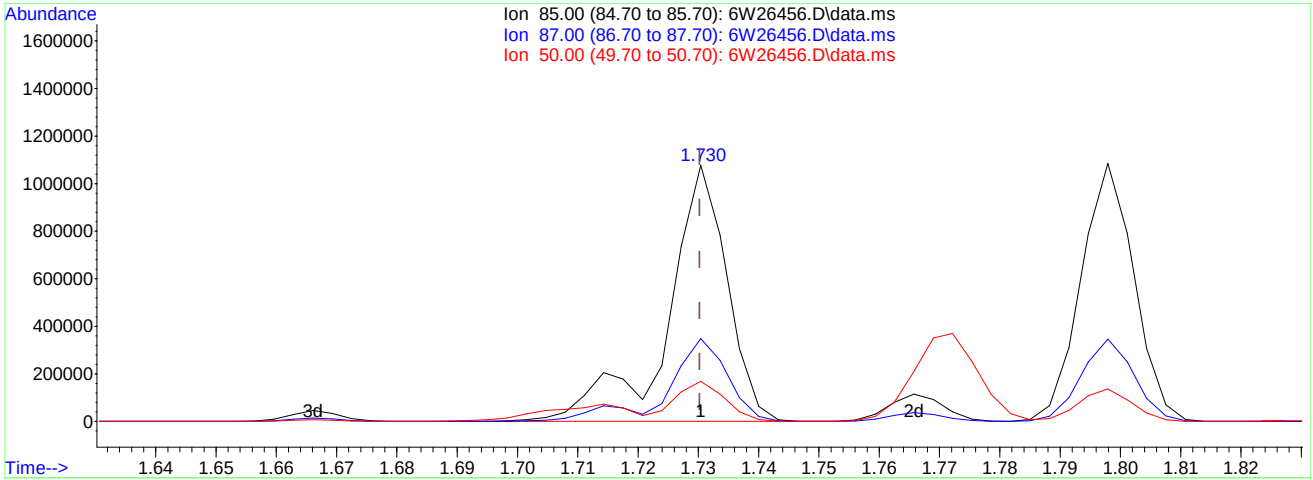
Method: TO-15
Analyst approved: 10/20/22 10:04 Thomas Hilbig
Supervisor approved: 10/20/22 12:15 Kanya Veerawat

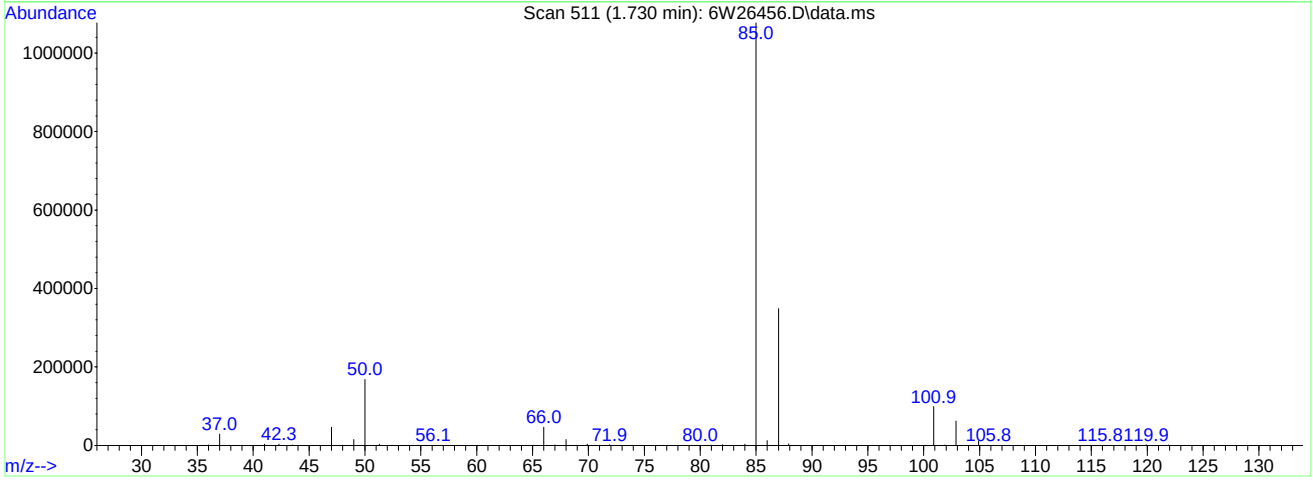
Parameter	CAS	Sig#	R.T. (min.)	Reason
Dichlorodifluoromethane	75-71-8		1.73	Overlapping peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26456.D
Acq On : 19 Oct 2022 11:29 pm
Operator : thomash
Sample : ic1125-40
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:49:29 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26456.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (+0.000) 52.36PPBV

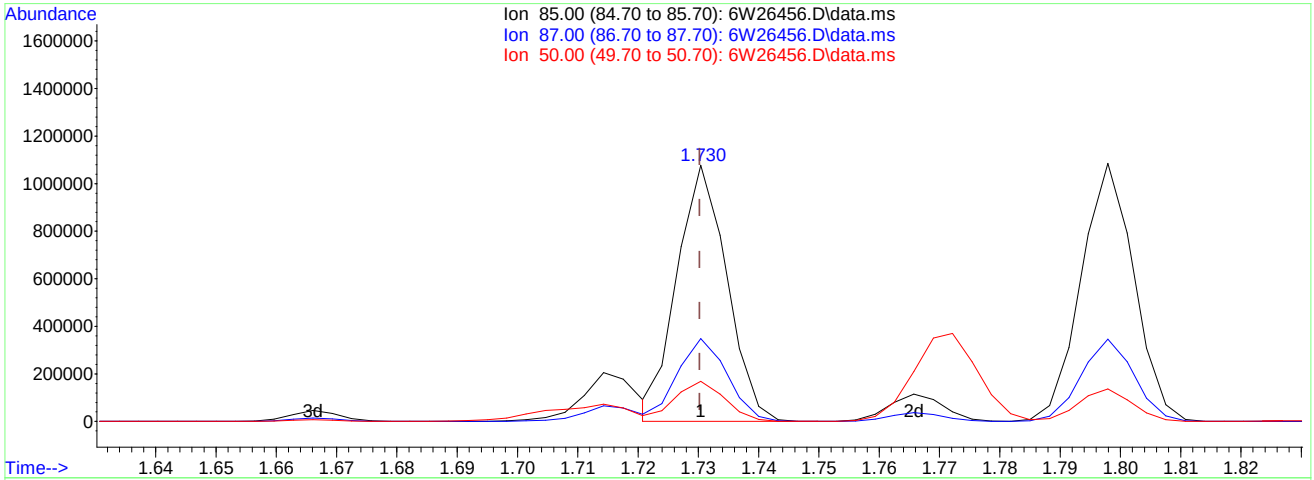
response 744497

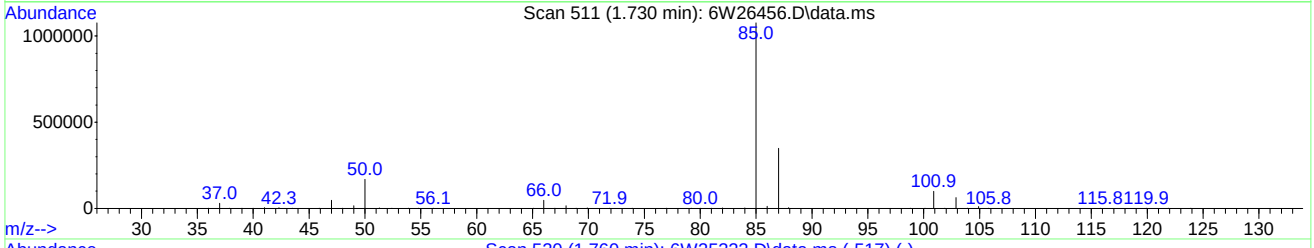
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	32.34
50.00	9.30	22.51#
0.00	0.00	0.00

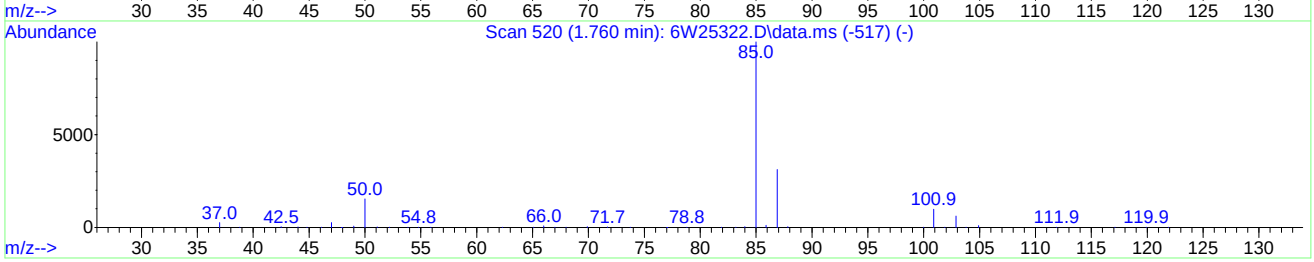
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26456.D
Acq On : 19 Oct 2022 11:29 pm
Operator : thomash
Sample : ic1125-40
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:49:29 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26456.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (+0.000) 43.53PPBV m

response 618919

Ion	Exp%	Act%
85.00	100	100
87.00	32.20	38.90#
50.00	9.30	27.07#
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/20/22 12:15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26457.D
Acq On : 20 Oct 2022 12:03 am
Operator : thomash
Sample : ic1125-50
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:53:45 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.341	128	49484	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.737	114	256894	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.588	117	229830	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.032	95	164056	10.09	PPBV		0.01
Target Compounds							Qvalue
3) FREON 152A	1.695	65	205752	51.24	PPBV	#	76
4) CHLORODIFLUOROMETHANE	1.705	67	95178	51.99	PPBV		98
5) CHLOROTRIFLUOROETHENE	1.714	116	465990	53.57	PPBV	#	100
6) DICHLORODIFLUOROMETHANE	1.730	85	760993m	50.80	PPBV		
7) PROPYLENE	1.714	41	310615	51.44	PPBV		97
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	744693	55.90	PPBV	#	86
9) FREON 114	1.798	85	863921	57.69	PPBV		98
10) CHLOROMETHANE	1.772	52	110393	54.20	PPBV		92
11) VINYL CHLORIDE	1.827	62	335776	53.69	PPBV		98
12) 1,3-BUTADIENE	1.862	54	289612	56.28	PPBV	#	74
13) N-BUTANE	1.878	43	575553	54.12	PPBV	#	91
14) BROMOMETHANE	1.933	94	271714	55.75	PPBV		100
15) CHLOROETHANE	1.978	64	167979	54.48	PPBV		94
16) DICHLOROFLUOROMETHANE	2.000	67	726431	56.83	PPBV	#	95
17) ACETONITRILE	2.065	41	351071	54.33	PPBV		97
18) ACROLEIN	2.100	56	167398	54.93	PPBV		98
19) FREON 123	2.113	83	697138	58.39	PPBV		95
20) FREON 123A	2.129	117	423251	57.77	PPBV		85
21) TRICHLOROFLUOROMETHANE	2.190	101	828916	56.60	PPBV		100
22) ISOPROPYL ALCOHOL	2.203	45	815195	58.32	PPBV	#	99
23) ACETONE	2.135	58	176460	56.73	PPBV	#	26
24) PENTANE	2.296	42	408771	53.78	PPBV	#	94
25) IODOMETHANE	2.354	142	787579	54.79	PPBV	#	83
26) 1,1-DICHLOROETHYLENE	2.383	96	299957	50.65	PPBV	#	53
27) CARBON DISULFIDE	2.518	76	989379	52.94	PPBV	#	88
28) ETHANOL	2.004	45	173809	56.18	PPBV	#	97
29) BROMOETHENE	2.071	106	286147	56.06	PPBV	#	98
30) ACRYLONITRILE	2.270	52	270180	54.51	PPBV		95
31) METHYLENE CHLORIDE	2.418	84	265469	46.96	PPBV	#	47
32) 3-CHLOROPROPENE	2.463	76	146926	49.40	PPBV	#	1
33) FREON 113	2.518	151	546341	50.71	PPBV		88
34) TRANS-1,2-DICHLOROETHENE	2.769	96	344381	51.82	PPBV	#	78
35) TERTIARY BUTYL ALCOHOL	2.393	59	737234	61.05	PPBV	#	89
36) METHYL TERTIARY BUTYL ...	2.888	73	925978	56.66	PPBV	#	91
37) TETRAHYDROFURAN	3.650	72	166673	55.65	PPBV	#	39
38) HEXANE	3.393	57	678018	53.74	PPBV	#	77
39) VINYL ACETATE	2.930	86	92754	59.74	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.852	63	664396	52.87	PPBV		98
41) METHYL ETHYL KETONE	3.036	72	172738	54.18	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.254	96	353037	51.65	PPBV	#	78
43) DIISOPROPYL ETHER	3.402	59	200034	54.45	PPBV	#	51
44) ETHYL ACETATE	3.409	61	136714	54.89	PPBV	#	22
45) METHYL ACRYLATE	3.393	55	875745	55.26	PPBV	#	97
46) CHLOROFORM	3.425	83	738319	51.95	PPBV	#	93
47) 2,4-DIMETHYLPENTANE	3.955	57	767338	52.17	PPBV	#	93
48) 1,1,1-TRICHLOROETHANE	4.045	97	750699	54.62	PPBV	#	94
49) CARBON TETRACHLORIDE	4.502	117	837332	54.58	PPBV		99
50) 1,2-DICHLOROETHANE	3.868	62	563096	52.82	PPBV	#	94
51) BENZENE	4.383	78	1103884	54.36	PPBV		80
53) CYCLOHEXANE	4.605	84	480631	52.14	PPBV	#	75
54) 2,3-DIMETHYLPENTANE	4.881	71	257103	52.06	PPBV	#	57
55) TRICHLOROETHENE	5.354	95	514119	51.80	PPBV		97
56) 1,2-DICHLOROPROPANE	5.106	63	468131	51.59	PPBV		97
57) DIBROMOMETHANE	5.061	174	472796	52.17	PPBV		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26457.D
Acq On : 20 Oct 2022 12:03 am
Operator : thomash
Sample : ic1125-50
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:53:45 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration

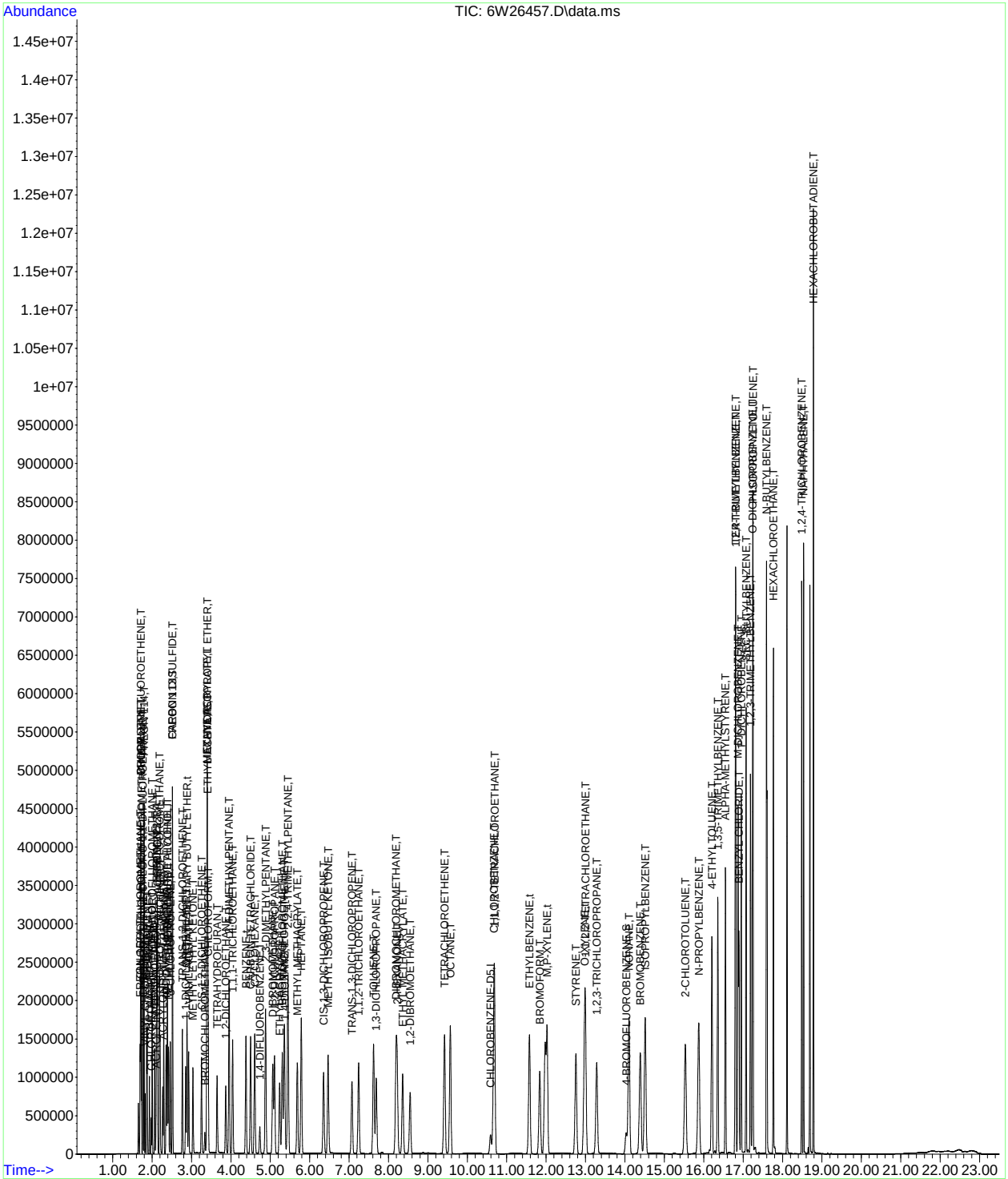
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) ETHYL ACRYLATE	5.238	55	1098830	56.01	PPBV	#	97
59) BROMODICHLOROMETHANE	5.303	83	855768	51.54	PPBV		98
60) 2,2,4-TRIMETHYLPENTANE	5.447	57	2189480	51.80	PPBV	#	98
61) 1,4-DIOXANE	5.370	88	248097	56.47	PPBV	#	77
62) HEPTANE	5.785	43	867169	52.21	PPBV	#	75
63) METHYL METHACRYLATE	5.685	69	447804	55.07	PPBV	#	51
64) METHYL ISOBUTYL KETONE	6.466	58	410011	55.64	PPBV	#	65
65) CIS-1,3-DICHLOROPROPENE	6.354	75	670342	55.14	PPBV	#	73
66) TOLUENE	7.621	91	1390715	53.37	PPBV		100
67) 1,3-DICHLOROPROPANE	7.688	76	707445	53.22	PPBV	#	98
68) TRANS-1,3-DICHLOROPROPENE	7.071	75	625674	58.06	PPBV	#	76
69) 1,1,2-TRICHLOROETHANE	7.245	83	410658	52.01	PPBV		98
70) 2-HEXANONE	8.219	58	526885	63.03	PPBV	#	65
71) ETHYL METHACRYLATE	8.360	69	721957	56.44	PPBV	#	68
72) TETRACHLOROETHENE	9.421	164	529858	53.03	PPBV		92
73) DIBROMOCHLOROMETHANE	8.190	129	945732	53.92	PPBV		99
74) 1,2-DIBROMOETHANE	8.550	107	775972	53.80	PPBV		99
75) OCTANE	9.569	43	1205638	53.08	PPBV	#	75
77) 1,1,1,2-TETRACHLOROETHANE	10.691	131	643742	52.20	PPBV		98
78) CHLOROBENZENE	10.675	112	1159394	52.02	PPBV		100
79) ETHYLBENZENE	11.579	91	1876315	52.64	PPBV		100
80) M,P-XYLENE	12.023	91	2892477m	104.90	PPBV		
81) O-XYLENE	12.974	91	1453541	52.18	PPBV		97
82) STYRENE	12.756	104	1132584	53.26	PPBV		98
83) NONANE	14.106	43	1260959	50.48	PPBV	#	74
84) BROMOFORM	11.839	173	872403	54.06	PPBV	#	97
85) 1,1,2,2-TETRACHLOROETHANE	13.000	83	1084180	51.41	PPBV		98
86) 1,2,3-TRICHLOROPROPANE	13.286	75	848963	51.97	PPBV		99
88) ISOPROPYLBENZENE	14.514	105	2159991	52.23	PPBV	#	93
89) BROMOBENZENE	14.389	77	1045006	52.38	PPBV		97
90) 2-CHLOROTOLUENE	15.534	91	1501344	53.02	PPBV		98
91) N-PROPYLBENZENE	15.874	91	2595777	53.20	PPBV	#	97
92) 4-ETHYLTOLUENE	16.209	105	2206279	53.25	PPBV		99
93) 1,3,5-TRIMETHYLBENZENE	16.357	105	1852741	54.92	PPBV		99
94) ALPHA-METHYLSTYRENE	16.550	118	926148	55.00	PPBV		99
95) TERT-BUTYLBENZENE	16.807	119	2065662	54.24	PPBV		98
96) 1,2,4-TRIMETHYLBENZENE	16.813	105	1925116	54.43	PPBV		96
97) BENZYL CHLORIDE	16.894	91	1425408	72.09	PPBV		98
98) M-DICHLOROBENZENE	16.871	146	1271661	54.63	PPBV		99
99) P-DICHLOROBENZENE	16.952	146	1306388	56.27	PPBV		99
100) O-DICHLOROBENZENE	17.241	146	1267285	56.76	PPBV		99
101) SEC-BUTYLBENZENE	17.077	105	2815719	54.17	PPBV		99
102) 1,2,3-TRIMETHYLBENZENE	17.186	105	1878817	54.54	PPBV		99
103) P-ISOPROPYLTOLUENE	17.251	119	2494674	55.18	PPBV		96
104) N-BUTYLBENZENE	17.591	91	2362429	56.98	PPBV		98
105) HEXACHLOROETHANE	17.768	117	851741	59.29	PPBV	#	90
106) HEXACHLOROBUTADIENE	18.784	225	1049841	67.10	PPBV		99
107) 1,2,4-TRICHLOROBENZENE	18.485	180	1229650	67.76	PPBV		97
108) NAPHTHALENE	18.534	128	3251100	71.49	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26457.D
Acq On : 20 Oct 2022 12:03 am
Operator : thomash
Sample : ic1125-50
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:53:45 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



Manual Integration Approval Summary

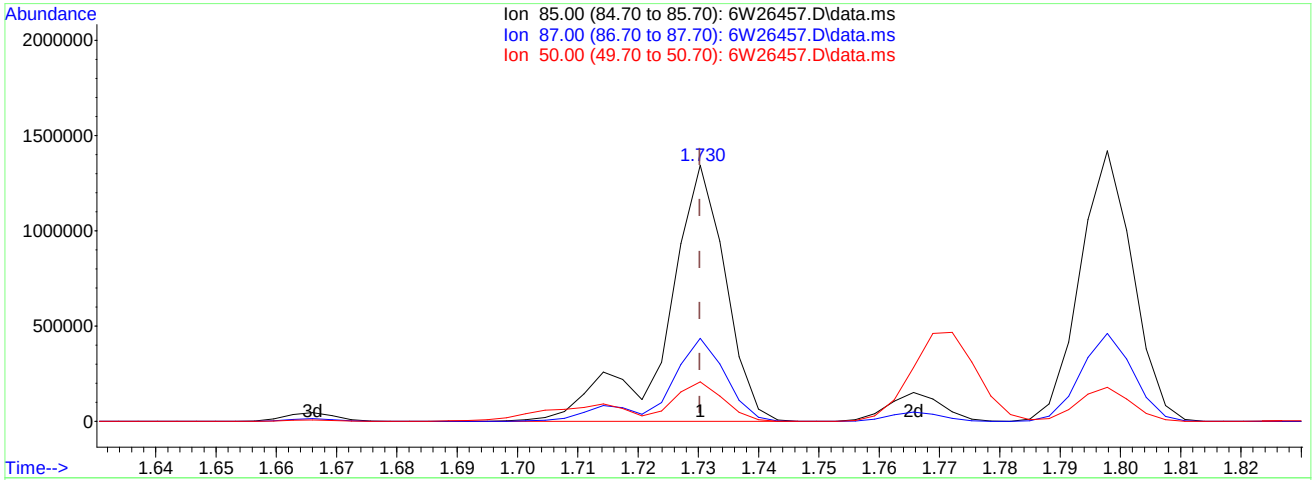
Sample Number: V6W1125-IC1125
Lab FileID: 6W26457.D
Injection Time: 10/20/22 00:03
Method: TO-15
Analyst approved: 10/20/22 10:04 Thomas Hilbig
Supervisor approved: 10/20/22 12:15 Kanya Veerawat

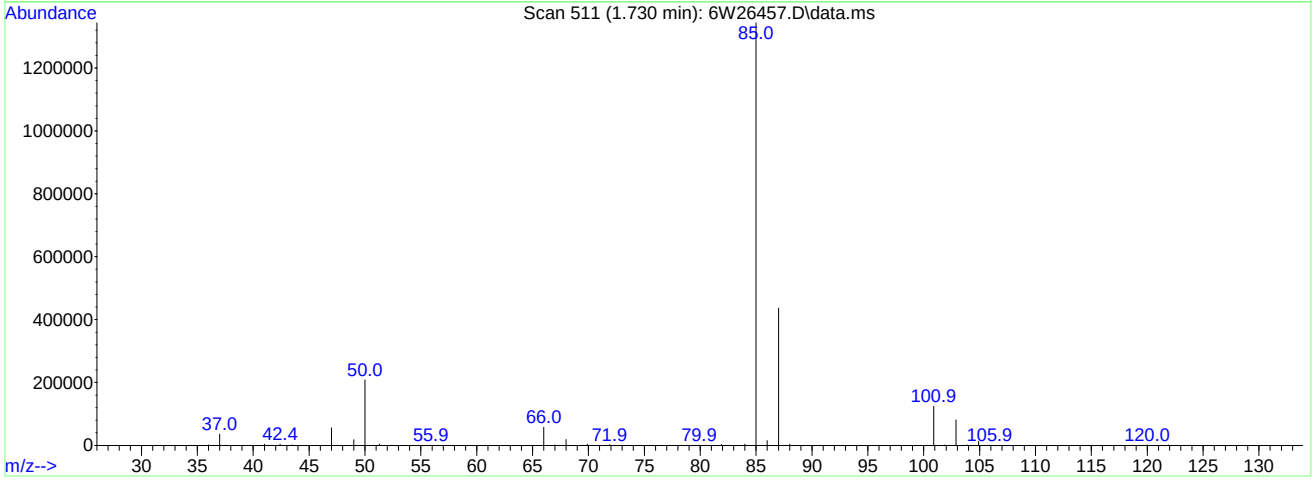
Parameter	CAS	Sig#	R.T. (min.)	Reason
Dichlorodifluoromethane	75-71-8		1.73	Overlapping peak
m,p-Xylene			12.02	Split peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26457.D
Acq On : 20 Oct 2022 12:03 am
Operator : thomash
Sample : ic1125-50
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:51:22 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration





TIC: 6W26457.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (+0.000) 61.45PPBV

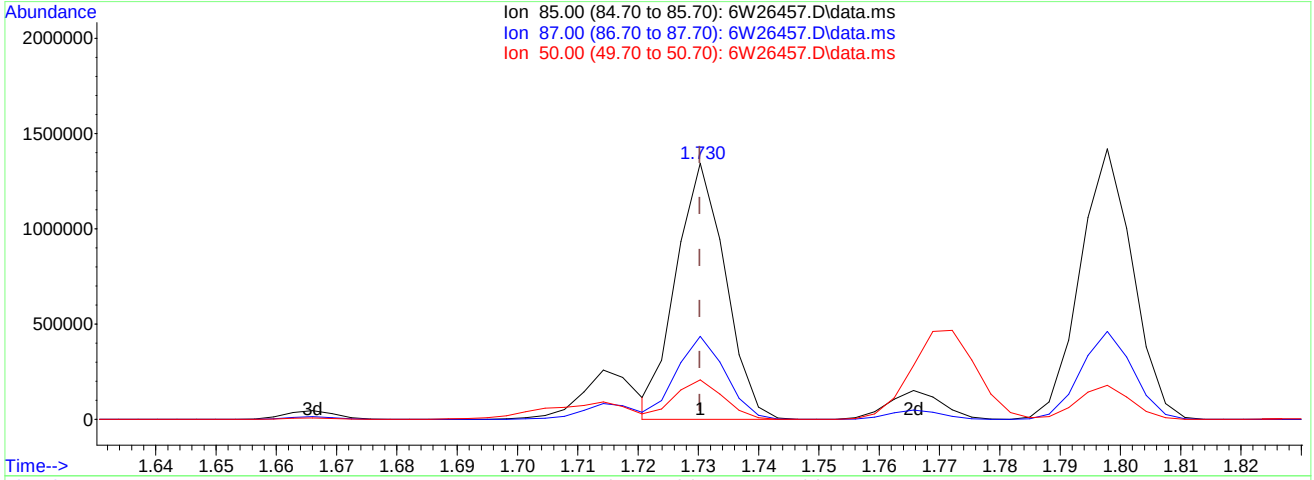
response 920555

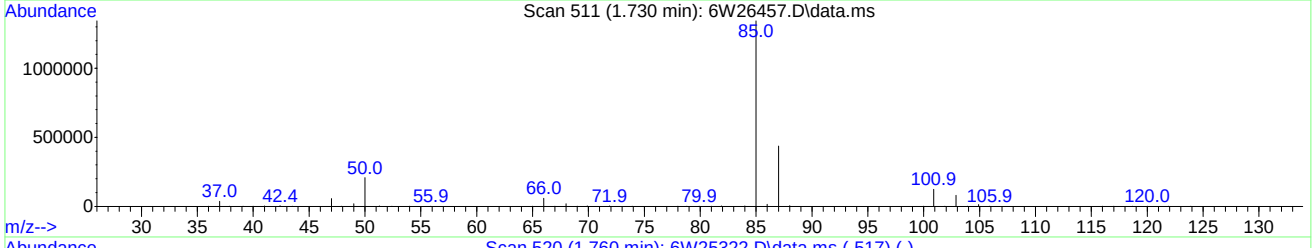
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	32.24
50.00	9.30	22.41#
0.00	0.00	0.00

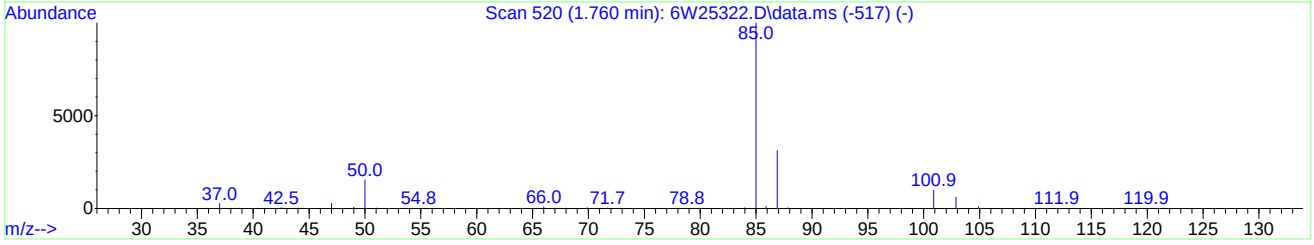
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26457.D
Acq On : 20 Oct 2022 12:03 am
Operator : thomash
Sample : ic1125-50
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:51:22 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26457.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (+0.000) 50.80PPBV m

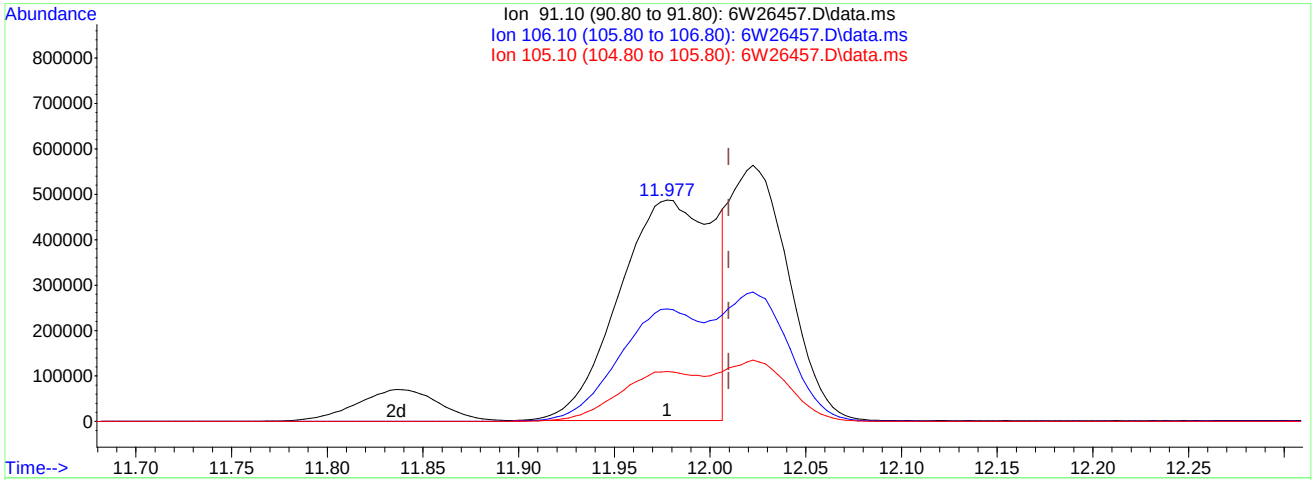
response 760993

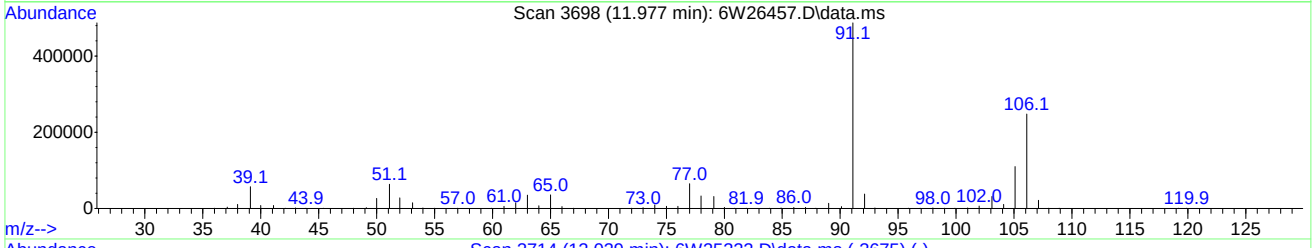
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	39.00#
50.00	9.30	27.11#
0.00	0.00	0.00

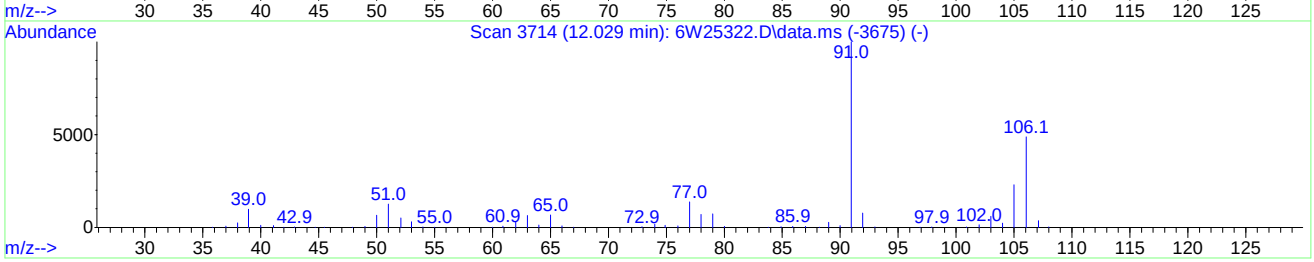
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26457.D
Acq On : 20 Oct 2022 12:03 am
Operator : thomash
Sample : ic1125-50
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:51:22 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration







TIC: 6W26457.D\data.ms

(80) M,P-XYLENE (t)

11.977min (-0.032) 60.92PPBV

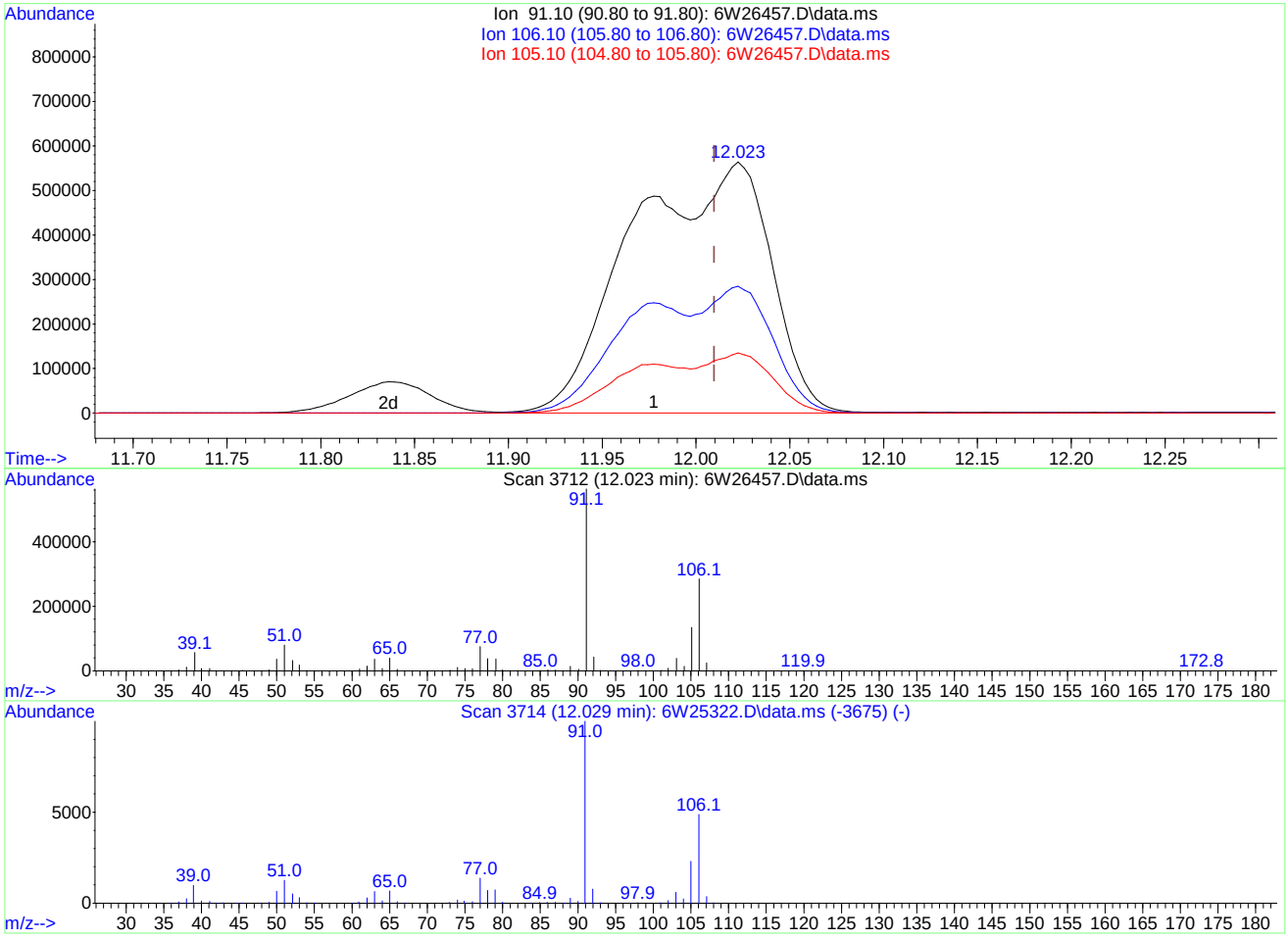
response 1679843

Ion	Exp%	Act%
91.10	100	100
106.10	51.50	45.60
105.10	23.60	20.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26457.D
Acq On : 20 Oct 2022 12:03 am
Operator : thomash
Sample : ic1125-50
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 07:51:22 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 07:44:13 2022
Response via : Initial Calibration



TIC: 6W26457.D\data.ms

(80) M,P-XYLENE (t)

12.023min (+0.013) 104.90PPBV m

response 2892477

Ion	Exp%	Act%
91.10	100	100
106.10	51.50	26.48#
105.10	23.60	11.78
0.00	0.00	0.00

6W26457.D edits: M,P-XYLENE

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 10/20/22 12:15

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26462.D
Acq On : 20 Oct 2022 9:08 am
Operator : thomash
Sample : icv1125-10
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 20 09:33:55 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.338	128	47437	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.730	114	233994	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.582	117	223956	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.019	95	158390	10.13	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	42315	10.38	PPBV	#	74
4) CHLORODIFLUOROMETHANE	1.708	67	18777	10.16	PPBV		96
5) CHLOROTRIFLUOROETHENE	1.717	116	91347	10.23	PPBV	#	99
6) DICHLORODIFLUOROMETHANE	1.730	85	156989m	10.58	PPBV		
7) PROPYLENE	1.714	41	62221	10.24	PPBV		96
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	139422	10.26	PPBV	#	86
9) FREON 114	1.798	85	158149	10.13	PPBV		96
10) CHLOROMETHANE	1.772	52	21693	10.12	PPBV		94
11) VINYL CHLORIDE	1.830	62	65451	10.07	PPBV		97
12) 1,3-BUTADIENE	1.865	54	55315	10.41	PPBV	#	73
13) N-BUTANE	1.878	43	111808	9.33	PPBV	#	91
14) BROMOMETHANE	1.933	94	52086	10.36	PPBV		100
15) CHLOROETHANE	1.978	64	32770	10.53	PPBV		94
16) DICHLOROFLUOROMETHANE	2.000	67	134666	10.20	PPBV	#	95
17) ACETONITRILE	2.065	41	67287	9.65	PPBV		97
18) ACROLEIN	2.100	56	29314	10.16	PPBV		99
19) FREON 123	2.113	83	131588	10.51	PPBV		93
20) FREON 123A	2.129	117	86126	11.40	PPBV		86
21) TRICHLOROFLUOROMETHANE	2.190	101	157212	10.16	PPBV		99
22) ISOPROPYL ALCOHOL	2.206	45	146415	9.38	PPBV	#	96
23) ACETONE	2.139	58	34982	9.96	PPBV	#	33
24) PENTANE	2.296	42	80052	9.62	PPBV	#	94
25) IODOMETHANE	2.354	142	145044	9.73	PPBV	#	84
26) 1,1-DICHLOROETHYLENE	2.383	96	55100	9.37	PPBV	#	52
27) CARBON DISULFIDE	2.518	76	158110	8.49	PPBV	#	85
28) ETHANOL	2.007	45	38760	10.76	PPBV	#	96
29) BROMOETHENE	2.071	106	54264	10.30	PPBV	#	98
30) ACRYLONITRILE	2.270	52	51960	9.87	PPBV		95
31) METHYLENE CHLORIDE	2.418	84	48842	8.28	PPBV	#	42
32) 3-CHLOROPROPENE	2.460	76	26504	9.23	PPBV	#	1
33) FREON 113	2.518	151	91762	8.80	PPBV		87
34) TRANS-1,2-DICHLOROETHENE	2.769	96	62540	9.52	PPBV	#	77
35) TERTIARY BUTYL ALCOHOL	2.396	59	115504	9.05	PPBV	#	94
36) METHYL TERTIARY BUTYL ...	2.888	73	165951	10.16	PPBV	#	90
37) TETRAHYDROFURAN	3.653	72	30116	9.92	PPBV	#	34
38) HEXANE	3.389	57	128292	10.07	PPBV	#	74
39) VINYL ACETATE	2.930	86	15728	9.99	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.849	63	126305	10.09	PPBV		98
41) METHYL ETHYL KETONE	3.036	72	31791	9.96	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.251	96	65428	9.49	PPBV	#	75
43) DIISOPROPYL ETHER	3.396	59	36125	9.87	PPBV	#	36
44) ETHYL ACETATE	3.402	61	25425	10.11	PPBV	#	9
45) METHYL ACRYLATE	3.389	55	160519	10.19	PPBV	#	97
46) CHLOROFORM	3.418	83	133863	9.46	PPBV	#	93
47) 2,4-DIMETHYLPENTANE	3.952	57	148602	10.33	PPBV	#	92
48) 1,1,1-TRICHLOROETHANE	4.039	97	133393	9.60	PPBV	#	92
49) CARBON TETRACHLORIDE	4.495	117	142449	9.56	PPBV		100
50) 1,2-DICHLOROETHANE	3.865	62	107146	9.96	PPBV	#	93
51) BENZENE	4.376	78	194518	9.20	PPBV		76
53) CYCLOHEXANE	4.598	84	84081	9.85	PPBV	#	67
54) 2,3-DIMETHYLPENTANE	4.872	71	45326	9.75	PPBV	#	46
55) TRICHLOROETHENE	5.344	95	86713	9.44	PPBV		98
56) 1,2-DICHLOROPROPANE	5.100	63	83363	9.88	PPBV		96
57) DIBROMOMETHANE	5.055	174	77798	8.98	PPBV		90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26462.D
Acq On : 20 Oct 2022 9:08 am
Operator : thomash
Sample : icv1125-10
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 20 09:33:55 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

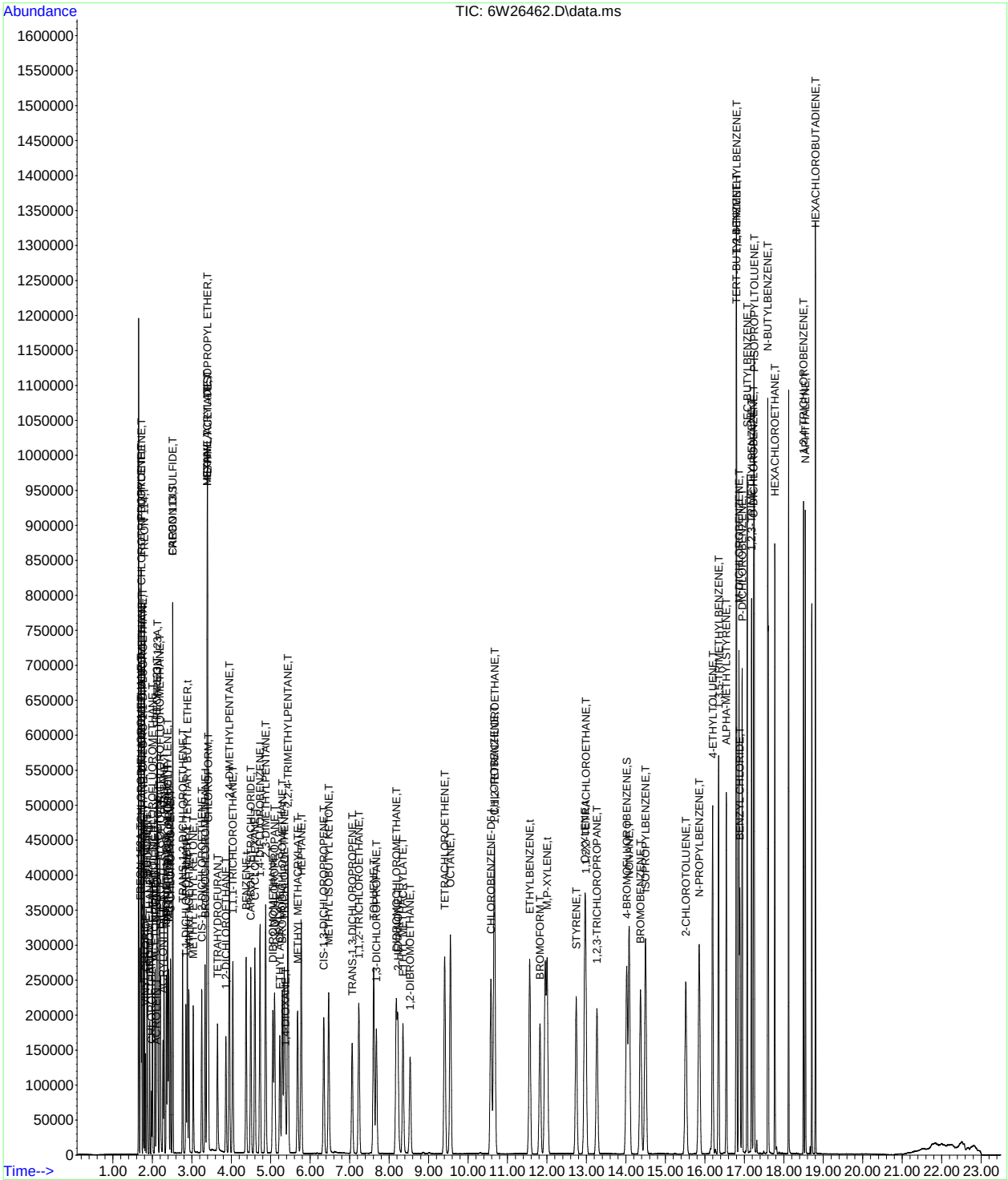
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) ETHYL ACRYLATE	5.229	55	191235	10.69	PPBV	#	96
59) BROMODICHLOROMETHANE	5.293	83	148702	9.61	PPBV		99
60) 2,2,4-TRIMETHYLPENTANE	5.438	57	402185	10.39	PPBV	#	98
61) 1,4-DIOXANE	5.373	88	43069	10.67	PPBV	#	70
62) HEPTANE	5.775	43	160441	10.29	PPBV	#	73
63) METHYL METHACRYLATE	5.682	69	73460	9.83	PPBV	#	41
64) METHYL ISOBUTYL KETONE	6.466	58	71816	11.36	PPBV	#	60
65) CIS-1,3-DICHLOROPROPENE	6.344	75	121546	10.88	PPBV	#	72
66) TOLUENE	7.608	91	248582	9.60	PPBV		100
67) 1,3-DICHLOROPROPANE	7.675	76	126893	10.17	PPBV	#	98
68) TRANS-1,3-DICHLOROPROPENE	7.064	75	103164	10.47	PPBV	#	74
69) 1,1,2-TRICHLOROETHANE	7.235	83	73991	10.01	PPBV		98
70) 2-HEXANONE	8.222	58	91501	12.42	PPBV	#	60
71) ETHYL METHACRYLATE	8.351	69	121309	11.01	PPBV	#	68
72) TETRACHLOROETHENE	9.408	164	94636	10.58	PPBV		92
73) DIBROMOCHLOROMETHANE	8.180	129	163474	10.24	PPBV		99
74) 1,2-DIBROMOETHANE	8.531	107	136603	10.09	PPBV		100
75) OCTANE	9.553	43	220193	10.67	PPBV	#	74
77) 1,1,1,2-TETRACHLOROETHANE	10.675	131	111154	9.25	PPBV		97
78) CHLOROBENZENE	10.659	112	206823	9.56	PPBV		99
79) ETHYLBENZENE	11.559	91	323736	8.40	PPBV		100
80) M,P-XYLENE	12.003	91	500976	17.40	PPBV	#	69
81) O-XYLENE	12.958	91	255001	8.85	PPBV		98
82) STYRENE	12.739	104	182497	9.47	PPBV		97
83) NONANE	14.083	43	230186	9.28	PPBV	#	74
84) BROMOFORM	11.820	173	146828	9.34	PPBV	#	97
85) 1,1,2,2-TETRACHLOROETHANE	12.981	83	191853	9.37	PPBV		99
86) 1,2,3-TRICHLOROPROPANE	13.264	75	145786	9.10	PPBV		99
88) ISOPROPYLBENZENE	14.495	105	366488	9.22	PPBV	#	93
89) BROMOBENZENE	14.373	77	178240	9.30	PPBV		96
90) 2-CHLOROTOLUENE	15.521	91	245770	9.47	PPBV		99
91) N-PROPYLBENZENE	15.855	91	429418	9.81	PPBV	#	97
92) 4-ETHYLTOLUENE	16.199	105	363789	10.27	PPBV		99
93) 1,3,5-TRIMETHYLBENZENE	16.347	105	295002	9.85	PPBV		99
94) ALPHA-METHYLSTYRENE	16.543	118	128522	8.56	PPBV		99
95) TERT-BUTYLBENZENE	16.797	119	327236	9.74	PPBV		99
96) 1,2,4-TRIMETHYLBENZENE	16.804	105	301145	9.73	PPBV		97
97) BENZYL CHLORIDE	16.887	91	173940	9.28	PPBV		98
98) M-DICHLOROBENZENE	16.865	146	199466	9.27	PPBV		99
99) P-DICHLOROBENZENE	16.945	146	201407	9.38	PPBV		99
100) O-DICHLOROBENZENE	17.234	146	190368	9.05	PPBV		99
101) SEC-BUTYLBENZENE	17.074	105	443476	9.68	PPBV		99
102) 1,2,3-TRIMETHYLBENZENE	17.183	105	287306	9.48	PPBV		99
103) P-ISOPROPYLTOLUENE	17.251	119	368720	9.39	PPBV		97
104) N-BUTYLBENZENE	17.595	91	347673	9.96	PPBV		98
105) HEXACHLOROETHANE	17.771	117	110715	7.76	PPBV	#	89
106) HEXACHLOROBUTADIENE	18.804	225	113599	7.29	PPBV		99
107) 1,2,4-TRICHLOROBENZENE	18.498	180	141128	8.07	PPBV		99
108) NAPHTHALENE	18.546	128	372884	8.65	PPBV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26462.D
Acq On : 20 Oct 2022 9:08 am
Operator : thomash
Sample : icv1125-10
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 20 09:33:55 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Manual Integration Approval Summary

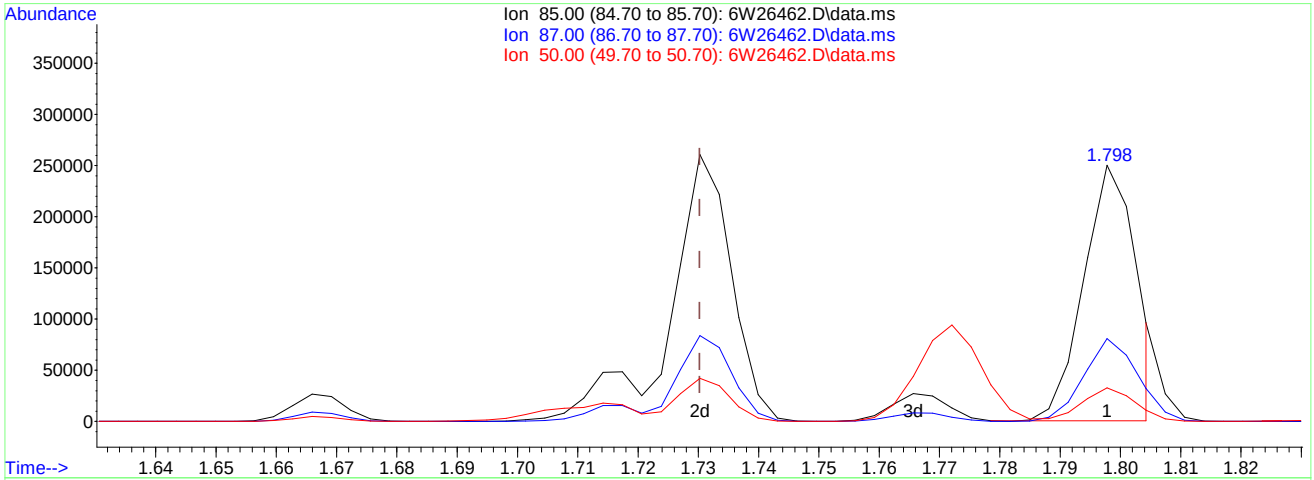
Sample Number:	V6W1125-ICV1125	**Method:**	TO-15
Lab FileID:	6W26462.D	**Analyst approved:**	10/20/22 10:04 Thomas Hilbig
Injection Time:	10/20/22 09:08	**Supervisor approved:**	10/20/22 12:15 Kanya Veerawat

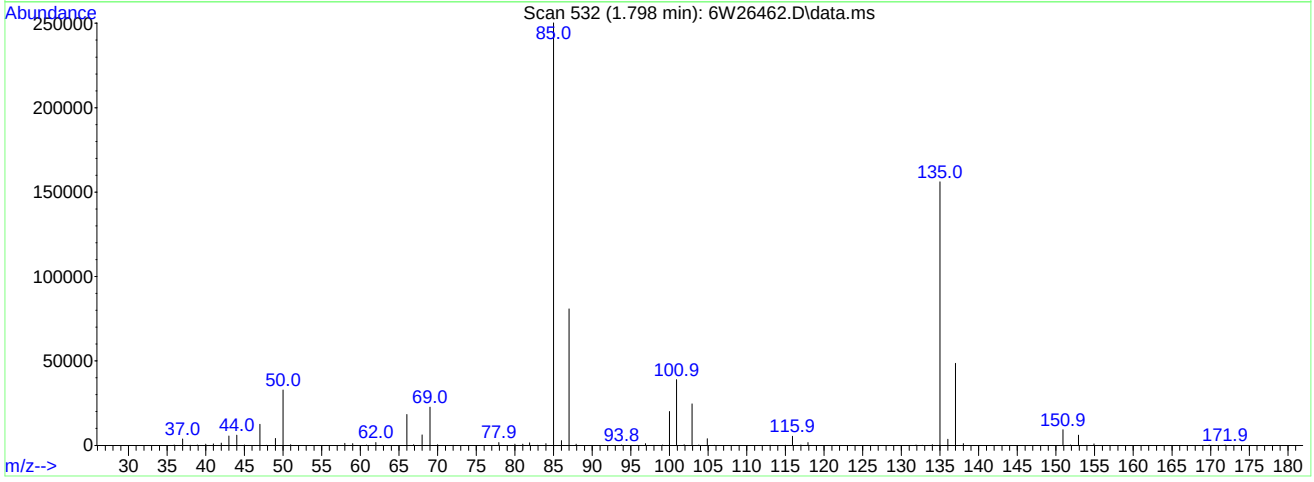
Parameter	CAS	Sig#	R.T. (min.)	Reason
Dichlorodifluoromethane	75-71-8		1.73	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26462.D
Acq On : 20 Oct 2022 9:08 am
Operator : thomash
Sample : icv1125-10
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 20 09:33:03 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26462.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.798min (+0.068) 10.18PPBV

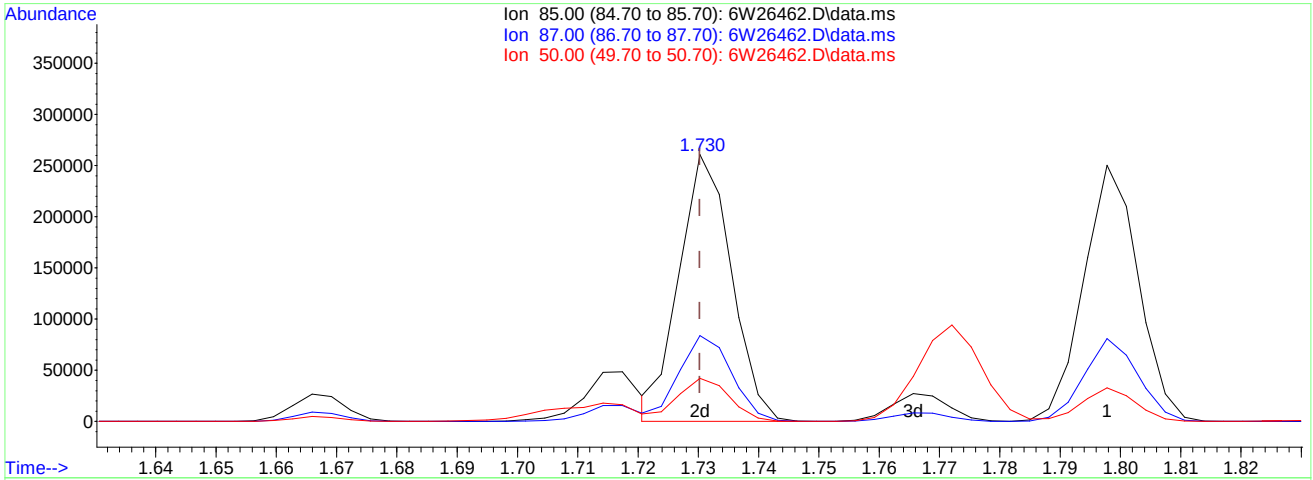
response 150961

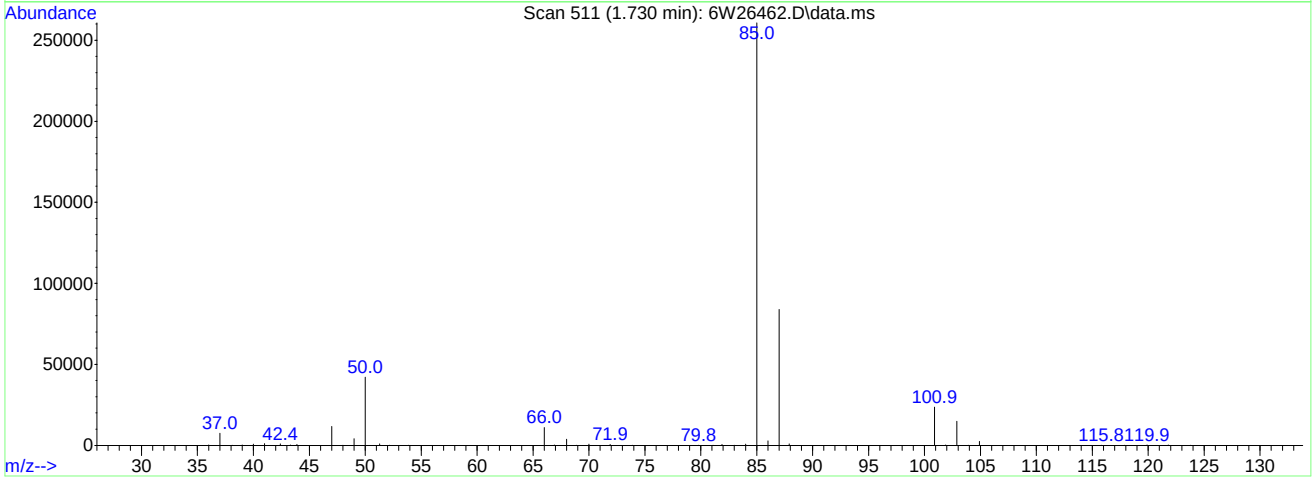
Ion	Exp%	Act%
85.00	100	100
87.00	32.20	32.06
50.00	9.30	11.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26462.D
Acq On : 20 Oct 2022 9:08 am
Operator : thomash
Sample : icv1125-10
Misc : MS63121,V6W1125,,,,,1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 20 09:33:03 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26462.D\data.ms

(6) DICHLORODIFLUOROMETHANE (T)

1.730min (+0.000) 10.58PPBV m

response 156989

Ion	Exp%	Act%
85.00	100	100
87.00	32.20	30.83
50.00	9.30	10.71
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 11/07/22 15:11

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26823.D
Acq On : 3 Nov 2022 9:36 am
Operator : thomash
Sample : cc1125-10
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 15:13:41 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.341	128	45375	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	225669	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.588	117	185640	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.022	95	132668	10.23	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	31975m	8.20	PPBV		
4) CHLORODIFLUOROMETHANE	1.708	67	14062	7.95	PPBV		99
5) CHLOROTRIFLUOROETHENE	1.717	116	72944	8.54	PPBV	#	100
6) DICHLORODIFLUOROMETHANE	1.733	85	168749	11.89	PPBV	#	93
7) PROPYLENE	1.717	41	45398	7.81	PPBV		97
8) 1-CHLORO-1,1-DIFLUOROE...	1.769	65	123967	9.54	PPBV	#	89
9) FREON 114	1.801	85	150357	10.07	PPBV		97
10) CHLOROMETHANE	1.775	52	20006	9.76	PPBV		94
11) VINYL CHLORIDE	1.830	62	64266	10.34	PPBV		98
12) 1,3-BUTADIENE	1.865	54	53584	10.54	PPBV	#	78
13) N-BUTANE	1.881	43	107934	9.42	PPBV	#	91
14) BROMOMETHANE	1.936	94	53297	11.09	PPBV		100
15) CHLOROETHANE	1.981	64	32988	11.08	PPBV		97
16) DICHLOROFLUOROMETHANE	2.004	67	133169	10.54	PPBV	#	95
17) ACETONITRILE	2.068	41	68780	10.31	PPBV		98
18) ACROLEIN	2.103	56	32341	11.71	PPBV		99
19) FREON 123	2.116	83	129664	10.82	PPBV		96
20) FREON 123A	2.132	117	75673	10.47	PPBV		84
21) TRICHLOROFLUOROMETHANE	2.193	101	146984	9.93	PPBV		100
22) ISOPROPYL ALCOHOL	2.209	45	139144	9.32	PPBV	#	94
23) ACETONE	2.139	58	35047	10.43	PPBV	#	47
24) PENTANE	2.299	42	78292	9.83	PPBV	#	95
25) IODOMETHANE	2.357	142	151477	10.62	PPBV	#	88
26) 1,1-DICHLOROETHYLENE	2.386	96	55922	9.94	PPBV	#	57
27) CARBON DISULFIDE	2.521	76	176365	9.90	PPBV	#	91
28) ETHANOL	2.007	45	33840	9.82	PPBV		96
29) BROMOETHENE	2.074	106	54785	10.87	PPBV	#	99
30) ACRYLONITRILE	2.274	52	53358	10.60	PPBV		97
31) METHYLENE CHLORIDE	2.422	84	52891	9.37	PPBV	#	54
32) 3-CHLOROPROPENE	2.463	76	27708	10.09	PPBV	#	1
33) FREON 113	2.521	151	94580	9.48	PPBV		87
34) TRANS-1,2-DICHLOROETHENE	2.772	96	62066	9.88	PPBV	#	80
35) TERTIARY BUTYL ALCOHOL	2.396	59	105691	8.66	PPBV	#	82
36) METHYL TERTIARY BUTYL ...	2.891	73	124436	7.96	PPBV	#	92
37) TETRAHYDROFURAN	3.656	72	30557	10.52	PPBV	#	42
38) HEXANE	3.393	57	117550	9.65	PPBV	#	78
39) VINYL ACETATE	2.933	86	15252	10.13	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.856	63	115664	9.66	PPBV		99
41) METHYL ETHYL KETONE	3.039	72	31375	10.28	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.258	96	64035	9.71	PPBV	#	80
43) DIISOPROPYL ETHER	3.402	59	31745	9.06	PPBV	#	44
44) ETHYL ACETATE	3.409	61	24784	10.30	PPBV	#	43
45) METHYL ACRYLATE	3.393	55	153999	10.22	PPBV	#	97
46) CHLOROFORM	3.425	83	126972	9.39	PPBV	#	93
47) 2,4-DIMETHYLPENTANE	3.955	57	136921	9.95	PPBV	#	92
48) 1,1,1-TRICHLOROETHANE	4.045	97	115264	8.67	PPBV	#	90
49) CARBON TETRACHLORIDE	4.499	117	126625	8.88	PPBV		99
50) 1,2-DICHLOROETHANE	3.868	62	93492	9.08	PPBV	#	95
51) BENZENE	4.380	78	189179	9.35	PPBV		80
53) CYCLOHEXANE	4.605	84	80553	9.79	PPBV	#	71
54) 2,3-DIMETHYLPENTANE	4.875	71	43953	9.81	PPBV	#	55
55) TRICHLOROETHENE	5.347	95	78687	8.88	PPBV		99
56) 1,2-DICHLOROPROPANE	5.103	63	80676	9.92	PPBV		99
57) DIBROMOMETHANE	5.061	174	73594	8.81	PPBV		88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26823.D
Acq On : 3 Nov 2022 9:36 am
Operator : thomash
Sample : cc1125-10
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 15:13:41 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

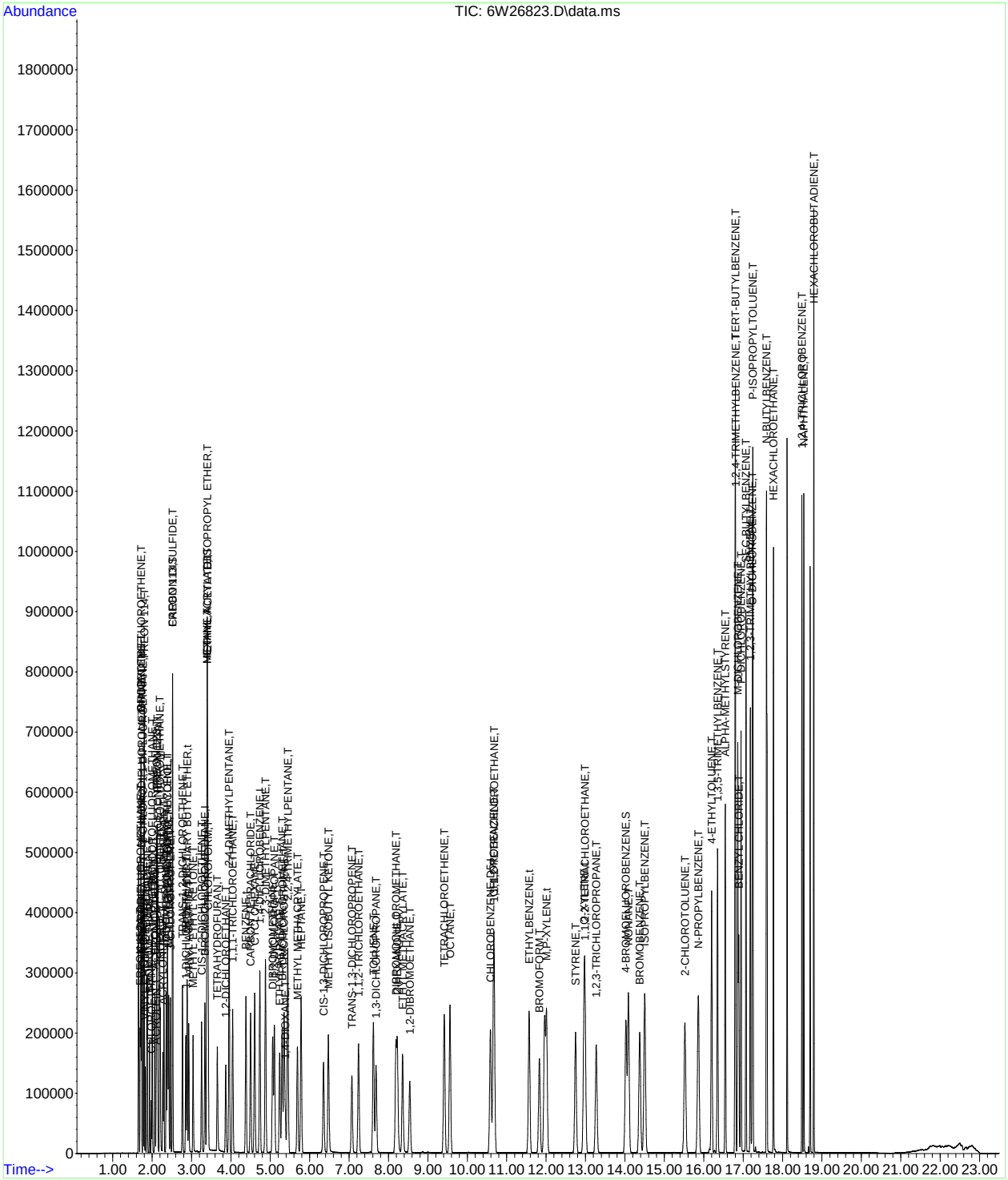
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) ETHYL ACRYLATE	5.238	55	188544	10.92	PPBV	#	97
59) BROMODICHLOROMETHANE	5.299	83	132174	8.86	PPBV		99
60) 2,2,4-TRIMETHYLPENTANE	5.444	57	323621	8.67	PPBV		97
61) 1,4-DIOXANE	5.380	88	42627	10.95	PPBV	#	79
62) HEPTANE	5.782	43	125129	8.32	PPBV	#	76
63) METHYL METHACRYLATE	5.688	69	68314	9.48	PPBV	#	58
64) METHYL ISOBUTYL KETONE	6.476	58	64967	10.65	PPBV	#	68
65) CIS-1,3-DICHLOROPROPENE	6.354	75	93683	8.69	PPBV	#	75
66) TOLUENE	7.617	91	207918	8.33	PPBV		98
67) 1,3-DICHLOROPROPANE	7.685	76	107958	8.97	PPBV	#	97
68) TRANS-1,3-DICHLOROPROPENE	7.071	75	83285	8.77	PPBV	#	79
69) 1,1,2-TRICHLOROETHANE	7.241	83	63758	8.94	PPBV		98
70) 2-HEXANONE	8.225	58	87133	12.27	PPBV	#	67
71) ETHYL METHACRYLATE	8.360	69	112169	10.56	PPBV	#	73
72) TETRACHLOROETHENE	9.415	164	79370	9.20	PPBV		93
73) DIBROMOCHLOROMETHANE	8.187	129	134069	8.71	PPBV		100
74) 1,2-DIBROMOETHANE	8.540	107	118295	9.06	PPBV		99
75) OCTANE	9.563	43	170876	8.59	PPBV	#	77
77) 1,1,1,2-TETRACHLOROETHANE	10.682	131	91112	9.15	PPBV		95
78) CHLOROBENZENE	10.666	112	173170	9.65	PPBV		99
79) ETHYLBENZENE	11.569	91	278188	8.70	PPBV		99
80) M,P-XYLENE	12.006	91	433064m	18.15	PPBV		
81) O-XYLENE	12.965	91	220004	9.21	PPBV		98
82) STYRENE	12.749	104	167463	10.49	PPBV		97
83) NONANE	14.090	43	183186	8.91	PPBV	#	77
84) BROMOFORM	11.826	173	122685	9.42	PPBV	#	98
85) 1,1,2,2-TETRACHLOROETHANE	12.990	83	170575	10.05	PPBV		98
86) 1,2,3-TRICHLOROPROPANE	13.270	75	129281	9.74	PPBV		98
88) ISOPROPYLBENZENE	14.501	105	318450	9.67	PPBV	#	94
89) BROMOBENZENE	14.376	77	157194	9.89	PPBV		95
90) 2-CHLOROTOLUENE	15.524	91	221919	10.32	PPBV		99
91) N-PROPYLBENZENE	15.861	91	385515	10.63	PPBV	#	95
92) 4-ETHYLTOLUENE	16.202	105	323236	11.01	PPBV		99
93) 1,3,5-TRIMETHYLBENZENE	16.350	105	265955	10.71	PPBV		99
94) ALPHA-METHYLSTYRENE	16.546	118	145366	11.69	PPBV		99
95) TERT-BUTYLBENZENE	16.800	119	300408	10.78	PPBV		98
96) 1,2,4-TRIMETHYLBENZENE	16.807	105	280452	10.94	PPBV		96
97) BENZYL CHLORIDE	16.890	91	174420	11.22	PPBV		98
98) M-DICHLOROBENZENE	16.865	146	188360	10.56	PPBV		99
99) P-DICHLOROBENZENE	16.945	146	191547	10.76	PPBV		99
100) O-DICHLOROBENZENE	17.234	146	184450	10.57	PPBV		99
101) SEC-BUTYLBENZENE	17.070	105	412980	10.87	PPBV		99
102) 1,2,3-TRIMETHYLBENZENE	17.183	105	273180	10.88	PPBV		99
103) P-ISOPROPYLTOLUENE	17.247	119	361187	11.09	PPBV		97
104) N-BUTYLBENZENE	17.591	91	343081	11.86	PPBV		98
105) HEXACHLOROETHANE	17.768	117	118537	10.03	PPBV	#	90
106) HEXACHLOROBUTADIENE	18.794	225	136467	10.56	PPBV		100
107) 1,2,4-TRICHLOROBENZENE	18.492	180	169601	11.70	PPBV		99
108) NAPHTHALENE	18.540	128	453099	12.68	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26823.D
Acq On : 3 Nov 2022 9:36 am
Operator : thomash
Sample : cc1125-10
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 04 15:13:41 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Manual Integration Approval Summary

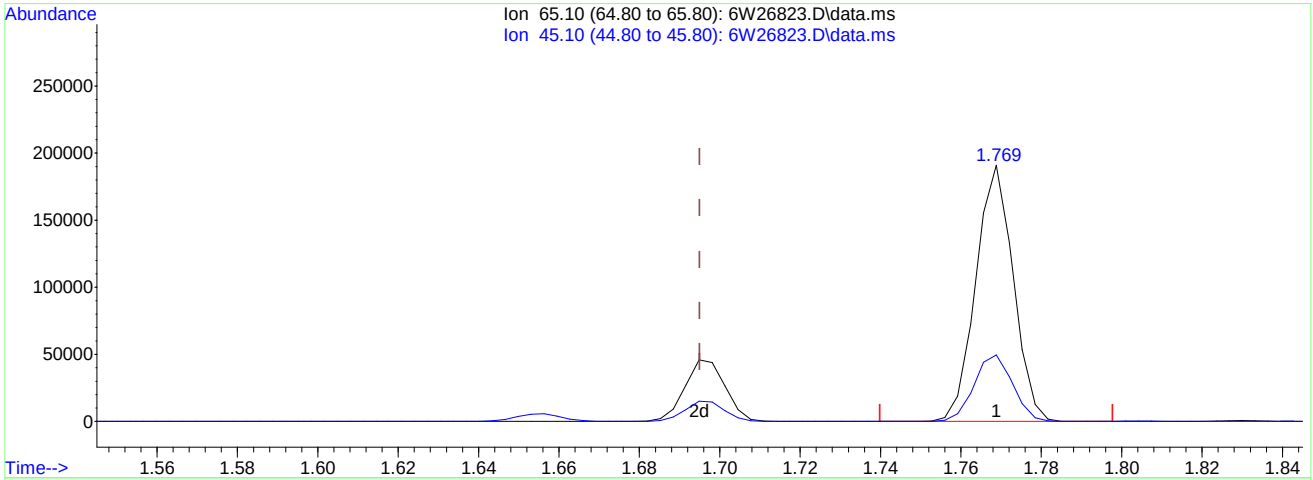
Sample Number:	V6W1137-CC1125	**Method:**	TO-15
Lab FileID:	6W26823.D	**Analyst approved:**	11/04/22 15:23 William Cruser
Injection Time:	11/03/22 09:36	**Supervisor approved:**	11/07/22 15:11 Kanya Veerawat

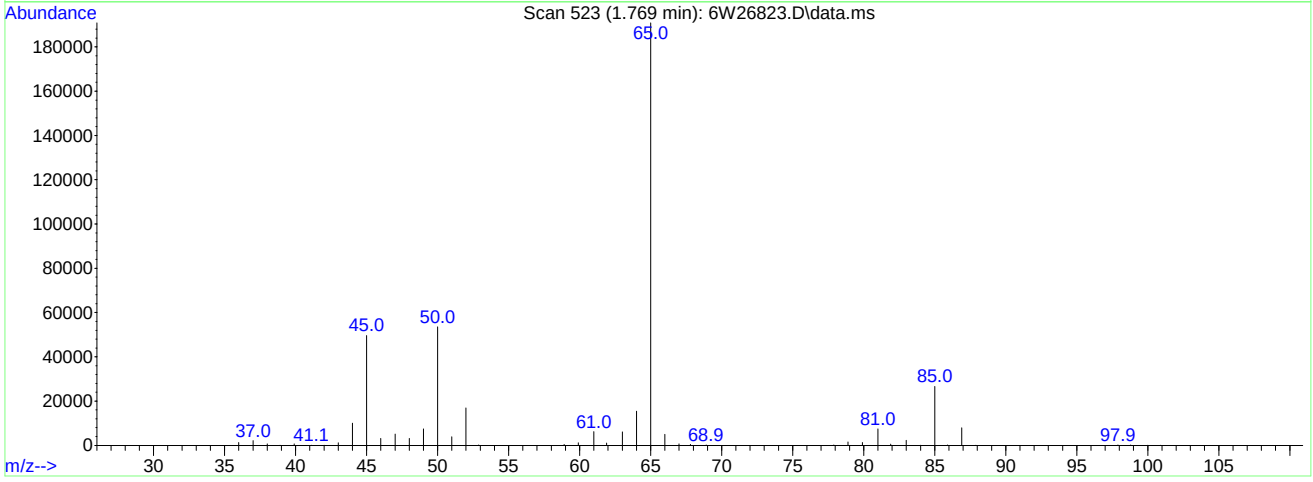
Parameter	CAS	Sig#	R.T. (min.)	Reason
Freon 152A	75-37-6		1.69	Missed peak
m,p-Xylene			12.01	Split peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26823.D
Acq On : 3 Nov 2022 9:36 am
Operator : thomash
Sample : cc1125-10
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 10:04:48 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26823.D\data.ms

(3) FREON 152A (T)

1.769min (+0.074) 31.78PPBV

response 123971

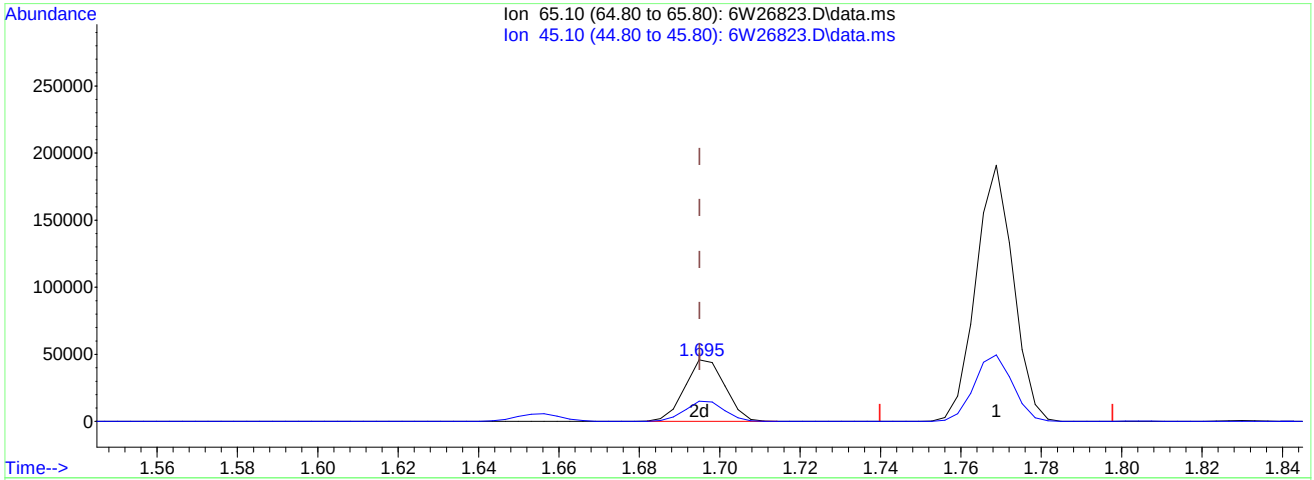
Ion	Exp%	Act%
65.10	100	100
45.10	22.90	26.59
0.00	0.00	0.00
0.00	0.00	0.00

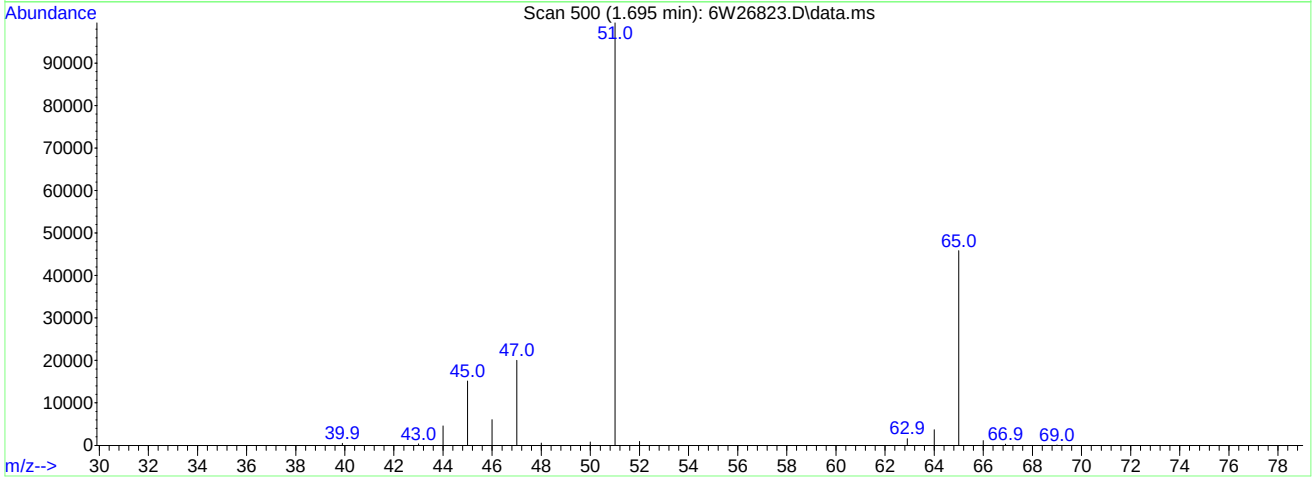
6W26823.D edits: FREON 152A

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26823.D
Acq On : 3 Nov 2022 9:36 am
Operator : thomash
Sample : cc1125-10
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 10:04:48 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26823.D\data.ms

(3) FREON 152A (T)

1.695min (-0.000) 8.20PPBV m

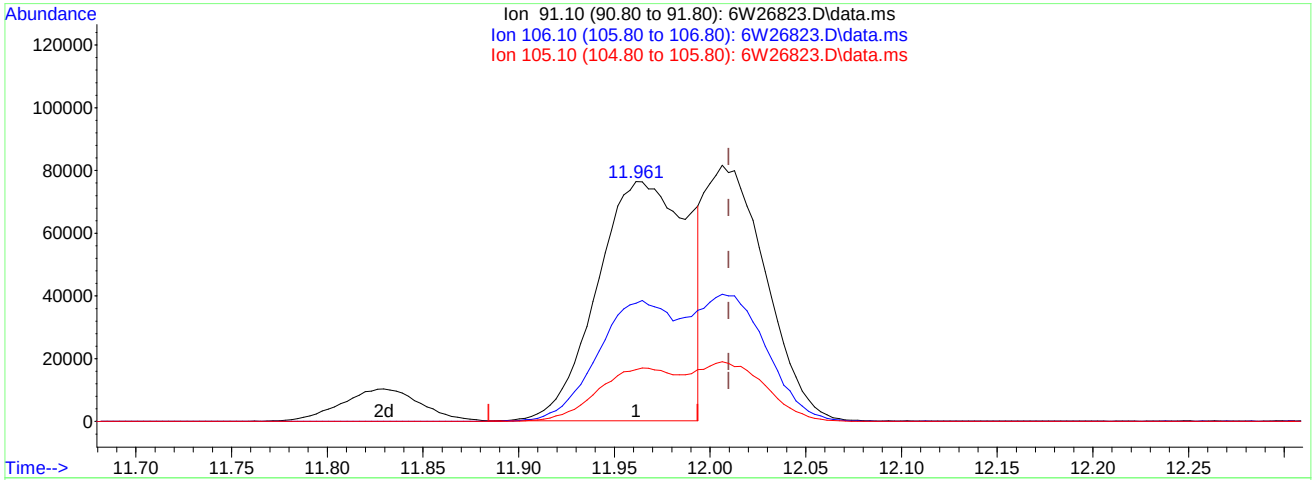
response 31975

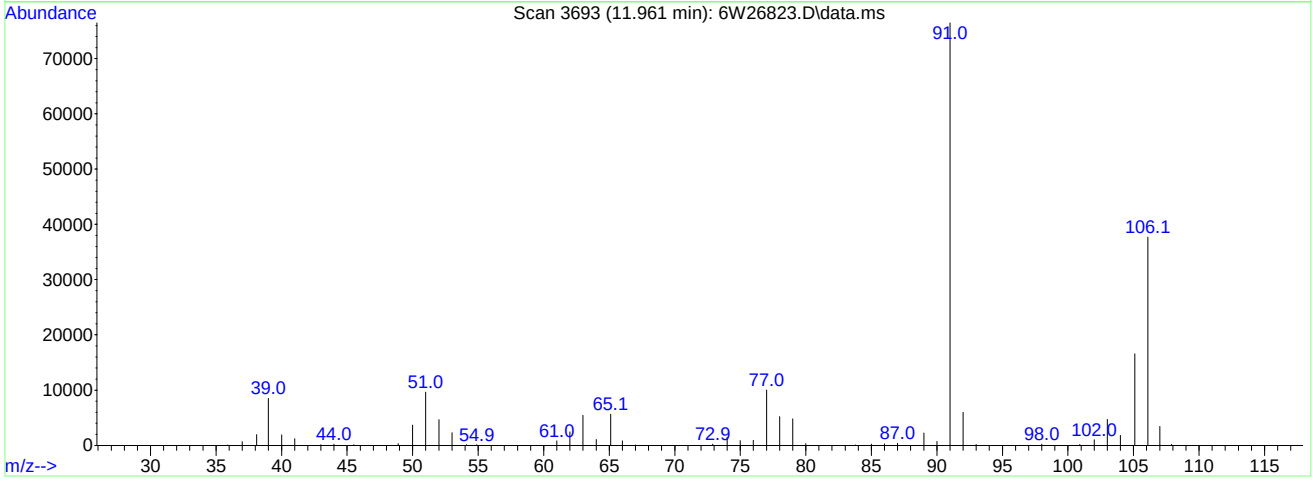
Ion	Exp%	Act%
65.10	100	100
45.10	22.90	103.09#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26823.D
Acq On : 3 Nov 2022 9:36 am
Operator : thomash
Sample : cc1125-10
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 10:04:48 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26823.D\data.ms

(80) M,P-XYLENE (t)

11.961min (-0.048) 10.52PPBV

response 250975

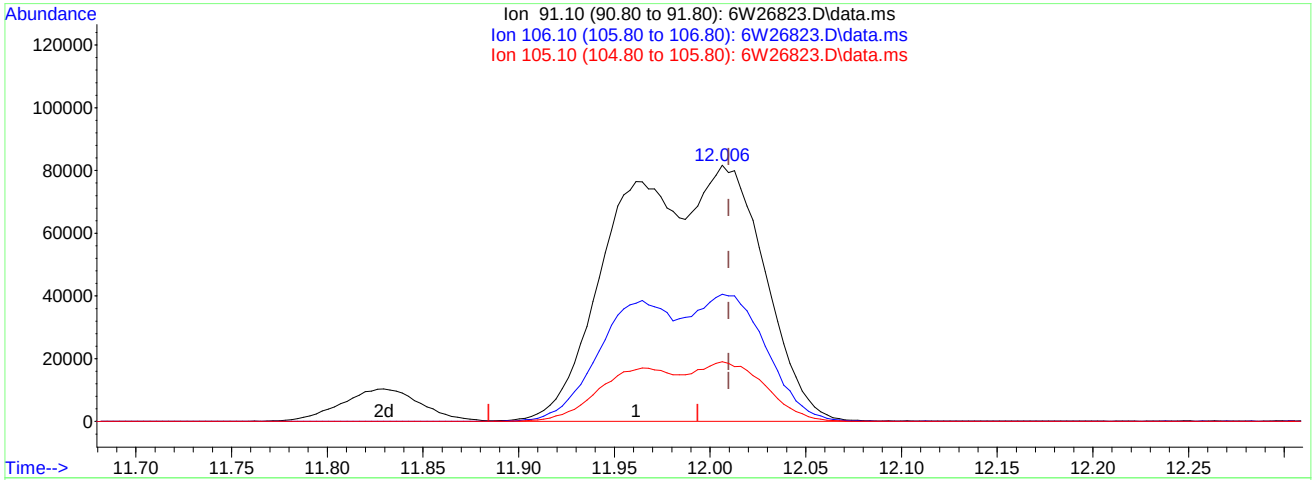
Ion	Exp%	Act%
91.10	100	100
106.10	51.50	39.75
105.10	23.60	17.68
0.00	0.00	0.00

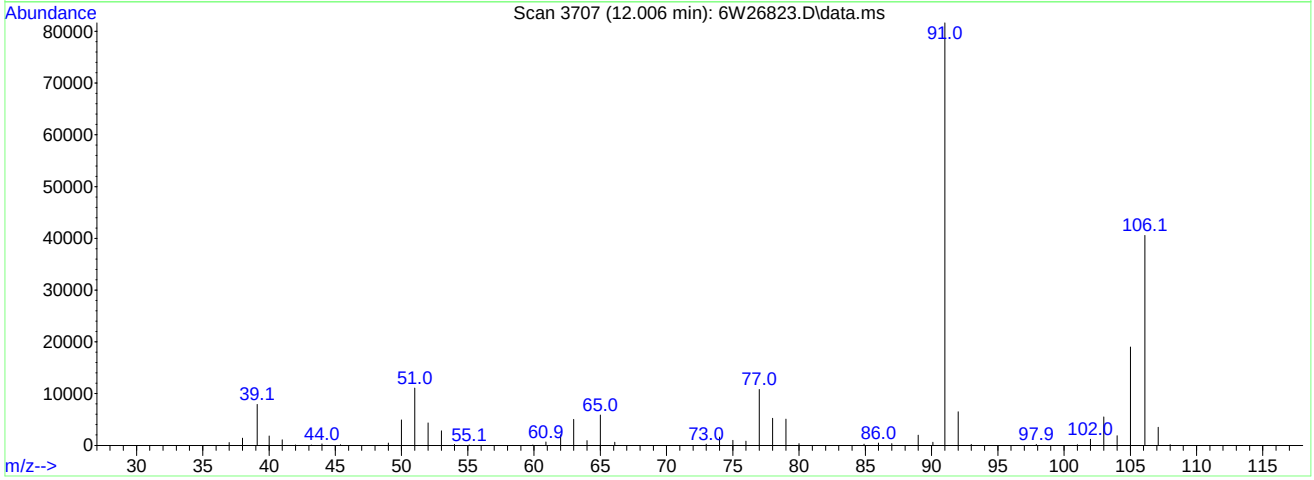
6W26823.D edits: M,P-XYLENE

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : 6W26823.D
Acq On : 3 Nov 2022 9:36 am
Operator : thomash
Sample : cc1125-10
Misc : MS63437,V6W1137,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 10:04:48 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration





TIC: 6W26823.D\data.ms

(80) M,P-XYLENE (t)

12.006min (-0.003) 18.15PPBV m

response 433064

Ion	Exp%	Act%
91.10	100	100
106.10	51.50	23.04#
105.10	23.60	10.25
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26945.D
Acq On : 7 Nov 2022 8:11 am
Operator : thomash
Sample : cc1125-10
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 09:18:01 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) BROMOCHLOROMETHANE	3.341	128	31540	10.00	PPBV	# 0.00
52) 1,4-DIFLUOROBENZENE	4.733	114	158405	10.00	PPBV	0.00
76) CHLOROBENZENE-D5	10.582	117	138452	10.00	PPBV	0.00
System Monitoring Compounds						
87) 4-BROMOFLUOROBENZENE	14.019	95	99778	10.32	PPBV	0.00
Target Compounds						Qvalue
3) FREON 152A	1.698	65	23827	8.79	PPBV	# 75
4) CHLORODIFLUOROMETHANE	1.708	67	10949	8.91	PPBV	99
5) CHLOROTRIFLUOROETHENE	1.717	116	52106	8.78	PPBV	# 100
6) DICHLORODIFLUOROMETHANE	1.734	85	112690	11.43	PPBV	# 91
7) PROPYLENE	1.717	41	35518	8.79	PPBV	97
8) 1-CHLORO-1,1-DIFLUOROE...	1.769	65	83719	9.27	PPBV	# 86
9) FREON 114	1.801	85	97892	9.44	PPBV	98
10) CHLOROMETHANE	1.775	52	13460	9.45	PPBV	95
11) VINYL CHLORIDE	1.830	62	41325	9.56	PPBV	98
12) 1,3-BUTADIENE	1.865	54	36138	10.23	PPBV	# 75
13) N-BUTANE	1.881	43	74763	9.39	PPBV	# 90
14) BROMOMETHANE	1.936	94	34612	10.36	PPBV	99
15) CHLOROETHANE	1.981	64	22000	10.63	PPBV	96
16) DICHLOROFLUOROMETHANE	2.004	67	85981	9.79	PPBV	# 97
17) ACETONITRILE	2.068	41	49056	10.58	PPBV	98
18) ACROLEIN	2.103	56	21296	11.10	PPBV	99
19) FREON 123	2.116	83	88258	10.60	PPBV	99
20) FREON 123A	2.132	117	50473	10.05	PPBV	88
21) TRICHLOROFLUOROMETHANE	2.193	101	102849	10.00	PPBV	99
22) ISOPROPYL ALCOHOL	2.209	45	98986	9.54	PPBV	# 96
23) ACETONE	2.139	58	22964	9.83	PPBV	# 32
24) PENTANE	2.299	42	54670	9.88	PPBV	# 93
25) IODOMETHANE	2.357	142	102309	10.32	PPBV	# 87
26) 1,1-DICHLOROETHYLENE	2.386	96	37389	9.56	PPBV	# 58
27) CARBON DISULFIDE	2.521	76	118237	9.55	PPBV	# 89
28) ETHANOL	2.007	45	24156	10.08	PPBV	96
29) BROMOETHENE	2.074	106	36616	10.45	PPBV	# 98
30) ACRYLONITRILE	2.274	52	36985	10.57	PPBV	94
31) METHYLENE CHLORIDE	2.422	84	35805	9.13	PPBV	# 51
32) 3-CHLOROPROPENE	2.463	76	19098	10.01	PPBV	# 1
33) FREON 113	2.521	151	67819	9.78	PPBV	93
34) TRANS-1,2-DICHLOROETHENE	2.772	96	40934	9.38	PPBV	# 79
35) TERTIARY BUTYL ALCOHOL	2.399	59	73114	8.62	PPBV	# 84
36) METHYL TERTIARY BUTYL ...	2.891	73	85817	7.90	PPBV	# 91
37) TETRAHYDROFURAN	3.656	72	20035	9.92	PPBV	# 38
38) HEXANE	3.393	57	76658	9.05	PPBV	# 73
39) VINYL ACETATE	2.933	86	10878	10.40	PPBV	# 1
40) 1,1-DICHLOROETHANE	2.856	63	77300	9.29	PPBV	98
41) METHYL ETHYL KETONE	3.039	72	20579	9.70	PPBV	# 1
42) CIS-1,2-DICHLOROETHENE	3.258	96	42021	9.17	PPBV	# 79
43) DIISOPROPYL ETHER	3.402	59	22042	9.06	PPBV	# 41
44) ETHYL ACETATE	3.409	61	16044	9.59	PPBV	# 24
45) METHYL ACRYLATE	3.393	55	101495	9.69	PPBV	# 97
46) CHLOROFORM	3.422	83	86760	9.23	PPBV	# 94
47) 2,4-DIMETHYLPENTANE	3.955	57	89363	9.34	PPBV	# 93
48) 1,1,1-TRICHLOROETHANE	4.045	97	81643	8.84	PPBV	# 93
49) CARBON TETRACHLORIDE	4.499	117	88485	8.93	PPBV	100
50) 1,2-DICHLOROETHANE	3.868	62	63024	8.81	PPBV	# 95
51) BENZENE	4.380	78	125541	8.93	PPBV	79
53) CYCLOHEXANE	4.602	84	53562	9.27	PPBV	# 73
54) 2,3-DIMETHYLPENTANE	4.875	71	28077	8.92	PPBV	# 53
55) TRICHLOROETHENE	5.351	95	55133	8.87	PPBV	99
56) 1,2-DICHLOROPROPANE	5.103	63	51934	9.09	PPBV	97
57) DIBROMOMETHANE	5.061	174	54881	9.36	PPBV	98

7.7.23

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26945.D
Acq On : 7 Nov 2022 8:11 am
Operator : thomash
Sample : cc1125-10
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 09:18:01 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

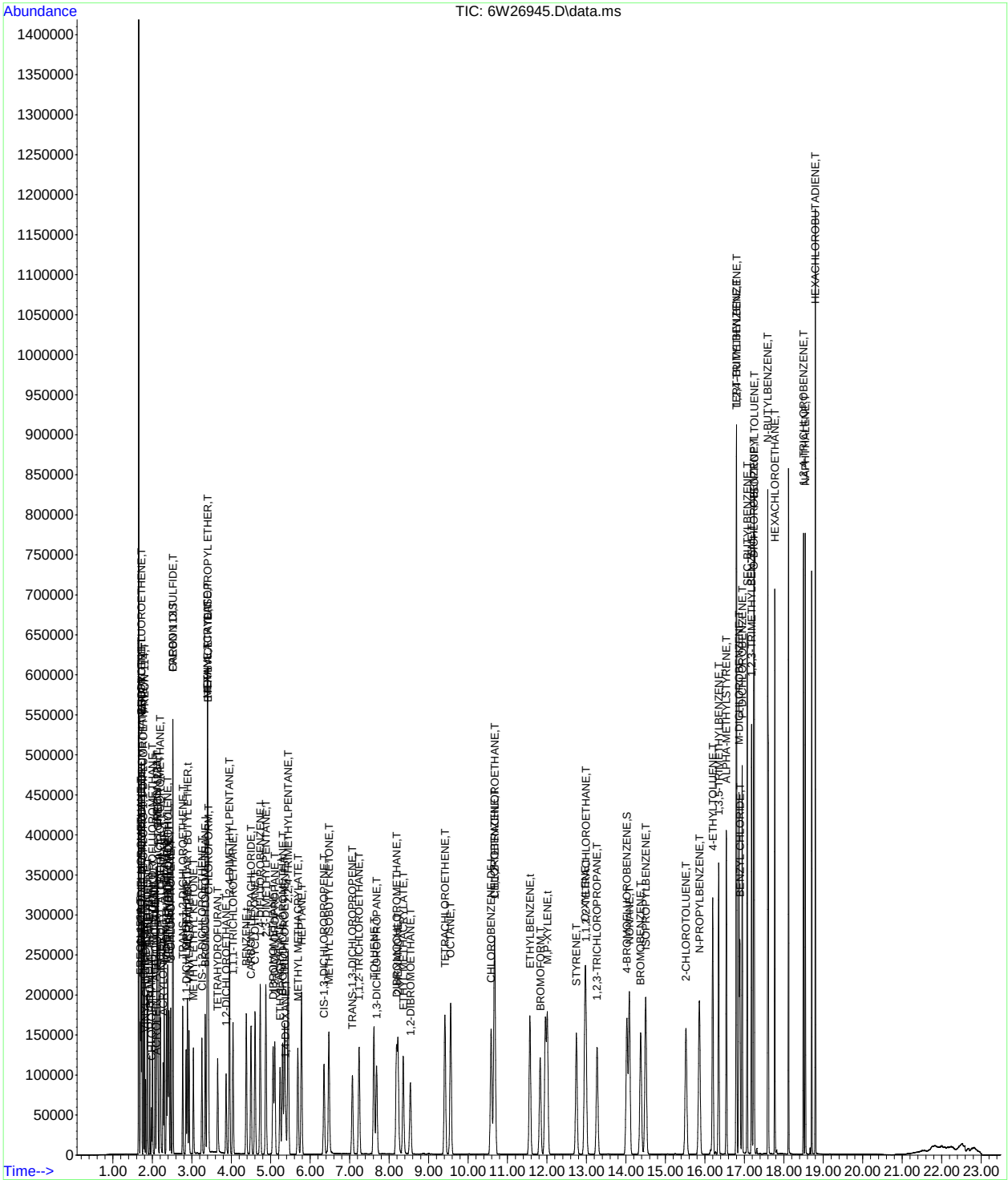
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) ETHYL ACRYLATE	5.238	55	123193	10.17	PPBV	#	96
59) BROMODICHLOROMETHANE	5.299	83	92333	8.81	PPBV		99
60) 2,2,4-TRIMETHYLPENTANE	5.441	57	242003	9.23	PPBV	#	98
61) 1,4-DIOXANE	5.376	88	29625	10.84	PPBV	#	73
62) HEPTANE	5.782	43	99819	9.45	PPBV	#	73
63) METHYL METHACRYLATE	5.688	69	50539	9.99	PPBV	#	51
64) METHYL ISOBUTYL KETONE	6.473	58	48188	11.26	PPBV	#	55
65) CIS-1,3-DICHLOROPROPENE	6.347	75	70871	9.37	PPBV	#	74
66) TOLUENE	7.618	91	149164	8.51	PPBV		100
67) 1,3-DICHLOROPROPANE	7.682	76	80268	9.50	PPBV	#	98
68) TRANS-1,3-DICHLOROPROPENE	7.068	75	62931	9.44	PPBV	#	76
69) 1,1,2-TRICHLOROETHANE	7.238	83	47882	9.57	PPBV		98
70) 2-HEXANONE	8.225	58	63854	12.81	PPBV	#	58
71) ETHYL METHACRYLATE	8.360	69	83334	11.17	PPBV	#	68
72) TETRACHLOROETHENE	9.415	164	60081	9.92	PPBV		95
73) DIBROMOCHLOROMETHANE	8.187	129	97471	9.02	PPBV		99
74) 1,2-DIBROMOETHANE	8.540	107	87858	9.59	PPBV		100
75) OCTANE	9.556	43	135420	9.70	PPBV	#	73
77) 1,1,1,2-TETRACHLOROETHANE	10.679	131	67538	9.09	PPBV		94
78) CHLOROBENZENE	10.666	112	126396	9.45	PPBV		98
79) ETHYLBENZENE	11.566	91	200436	8.41	PPBV		99
80) M,P-XYLENE	12.006	91	315286	17.71	PPBV	#	68
81) O-XYLENE	12.965	91	159380	8.95	PPBV		96
82) STYRENE	12.743	104	122921	10.32	PPBV		97
83) NONANE	14.087	43	144904	9.45	PPBV	#	72
84) BROMOFORM	11.830	173	96097	9.89	PPBV	#	97
85) 1,1,2,2-TETRACHLOROETHANE	12.987	83	126939	10.03	PPBV		100
86) 1,2,3-TRICHLOROPROPANE	13.267	75	96296	9.73	PPBV		100
88) ISOPROPYLBENZENE	14.501	105	234382	9.54	PPBV	#	95
89) BROMOBENZENE	14.373	77	118371	9.99	PPBV		95
90) 2-CHLOROTOLUENE	15.521	91	162204	10.11	PPBV		98
91) N-PROPYLBENZENE	15.862	91	277430	10.25	PPBV	#	96
92) 4-ETHYLTOLUENE	16.199	105	237489	10.85	PPBV		99
93) 1,3,5-TRIMETHYLBENZENE	16.350	105	196598	10.62	PPBV		97
94) ALPHA-METHYLSTYRENE	16.543	118	101691	10.96	PPBV		98
95) TERT-BUTYLBENZENE	16.797	119	212561	10.23	PPBV		95
96) 1,2,4-TRIMETHYLBENZENE	16.804	105	206560	10.80	PPBV		93
97) BENZYL CHLORIDE	16.890	91	124662	10.75	PPBV		97
98) M-DICHLOROBENZENE	16.862	146	136412	10.26	PPBV		98
99) P-DICHLOROBENZENE	16.945	146	137092	10.32	PPBV		99
100) O-DICHLOROBENZENE	17.238	146	131747	10.13	PPBV		99
101) SEC-BUTYLBENZENE	17.074	105	296132	10.45	PPBV		99
102) 1,2,3-TRIMETHYLBENZENE	17.183	105	202240	10.80	PPBV		97
103) P-ISOPROPYLTOLUENE	17.251	119	253983	10.46	PPBV		96
104) N-BUTYLBENZENE	17.595	91	244796	11.34	PPBV		99
105) HEXACHLOROETHANE	17.771	117	82284	9.33	PPBV		93
106) HEXACHLOROBUTADIENE	18.800	225	109118	11.32	PPBV		100
107) 1,2,4-TRICHLOROBENZENE	18.498	180	122390	11.33	PPBV		98
108) NAPHTHALENE	18.546	128	319628	11.99	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26945.D
Acq On : 7 Nov 2022 8:11 am
Operator : thomash
Sample : cc1125-10
Misc : MS63516,V6W1141,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 09:18:01 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26990.D
Acq On : 8 Nov 2022 1:46 pm
Operator : thomash
Sample : cc1125-10
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 14:10:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) BROMOCHLOROMETHANE	3.338	128	42449	10.00	PPBV	#	0.00
52) 1,4-DIFLUOROBENZENE	4.730	114	214251	10.00	PPBV		0.00
76) CHLOROBENZENE-D5	10.579	117	161482	10.00	PPBV		0.00
System Monitoring Compounds							
87) 4-BROMOFLUOROBENZENE	14.022	95	124123	11.01	PPBV		0.00
Target Compounds							Qvalue
3) FREON 152A	1.695	65	37247	10.21	PPBV	#	78
4) CHLORODIFLUOROMETHANE	1.708	67	16932	10.24	PPBV		95
5) CHLOROTRIFLUOROETHENE	1.717	116	75181	9.41	PPBV	#	99
6) DICHLORODIFLUOROMETHANE	1.730	85	203259	15.31	PPBV	#	92
7) PROPYLENE	1.714	41	58312	10.72	PPBV		97
8) 1-CHLORO-1,1-DIFLUOROE...	1.766	65	159126	13.09	PPBV	#	86
9) FREON 114	1.798	85	182103	13.04	PPBV		91
10) CHLOROMETHANE	1.772	52	26905	14.03	PPBV		91
11) VINYL CHLORIDE	1.830	62	83910	14.43	PPBV		98
12) 1,3-BUTADIENE	1.865	54	70756	14.88	PPBV	#	74
13) N-BUTANE	1.878	43	148625	13.87	PPBV	#	90
14) BROMOMETHANE	1.933	94	61284	13.63	PPBV		99
15) CHLOROETHANE	1.978	64	41386	14.86	PPBV		94
16) DICHLOROFLUOROMETHANE	2.004	67	165140	13.97	PPBV	#	95
17) ACETONITRILE	2.065	41	95023	15.22	PPBV		99
18) ACROLEIN	2.100	56	38685	14.98	PPBV		99
19) FREON 123	2.116	83	154547	13.79	PPBV		99
20) FREON 123A	2.132	117	81010	11.98	PPBV	#	64
21) TRICHLOROFLUOROMETHANE	2.190	101	167350	12.09	PPBV		100
22) ISOPROPYL ALCOHOL	2.206	45	194501	13.93	PPBV	#	96
23) ACETONE	2.139	58	47365	15.07	PPBV	#	49
24) PENTANE	2.296	42	105970	14.23	PPBV	#	92
25) IODOMETHANE	2.354	142	155673	11.67	PPBV	#	81
26) 1,1-DICHLOROETHYLENE	2.383	96	64630	12.28	PPBV	#	46
27) CARBON DISULFIDE	2.518	76	209807	12.59	PPBV	#	88
28) ETHANOL	2.007	45	46235	14.34	PPBV		97
29) BROMOETHENE	2.071	106	58684	12.45	PPBV	#	98
30) ACRYLONITRILE	2.271	52	66602	14.14	PPBV		96
31) METHYLENE CHLORIDE	2.418	84	62415	11.82	PPBV	#	41
32) 3-CHLOROPROPENE	2.463	76	33431	13.01	PPBV	#	1
33) FREON 113	2.518	151	102816	11.02	PPBV		87
34) TRANS-1,2-DICHLOROETHENE	2.769	96	69130	11.77	PPBV	#	71
35) TERTIARY BUTYL ALCOHOL	2.396	59	129273	11.32	PPBV	#	75
36) METHYL TERTIARY BUTYL ...	2.888	73	142712	9.76	PPBV	#	90
37) TETRAHYDROFURAN	3.650	72	35372	13.02	PPBV	#	22
38) HEXANE	3.389	57	146894	12.89	PPBV	#	72
39) VINYL ACETATE	2.930	86	17547	12.46	PPBV	#	1
40) 1,1-DICHLOROETHANE	2.852	63	142426	12.71	PPBV		97
41) METHYL ETHYL KETONE	3.036	72	36489	12.78	PPBV	#	1
42) CIS-1,2-DICHLOROETHENE	3.251	96	69825	11.32	PPBV	#	70
43) DIISOPROPYL ETHER	3.399	59	38909	11.88	PPBV	#	21
44) ETHYL ACETATE	3.406	61	29800	13.24	PPBV	#	10
45) METHYL ACRYLATE	3.389	55	191965	13.62	PPBV	#	97
46) CHLOROFORM	3.418	83	152258	12.03	PPBV	#	92
47) 2,4-DIMETHYLPENTANE	3.949	57	169335	13.15	PPBV	#	91
48) 1,1,1-TRICHLOROETHANE	4.039	97	139514	11.22	PPBV	#	90
49) CARBON TETRACHLORIDE	4.495	117	141543	10.61	PPBV		99
50) 1,2-DICHLOROETHANE	3.865	62	117883	12.24	PPBV	#	94
51) BENZENE	4.377	78	217915	11.51	PPBV		75
53) CYCLOHEXANE	4.598	84	92673	11.86	PPBV	#	63
54) 2,3-DIMETHYLPENTANE	4.872	71	49993	11.75	PPBV	#	38
55) TRICHLOROETHENE	5.344	95	95297	11.33	PPBV		94
56) 1,2-DICHLOROPROPANE	5.100	63	97143	12.58	PPBV		98
57) DIBROMOMETHANE	5.055	174	82024	10.34	PPBV	#	85

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26990.D
Acq On : 8 Nov 2022 1:46 pm
Operator : thomash
Sample : cc1125-10
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 14:10:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration

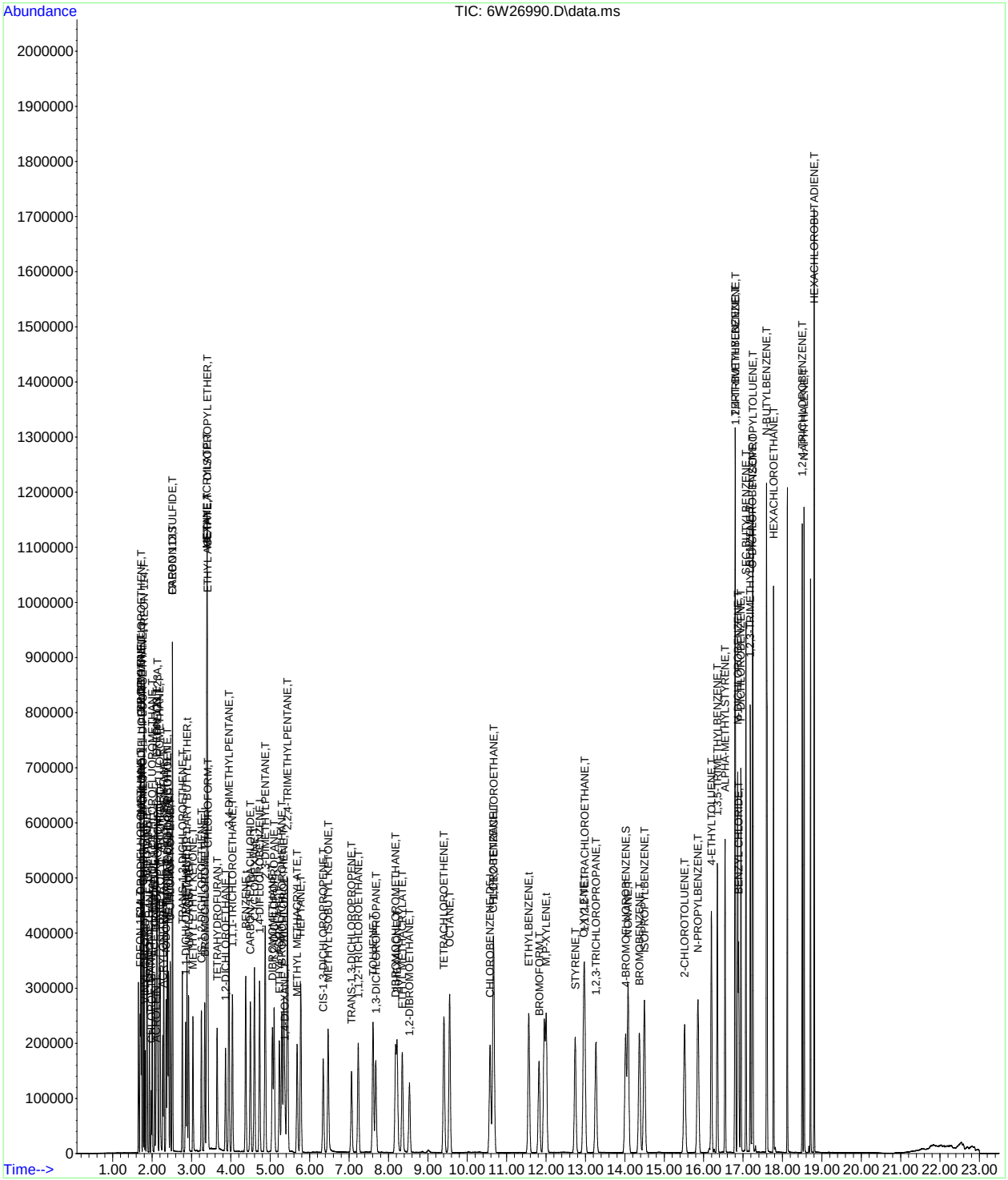
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) ETHYL ACRYLATE	5.232	55	233283	14.24	PPBV #	96
59) BROMODICHLOROMETHANE	5.293	83	164018	11.58	PPBV	98
60) 2,2,4-TRIMETHYLPENTANE	5.438	57	469120	13.23	PPBV #	97
61) 1,4-DIOXANE	5.370	88	51283	13.87	PPBV #	63
62) HEPTANE	5.775	43	149433	10.46	PPBV #	72
63) METHYL METHACRYLATE	5.682	69	73095	10.68	PPBV #	44
64) METHYL ISOBUTYL KETONE	6.470	58	72202	12.47	PPBV #	58
65) CIS-1,3-DICHLOROPROPENE	6.344	75	104933	10.25	PPBV #	71
66) TOLUENE	7.611	91	216074	9.12	PPBV	100
67) 1,3-DICHLOROPROPANE	7.679	76	118226	10.35	PPBV #	97
68) TRANS-1,3-DICHLOROPROPENE	7.061	75	93012	10.31	PPBV #	74
69) 1,1,2-TRICHLOROETHANE	7.235	83	69797	10.31	PPBV	97
70) 2-HEXANONE	8.219	58	93838	13.91	PPBV #	61
71) ETHYL METHACRYLATE	8.347	69	120023	11.90	PPBV #	64
72) TETRACHLOROETHENE	9.408	164	80320	9.81	PPBV	95
73) DIBROMOCHLOROMETHANE	8.180	129	134199	9.18	PPBV	100
74) 1,2-DIBROMOETHANE	8.534	107	118024	9.52	PPBV	100
75) OCTANE	9.553	43	204893	10.85	PPBV #	72
77) 1,1,1,2-TETRACHLOROETHANE	10.672	131	91280	10.54	PPBV	89
78) CHLOROBENZENE	10.656	112	171369	10.98	PPBV	95
79) ETHYLBENZENE	11.560	91	293000	10.54	PPBV	96
80) M,P-XYLENE	12.000	91	449150	21.64	PPBV #	65
81) O-XYLENE	12.955	91	229893	11.06	PPBV	94
82) STYRENE	12.740	104	162552	11.70	PPBV	94
83) NONANE	14.080	43	220871	12.35	PPBV #	71
84) BROMOFORM	11.826	173	125705	11.09	PPBV #	98
85) 1,1,2,2-TETRACHLOROETHANE	12.981	83	187485	12.70	PPBV	100
86) 1,2,3-TRICHLOROPROPANE	13.267	75	141224	12.23	PPBV	95
88) ISOPROPYLBENZENE	14.498	105	321922	11.24	PPBV	96
89) BROMOBENZENE	14.366	77	168496	12.19	PPBV	89
90) 2-CHLOROTOLUENE	15.514	91	233236	12.47	PPBV	96
91) N-PROPYLBENZENE	15.855	91	406930	12.89	PPBV #	93
92) 4-ETHYLTOLUENE	16.199	105	323074	12.65	PPBV	99
93) 1,3,5-TRIMETHYLBENZENE	16.347	105	266151	12.33	PPBV #	97
94) ALPHA-METHYLSTYRENE	16.543	118	130897	12.10	PPBV	98
95) TERT-BUTYLBENZENE	16.797	119	291396	12.02	PPBV	91
96) 1,2,4-TRIMETHYLBENZENE	16.804	105	284173	12.74	PPBV	92
97) BENZYL CHLORIDE	16.887	91	175936	13.01	PPBV #	95
98) M-DICHLOROBENZENE	16.865	146	186216	12.00	PPBV	98
99) P-DICHLOROBENZENE	16.945	146	185373	11.97	PPBV	98
100) O-DICHLOROBENZENE	17.238	146	181199	11.94	PPBV	98
101) SEC-BUTYLBENZENE	17.074	105	422345	12.78	PPBV	98
102) 1,2,3-TRIMETHYLBENZENE	17.183	105	278495	12.75	PPBV #	97
103) P-ISOPROPYLTOLUENE	17.251	119	358190	12.65	PPBV #	95
104) N-BUTYLBENZENE	17.595	91	373155	14.83	PPBV	98
105) HEXACHLOROETHANE	17.775	117	118521	11.52	PPBV	92
106) HEXACHLOROBUTADIENE	18.807	225	153962	13.70	PPBV	100
107) 1,2,4-TRICHLOROBENZENE	18.501	180	175300	13.91	PPBV	99
108) NAPHTHALENE	18.550	128	453542	14.59	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 6W26990.D
Acq On : 8 Nov 2022 1:46 pm
Operator : thomash
Sample : cc1125-10
Misc : MS63597,V6W1142,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 14:10:56 2022
Quant Method : C:\msdchem\1\methods\M6W1125.M
Quant Title : TO15 by GCMS w/DB-1, 30m X 0.25mm ID X 0.5 um
QLast Update : Thu Oct 20 08:34:08 2022
Response via : Initial Calibration



TO-15

Batch ID: V3W3055

Analyst Signature:

Date: 11/2/2022

Columns: RTX-1: 60m x 0.32mm x 1μm

Method: 3WTO15.M

Seq. File: 3W20221102.S

Initial Cal. Method: M3W3055.M

AS Data

Method: 3WTO15A.CTD3

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS9385	15/35	100 ppbv
AS9626	TO-15 STD (A1789)	1 ppbv
AS9622	TO-15 STD (A974)	40 ppbv
AS9618	TO-15 LCS (A977)	40 ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteri of SGS SOP EQA044.

Supervisor Signature: Date: 11/9/22

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
3	3W77563	IB		A959	400						
3	3W77564	IB		A959	100						
3	3W77565	IB		A959	100						
1	3W77566	BFB		A1789	16					OK	
1	3W77567	IC3055-0.01		A1789	16			/	/	OK	
1	3W77568	IC3055-0.1		A1789	40			/	/	OK	
1	3W77569	IC3055-0.2		A1789	80			/	/	OK	
1	3W77570	IC3055-0.5		A1789	200			/	/	OK	
2	3W77571	IC3055-0.5		A974	5			/	/	OK	
2	3W77572	IC3055-5		A974	50			/	/	OK	
2	3W77573	IC3055-10		A974	100			/	/	OK	
2	3W77574	IC3055-20		A974	200			/	/	OK	
2	3W77575	IC3055-40		A974	400			/	/	OK	
2	3W77576	IC3055-50		A974	500			/		OK	
3	3W77577	IB		A959	100						
3	3W77578	IB		A959	100						
4	3W77579	ICV3055-10		A977	100			—	—	NG	↓ Low recoveries
4	3W77580	ICV3055-10		A977	100			—	—	NG	RERUN NEW STANDARD
3	3W77581	IB		A959	100						
3	3W77582	IB		A959	100						

11/3/202

All strikeouts must be initial and dated. Comment is require for anything other than a transcription error.

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SGS

TO-15

Batch ID: V3W3087 ~~V3W3086~~

Date: 12/13/22

Analyst Signature:

Columns: ~~DB~~ RTX-1

Method: 3W TO15.M

Seq. File: 3W 2022 1213.S

Initial Cal. Method: M3W3055

AS Data

Method: 3W TO15 STD

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
A93535	Int/surr	100 ppbv
AS 2662	TO15 STD (A978)	40 ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the cri of SGS SOP EQA044.

Supervisor Signature: Date: 12/14/22

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Commen
1	3W78379	BFB		open position	400					OK	
2	3W78380	CC3055-10		A978	100					OK	
2	3W78381	TH 12/13/22 BSCC3055-10		A978	100			✓	✓	OK	
2	3W78382	BS		A978	100			✓	✓	OK	
TH 3/2	3W78383	BSD		A978	100			✓	✓	OK	
3	3W78384	IB		A2038	100			✓	✓	OK	
3	3W78385	MB		A2038	400					—	
1-4	3W78386	JD56589-1	STD MS64733	A1425	100			✓	✓	OK	
1-4	3W78387	JD56589-10dup	✓	A1925	100	1		✓	✓	OK	
1-5	3W78388	JD56589-2	✓	A1397	100	1		✓	✓	OK	
1-6	3W78389	JD56904-1	✓	A436	20	1		✓	✓	OK	
1-7	3W78390	JD56953-1	STD MS64733	M036	~~400~~ 333	1.49					Proper IS per ICAL
1-8	3W78391	JD56953-2	✓	A1611	100	1					
1-9	3W78392	JD56953-3	✓	A223	100	1					
1-10	3W78393	JD56953-4	✓	A1698	100	1					
1-11	3W78394	JD56953-5	✓	M249	100	1					
1-12	3W78395	JD56992-1	STD MS64733	A1916	100	1					
1-13	3W78396	JD56992-2	✓	A1569	100	1					
1-14	3W78397	JD56993-1	STD MS64733	A1538	100	1					
1-15	3W78398	JD56993-2	✓	A1552	100	1					
1-16	3W78399	JD56955-1	NVSL MS64733	A907	100	1					
2-1	3W78400	JD56955-2	✓	A1528	100	1					
2-2	3W78401	JD56955-3	NVSL MS64733	A1871	500	1					
2-3	3W78402	JD56955-4	✓	M150	500	1					
						TH	12/14/22				

All strikeouts must be initial and dated. Comment is require for anything other than a transcription error.

SGS

TO-15

Batch ID: V6W1125

Date: 10/19/2022

Analyst Signature:

Columns: DB-1: 30m x 0.25mm x 0.5μm

Method: 6WTO15.M

Seq. File: 6W2022 1019.S

Initial Cal. Method: 6W1125.M

AS Data

Method: 6WTO15.T20.A.CD

Standard Data

Lot #	Description	Conc.
AS9620	TO15 LCS (A1805)	40ppbv

Standard Data

Lot #	Description	Conc.
AS9585	IS/SS	100ppbv
AS9618	TO15 LCS (A777)	40ppbv
AS9613	TO15 SD (A1824)	1ppbv
AS9617	TO15 SD (A1794)	40ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature: Date: 10/20/22

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
5	6W26446	BFB		OPEN	400					OK	
1	6W26447	FB		A1824	16					—	
1	6W26448	IC1125-0.04		A1824	16			✓	✓	OK	
1	6W26449	IC1125-0.1		A1824	40			✓	✓	OK	
1	6W26450	IC1125-0.2		A1824	80			✓	✓	OK	
1	6W26451	IC1125-0.5		A1824	200			✓	✓	OK	
2	6W26452	IC1125-0.5		A1794	5					not used	
2	6W26453	IC1125-5		A1794	50			✓	✓	OK	
2	6W26454	IC1125-10		A1794	100			✓	✓	OK	
2	6W26455	IC1125-20		A1794	200			✓	✓	OK	
2	6W26456	IC1125-40		A1794	400			✓	✓	OK	
2	6W26457	IC1125-50		A1794	500			✓	✓	OK	
3	6W26458	IB		A963	20					—	
3	6W26459	IB		A963	400					—	
4	6W26460	ICV1125-10		AS9618	~~400~~ 200	BFB 10/19/22				PM	
3	6W26461	IB		A963	400					—	
5	6W26462	ICV1125-10		A1805	100			✓	✓	OK	

AH 10/20/22

All strikeouts must be initial and dated. Comment is require for anything other than a transcription error.

TO-15

Batch ID: V6W1137

Date: 11/3/22

Analyst Signature:

Columns: DB-1 30mx0.25mmx0.5µm
Method: 6WTO15.M
Seq. File: 6W20221103.S
Initial Cal. Method: M6W1125.M

AS Data

Method: 6WTO15.T2021.CDD

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS9585	Int/surr	100ppbv
AS9624	TO15 STD (A976)	40ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature: Date: 11/8/22

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	~~Int STD~~ Areas	Surr	Status Data	Comments
1-1	6w26822	BFB		NEW POSITION	400					OK	T= 9:04AM
1-2	6w26823	CCV125-10		A976	100			✓	✓	OK	
1-2	6w26824	BS		A976	100			✓	✓	OK	
1-2	6w26825	BSD		A976	100			✓	✓	OK	
2-1	6w26826	IB		A962	100					—	
2-1	6w26827	MB		A962	400					RR	NAP CAN ↑MeCl, ACE, ETOH
2-1	6w26828	MB		A958	400					RR	↑MeCl
2-2	6w26829	MB		A958	400					RR	↑MeCl
2-1	6w26830	MB		A962	400		+	✓	✓	OK	
2-2	6w26831	JD54092-8	SL1 MS63591	A1126	50	1		✓	✓	OK	
2-3	6w26832	JD54092-9	✓	A729	100	1		✓	✓	OK	
2-4	6w26833	JD53652-1	NAP, STD+ MS63088	A1125	100	1	+	✓	✓	OK	
2-4	6w26834	JD53652-1DUP	✓	A1125	100	1	+	✓	✓	OK	
2-5	6w26835	JD53652-2	✓	A526	100	1	+	✓	✓	OK	
2-6	6w26836	JD53651-2	STD+ MS63088	A2067	100	1	+	✓	✓	OK	
2-7	6w26837	JD53651-4	✓	A1911	20	1	+	✓	✓	OK/DL	
2-8	6w26838	JD53651-5	✓	A1957	50	1	+	✓	✓	OK	
2-9	6w26839	JD53715-3	STD MS63122	A807	100	1		✓	✓	OK	
2-10	6w26840	JD53736-1	NAP, TMB MS63293	A794	100	1		✓	✓	OK	
2-11	6w26841	JD54338-1	NYSVOL MS63430	A502	100	1		✓	✓	OK/DL	ETHYL ACETATE + PR 10ml
2-12	6w26842	JD54338-2	✓	A409	148	1.48		✓	✓	OK	
2-13	6w26843	JD54337-4	NAP, STD+ MS63437	A1985	100	1	+	✓	✓	OK	STD+, NAP
2-14	6w26844	JD54337-5	✓	A1940	100	1	+	✓	✓	OK	
2-15	6w26845	JD54342-1	STD MS63437	A1401	50	1		—	—	RR	TOO DILUTE RR=4X
2-16	6w26846	JD54218-1	MS63395	M038	400	1		✓	✓	OK	
2-2	6w26847	JD54218-2	✓	A326	400	1		✓	✓	OK	
2-3	6w26848	JD54423-11	STD+ NAP MS63483	A790	100	1	+	✓	✓	OK	
2-4	6w26849	JD54423-12	✓	A529	100	1	+	✓	✓	OK	
2-5	6w26850	JD54423-14	✓	A420	50	1	+	—	—	RR	TOO DILUTE RR=4X
2-6	6w26851	JD54423-15	✓	A571	50	1	+	—	—	RR	TOO DILUTE RR=4X

All strikeouts must be initial and dated. Comment is require for anything other than a transcription error.

SGS

TO-15

Batch ID: V6W1137 (CONT.)

Date: 11/3/2022

Analyst Signature:

Columns: DB-1: 30m x 0.25mm x 0.5µm
Method: 6WTO15.M
Seq. File: 6W20221103.S
Initial Cal. Method: MCW1125.M

AS Data

Method: 6WTO15:7200A.CTD

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS9585	15155	100 ppbv
AS9624	TO-15 STD (A976)	40 ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature: Date: 11/8/22

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
2-7	6W26852	scc, CP11889		A583	100			✓	✓	OK	
2-8	6W26853	scc, CP11889		A432	100			✓	✓	OK	
2-9	6W26854	scc, CP11922		M180	100			✓	✓	OK	
2-10	6W26855	scc, CP11929		A718	100			✓	✓	OK	
2-11	6W26856	scc, CP11919		A664	400			✓	✓	OK	
2-12	6W26857	scc, CP11914		A1186	400			–	–	RECLEAN	↑ETOH = 2.44 ppbv
2-13	6W26858	scc, CP11916		A1180	400			–	–	RECLEAN	↑ACETONE = 0.35 ppbv
2-14	6W26859	scc, CP11920		A067	400			✓	✓	OK	
2-15	6W26860	scc, CP11923		A1268	400			✓	✓	OK	
2-16	6W26861	scc, CP11924		A1807	400			–	–	RECLEAN	↑CS_2 = 0.21 ppbv

MW 11/4/22

All strikeouts must be initial and dated. Comment is require for anything other than a transcription error.

SGS

TO-15

Batch ID: V6W1141

Analyst Signature:

Date: 11/3/22

Columns: DB-1 30m x 0.25mm x 0.5um
Method: 6WTO15.M
Seq. File: 6W20221107.S
Initial Cal. Method: M6W1125.M

AS Data

Method: 6WTO15, 7200A.cdb

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS9585	Int/Surr.	100ppb
A13824	TO15 STD (A976)	40ppb

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature: Date: 11/11/2022

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
2-3	6W26944	BFB		open port Amb	400					ok	T= 7:38AM
2-2	6W26945	CC1125-10		A976	100			✓	✓	ok	
2-2	6W26946	BS		A976	100			✓	✓	ok	
2-2	6W26947	BSD		A976	100			✓	✓	ok	
2-1	6W26948	IB		A962	100					—	
2-1	6W26949	MB		A962	400			✓	✓	ok	
2-3	6W26950	scc CP11946		A1690	400			✓	✓	ok	
2-4	6W26951	scc CP11941		A1623	400			✓	✓	ok	
2-5	6W26952	scc CP11941		A1312	400			✓	✓	ok	
2-6	6W26953	JD54787-1	STD MS63639	M435	50	1		✓	✓	ok	
2-7	6W26954	JD53706-2	STD MS63127	A1932	5	2.68		—	—	RR	TOO DILUTE AR=20mL
2-8	6W26955	JD53706-1	✓	A928, A527	50	158		✓	✓	OK/DL	
2-9	6W26956	JD53706-2	✓	A1932	20	2.68		✓	✓	ok	
2-10	6W26957	JD54423-13	STD1, NAP MS63483	M450, A1102	400	128	+	✓	✓	ok	
2-10	6W26958	JD54490-11	STD MS63516	A1609	100	1		✓	✓	ok	
2-10	6W26959	JD54490-11DP	✓	A1609	100	1		✓	✓	ok	
2-11	6W26960	JD54490-10	✓	A632	100	1		✓	✓	OK/DL	MeCl2 COMBINE W/ 1ST RUN
2-12	6W26961	JD54490-12	✓	M013	100	1		✓	✓	ok	
2-13	6W26962	JD54551-1	STD MS63537	A519	10	1		✓	✓	OK/DL	
2-14	6W26963	JD54551-2	✓	A399	20	1		✓	✓	OK/DL	
2-15	6W26964	JD54339-2	STD MS63437	A1949	10	1		✓	✓	OK/DL	
2-16	6W26965	JD54657-1	STD MS63597	A1966	20	1.52		✓	✓	OK/DL	
2-3	6W26966	JD53709-1	STD MS63121	A532, M212, A539	100	291600		—	—	RR	TOO DILUTE RR=2mL THIS CAN
2-4	6W26967	JD53709-2	✓	A537, A205, A529	100	291600		—	—	RR	TOO DILUTE RR=2mL THIS CAN
2-5	6W26968	JD53709-3	✓	A530, A236, A626	100	298080		—	—	RR	TOO DILUTE RR=2mL THIS CAN
2-6	6W26969	JD53709-4	✓	A604, A1092	20	2600		✓	✓	OK/DL	OVER CURVE RR=10mL THIS CAN
2-7	6W26970	scc, CP11948		A1209	100			—	—	NG	POSSIBLE C/O
2-7	6W26971	scc, CP11948		A1209	100			✓	✓	ok	
2-8	6W26972	scc, CP11948		M323	100			✓	✓	ok	
2-9	6W26973	scc, CP11948		A1123	100			✓	✓	ok	

All strikeouts must be initial and dated. Comment is require for anything other than a transcription error.

SGS

TO-15

Batch ID: V6W1141 (CONT.)

Analyst Signature:

Date: 11/7/2022

Columns: DB-1: 30m x 0.25mm x 0.5µm
Method: 6WTO15.M
Seq. File: 6W2022 1107.S
Initial Cal. Method: M6W1125.M

AS Data

Method: 6WTO15.720SA.CTD

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS9585	IS/SS	100 ppbv
AS9624	TO15 STD (A976)	40 ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of SGS SOP EQA044.

Supervisor Signature: Date: 11/8/22

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
2-10	6W26974	scc, CP11947	BK 11/7/22	A1749	400			✓	✓	OK	
2-11	6W26975	scc, CP11947		A1473	400			—	—	NOT USING	
~~2-12~~ 2-11	6W26976	scc, CP11947	A1473	~~A1592~~	400			✓	✓	OK	
~~2-13~~ 2-12	6W26977	scc, CP11947	A1592	~~A1695~~	400			✓	✓	OK	
~~2-14~~ 2-13	6W26978	scc, CP11947	A1695	~~A1069~~	400			✓	✓	OK	
~~2-15~~ 2-14	6W26979	scc, CP11947	A1069	~~A1653~~	400			✓	✓	OK	
~~2-16~~ 2-15	6W26980	scc, CP11947	A1653	~~A1594~~	400			✓	✓	OK	
~~2-16~~ 2-16	6W26981	scc, CP11947		A1594	400			✓	✓	OK	
1-3	6W26982	TEST-OVEN		A1773	400					~~OK~~	

TA 11/8/22

All strikeouts must be initial and dated. Comment is require for anything other than a transcription error.

TO-15

Batch ID: V6W1142

Date: 11/8/22

Analyst Signature:

Columns: 2B-1 30m x 0.25mm x 0.5µm

Method: 6W TO15

Seq. File: 6W2022 1108-5

Initial Cal. Method: M6W1125.M

AS Data

Method: 6W TO15.720A.M

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS9588	Int/Surr.	200ppbv
AS9624	TO15 STD (A976)	40ppbv
AS9621	TO15 STD (A179-1)	40ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteri of SGS SOP EQA044.

Supervisor Signature: Date: 12/21/2022

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
2-3	6W26983	BFB		OPEN POSITION	400						T=7:54 AM
2-2	6W26984	CC1125-10		A976	100						MTBE ↓
2-3	6W26985	BFB		OPEN POSITION	400						RETUNE
2-2	6W26986	CC1125-10		A976	100						
2-2	6W26987	CC1125-10		A976	100						MULTIPLE COMPOUNDS ↓
2-3	6W26988	BFB		OPEN POSITION A976	400						RETUNE INSTRUMENT
2-2	6W26989	CC1125-10		A976	100					OK	T=11:50
2-2	6W26990	CC1125-10		A1794	100			-	-	RR	NEW CAN
2-2	6W26991	BS		A1794	100					OK	MULTIPLE COMPOUNDS ↑
2-2	6W26992	BSD		A1794	100					OK	MULTIPLE COMPOUNDS ↑
2-1	6W26993	IB		A962	100					OK	MULTIPLE COMPOUNDS ↑
2-1	6W26994	MB		A962	400			-	-	-	
2-1	6W26995	MB		A962	400			-	-	RR	METOH, MCL
2-3	6W26996	Scc, CP11951	STD WSG5483	A1815	400					OK	
2-4	6W26997	Scc, CP11924		A1807	400			-	-	NG	RET = 0.15ppbv
2-5	6W26998	Scc, CP11914		A1186	400					OK	
2-6	6W26999	Scc, CP11918		M214	400					OK	
2-7	6W27000	Scc, CP11952		A1779	400					OK	
2-8	6W27001	Scc, CP11938		A1906	100					OK	
2-9	6W27002	Scc, CP11938		A1917	100					OK	
2-10	6W27003	Scc, CP11938		A525	100					OK	
2-11	6W27004	Scc, CP11936		A1385	100					OK	
2-12	6W27005	Scc, CP11936		A1998	100					OK	
2-13	6W27006	Scc, CP11936		A544	100					OK	
2-14	6W27007	Scc, CP11940		A1419	100					OK	
2-15	6W27008	Scc, CP11940		A1509	100			-	-	NG	IPA = 0.24 ppbv
2-16	6W27009	Scc, CP11940		A1445	100					OK	
1-1	6W27010	Scc, CP11916		A1180	400					OK	
1-2	6W27011	Scc, CP11930		M014	400					OK	
1-3	6W27012	Scc, CP11935		A352	400					OK	
								-	-	-	VALVE CLOSED

All strikeouts must be initial and dated. Comment is require for anything other than a transcription error.

SGS

TO-15

Batch ID: V6W1142 (CONT)

Date: 11/8/2022

Analyst Signature:

Columns: DB1: 30m x 0.25mm x 0.25µm

Method: GWTO15.

Seq. File: 6W2022 1108.S

Initial Cal. Method: M6W1125.M

AS Data

Method: 6WTO15.720A.CTD

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS825	1515	100ppbv
AS9624	TO15 STD (A97C)	40ppbv
AS9621	TO15 STD (A1794)	40ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criter of SGS SOP EQA044.

Supervisor Signature: Date: 12/21/2022

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
1-4	6W27013	scc, CP11935		A1790	400			✓	✓	OK	
1-5	6W27014	scc, CP11935		A1852	400			✓	✓	OK	
1-6	6W27015	scc, CP11935		A2018	400			✓	✓	OK	
1-7	6W27016	scc, CP11949		A1715	400			✓	✓	OK	
1-8	6W27017	scc, CP11949		A1584	400			✓	✓	OK	
1-9	6W27018	scc, CP11949		M168	400			✓	✓	OK	
1-10	6W27019	scc, CP11920		A774	400			-	-	NG	ACETONE=2.0%
1-11	6W27020	scc, CP11920		A264	400			-	-	NG	ACETONE↑ MEK↑
1-12	6W27021	scc, CP11949		A1349	400			✓	✓	OK	
1-13	6W27022	scc, CP11933		A1588	400			-	-	NG	CS_2↑ = 0.13ppbv
1-14	6W27023	scc, CP11933		A1661	400			-	-	NG	CS_2↑= 0.13ppbv
1-15	6W27024	scc, CP11933		M064	400			-	-	NG	CS_2↑= 0.13ppbv
1-16	6W27025	scc, CP11933		A1196	400			-	-	NG	CS_2↑=0.12ppbv

WC 11/9/22

All strikeouts must be initial and dated. Comment is require for anything other than a transcription error.

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SESI Consulting Engineers

100 Main Steet, White Plains, NY

12461

SGS Job Number: JD56962R

Sampling Date: 12/09/22



Report to:

SESI Consulting Engineers
959 Route 46E 3rd Floor
Parsippany, NJ 07054
ssg@sesi.org; jcs@sesi.org

ATTN: Steve Gustems

Total number of pages in report: 245

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

David Chastain
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA(68-00408), RI, SC, TX, UT, VA, WV

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EHS.US.CustomerCare@sgs.com

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SGS North America Inc.

Sample Summary

SESI Consulting Engineers

Job No: JD56962R

100 Main Steet, White Plains, NY
Project No: 12461

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD56962-2R	12/09/22	09:32	SWG	12/09/22	SO	Soil	SB-13(4-4.5')

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	SESI Consulting Engineers	**Job No:**	JD56962R
Site:	100 Main Steet, White Plains, NY	**Report Date**	1/19/2023 2:58:00 PM

On 12/09/2022, 1 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. at a maximum corrected temperature of 2.5 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. Job Number of JD56962R was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Compounds qualified as out of range in the continuing calibration summary report are acceptable as per method requirements when there is a high bias but the sample result is non-detect.

Metals Analysis By Method SW846 6010D

Matrix: LEACHATE **Batch ID:** MP37450

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD58550-2AMS, JD58550-2AMSD, JD58550-2ASDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Lead are outside control limits for sample MP37450-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

SGS North America Inc. certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS North America Inc. is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by SGS North America Inc indicated via signature on the report cover

Summary of Hits

Job Number: JD56962R
Account: SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY
Collected: 12/09/22

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD56962-2R	**SB-13(4-4.5')**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SB-13(4-4.5')		
Lab Sample ID:	JD56962-2R	**Date Sampled:**	12/09/22
Matrix:	SO - Soil	**Date Received:**	12/09/22
		Percent Solids:	83.0
Project:	100 Main Steet, White Plains, NY		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 0.10	D008	5.0	0.10	mg/l	1	01/16/23	01/17/23	ND	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA53601
(2) Prep QC Batch: MP37450

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 7/1/11)

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody

SO
GW
TB

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking #: | Bottle Order Control #: 1177280
SGS Quote #: | SGS Job #: JD56962

Client / Reporting Information

Company Name: SESI
Street Address: 959 Rt 46E
City: Parsippany State: NJ Zip:
Project Contact: Jon Stuart E-mail: jes@sesiny.com
Phone #: 973 808 9050
Sampler(s) Name(s): Shannon Grogan Phone #:

Project Information

Project Name: 100 Main Street White Plains NY
Street: 100 Main St. NY
City: White Plains State:
Project #: 12461
Client Purchase Order #:
Project Manager: Jon Stuart
Attention:

Billing Information (If different from Report to)

Company Name: Renaissance Gallery Environmental Management LLC
Street Address:
City: State: Zip:

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	MeOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	TAL/TAL+30	1,4-Dioxane	PFAS 1633	VOCs	pH Check (Lab Use Only)	LAB USE ONLY
1	SB-11 (5-5.5')	•	12/9/2022	1005	SWG	G	/	S	6									X	X	X			DB
2	~~SB-12 (4-4.5')~~ SB-13 (4-4.5)	•		0932				S	6									X	X	X			SUB
3	SB-13 (2.5-3')	•		0941				S	6									X	X	X	SWG		PAS
4	GW-1			1235				GW	12	3	X	1X						X	X	X	X		ENCORE 1463 9HL
5	TB-20221209								2	2											X		

Turn Around Time (Business Days)

Approved By (SGS PM) / Date:

- [ ] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [x] Other Standard

All data available via SGS Engage

* Approval needed for 1-3 BD TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [x] EDD Format NYEDD

3x5 encores

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Billing Information Manager Approval
Lab Verification

SGS COURIER

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1 Shannon Grogan	1630	1	2	12/9/22 18:34	2
3		3	4		4
5		5	Custody Seal #	Intact / Not intact / Absent	Therm ID: See Sample Receipt Summary; Office; Cooler Temp. °C: 2.5°C

EHSA-QAC-0023-05 Rev.Date:8/5/22

JD56962R: Chain of Custody
Page 1 of 3

SGS Sample Receipt Summary

Job Number: JD56962 **Client:** SESI CONSULTING ENGINEERS **Project:** 100 MAIN STEET, WHITE PLAINS, NY

Date / Time Received: 12/9/2022 6:34:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.5);

Cooler Temps (Corrected) °C: Cooler 1: (2.5);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Job Change Order: JD56962

Requested Date:	1/12/2023	**Received Date:**	12/9/2022
Account Name:	SESI Consulting Engineers	**Due Date:**	1/12/2023
Project Description:	100 Main Steet, White Plains, NY	**Deliverable:**	NYASPB
C/O Initiated By:	KELLY.RAM **PM:** KR	**TAT (Days):**	4

==========

Sample #: JD56962-2 **Dept:**

Change: Relog per TCLPE, EPB

==========

Above Changes Per: Jon Stuart **Date/Time:** 1/12/2023

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 1 of 1

JD56962R: Chain of Custody
Page 3 of 3

Internal Sample Tracking Chronicle

SESI Consulting Engineers

Job No: JD56962R

100 Main Steet, White Plains, NY
Project No: 12461

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD56962-2R	Collected: 09-DEC-22 09:32 By: SWG			Received: 09-DEC-22 By: JR		
SB-13(4-4.5')						
JD56962-2R	SW846 6010D	17-JAN-23 09:50	ND	16-JAN-23	SF	EPB

SGS Internal Chain of Custody

Job Number: JD56962R
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY
Received: 12/09/22

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD56962-2.1	Aminata Sillah	Secured Storage	12/09/22 23:35	Return to Storage
JD56962-2.1	Secured Storage	Todd Shoemaker	12/12/22 10:16	Retrieve from Storage
JD56962-2.1	Todd Shoemaker	Secured Staging Area	12/12/22 10:16	Return to Storage
JD56962-2.1	Secured Staging Area	Renuka Patel	12/12/22 11:08	Retrieve from Storage
JD56962-2.1	Renuka Patel	Secured Storage	12/12/22 16:40	Return to Storage
JD56962-2.1	Secured Storage	Ellen Dondeo	12/15/22 05:03	Retrieve from Storage
JD56962-2.1	Ellen Dondeo	Secured Storage	12/15/22 21:46	Return to Storage
JD56962-2.1	Secured Storage	Todd Shoemaker	01/13/23 13:44	Retrieve from Storage
JD56962-2.1	Todd Shoemaker	Secured Staging Area	01/13/23 13:44	Return to Storage
JD56962-2.1	Secured Staging Area	Noah Fite	01/13/23 14:23	Retrieve from Storage
JD56962-2.1	Noah Fite	Secured Storage	01/13/23 15:01	Return to Storage
JD56962-2.1.1	Ellen Dondeo	Organics Prep	12/15/22 13:09	Extract from JD56962-2.1
JD56962-2.1.1	Organics Prep	Alejandra Cruz	12/16/22 03:17	Extract from JD56962-2.1
JD56962-2.1.1	Alejandra Cruz	Extract Storage	12/16/22 03:17	Return to Storage
JD56962-2.1.1	Extract Storage	Christine Phillips	12/16/22 05:30	Retrieve from Storage
JD56962-2.1.1	Christine Phillips	GC4G	12/16/22 05:30	Load on Instrument
JD56962-2.1.2	Ellen Dondeo	Organics Prep	12/15/22 13:10	Extract from JD56962-2.1
JD56962-2.1.2	Organics Prep	Alejandra Cruz	12/16/22 03:18	Extract from JD56962-2.1
JD56962-2.1.2	Alejandra Cruz	Extract Storage	12/16/22 03:18	Return to Storage
JD56962-2.1.2	Extract Storage	Mahalia Lercius Ceus	12/16/22 11:29	Retrieve from Storage
JD56962-2.1.2	Mahalia Lercius Ceus	GCRL	12/16/22 11:29	Load on Instrument
JD56962-2.1.2	GCRL	Rebecca Krug	01/18/23 22:06	Unload from Instrument
JD56962-2.1.2	Rebecca Krug	Extract Freezer	01/18/23 22:06	Return to Storage
JD56962-2.1.3	Noah Fite	TCLP	01/13/23 14:23	Leachate from JD56962-2.1
JD56962-2.1.3	TCLP	Danny Argudo	01/14/23 12:00	Leachate from JD56962-2.1
JD56962-2.1.3	Danny Argudo	Secured Storage	01/14/23 12:44	Return to Storage
JD56962-2.1.4	TCLP	Danny Argudo	01/14/23 12:00	Leachate from JD56962-2.1
JD56962-2.1.4	Danny Argudo	Secured Storage	01/14/23 12:44	Return to Storage
JD56962-2.2	Epiphania Njoku	Secured Storage	12/09/22 23:59	Return to Storage
JD56962-2.2 SUB	Edward Carpenter		12/12/22 15:56	Subcontract
JD56962-2.3	Aminata Sillah	Secured Storage	12/09/22 23:50	Return to Storage
JD56962-2.3	Secured Storage	Lauren Matthews	12/12/22 11:08	Retrieve from Storage
JD56962-2.3	Lauren Matthews	Secured Storage	12/12/22 16:55	Return to Storage
JD56962-2.3	Secured Storage	John Azer	12/13/22 12:11	Retrieve from Storage
JD56962-2.3	John Azer	Secured Storage	12/13/22 12:37	Return to Storage
JD56962-2.3	Secured Storage	Dave Hunkele	12/14/22 09:29	Retrieve from Storage
JD56962-2.3	Dave Hunkele	Secured Staging Area	12/14/22 09:29	Return to Storage

SGS Internal Chain of Custody

Job Number: JD56962R
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY
Received: 12/09/22

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JD56962-2.3	Secured Staging Area	Mahendra Patel	12/14/22 11:11	Retrieve from Storage
JD56962-2.3	Mahendra Patel	Secured Storage	12/14/22 18:43	Return to Storage
JD56962-2.3.1	John Azer	Metals Digestion	12/13/22 12:18	Digestate from JD56962-2.3
JD56962-2.3.1	Metals Digestion	John Azer	12/13/22 12:18	Digestate from JD56962-2.3
JD56962-2.3.1	John Azer	Metals Digestate Storage	12/13/22 12:18	Return to Storage
JD56962-2.4	Secured Storage	Naomi Baxter	12/10/22 07:01	Retrieve from Storage
JD56962-2.4	Naomi Baxter		12/10/22 07:01	Depleted
JD56962-2.5	Naomi Baxter	Secured Storage	12/10/22 07:02	Return to Storage
JD56962-2.6	Naomi Baxter	Secured Storage	12/10/22 07:02	Return to Storage
JD56962-2.6	Secured Storage	Prashant Shukla	12/15/22 16:44	Retrieve from Storage
JD56962-2.6	Prashant Shukla	GCMS1C	12/15/22 16:44	Load on Instrument
JD56962-2.6	GCMS1C	Chorngli Lee	12/19/22 10:15	Unload from Instrument
JD56962-2.6	Chorngli Lee		12/19/22 10:16	Depleted
JD56962-2.7	Naomi Baxter	Secured Storage	12/10/22 07:02	Return to Storage
JD56962-2.7	Secured Storage	Prashant Shukla	12/15/22 13:04	Retrieve from Storage
JD56962-2.7	Prashant Shukla	GCMS1C	12/15/22 13:04	Load on Instrument
JD56962-2.7	GCMS1C	Chorngli Lee	12/19/22 10:15	Unload from Instrument
JD56962-2.7	Chorngli Lee		12/19/22 10:16	Depleted

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Instrument Runlogs
- Initial and Continuing Calibration Blanks
- Initial and Continuing Calibration Checks
- High and Low Check Standards
- Interfering Element Check Standards
- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries
- IDL and Linear Range Summaries

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:24	MA53601-STD1	1		STDA
11:29	MA53601-STD2	1		STDB
11:34	MA53601-ICV1	1		
11:42	MA53601-ICB1	1		
11:47	MA53601-CCV1	1		
11:52	MA53601-CCB1	1		
11:57	MA53601-CRI1	1		
12:02	MA53601-CRID1	1		
12:08	MA53601-ICSA1	1		
12:13	MA53601-ICSAB1	1		
12:18	MA53601-HSTD1	1		
12:24	MA53601-HSTD2	1		
12:29	ZZZZZZ	1		
12:34	ZZZZZZ	1		
12:39	ZZZZZZ	1		
12:44	MA53601-CCV2	1		
12:49	MA53601-CCB2	1		
12:54	MA53601-CRI2	1		
13:00	MA53601-CRID2	1		
13:05	MP37422-MB1	1		
13:10	MP37422-B1	1		
13:15	MP37422-S1	1		Ca high
13:20	MP37422-S2	1		Ca high
13:25	JD58609-20	1		(sample used for QC only; not part of login JD56962R)
13:30	MP37422-SD1	5		Ca high
13:35	MP37422-PS1	1		
13:40	MA53601-CCV3	1		
13:46	MA53601-CCB3	1		
13:52	ZZZZZZ	1		
13:57	ZZZZZZ	1		
14:02	ZZZZZZ	1		
14:07	ZZZZZZ	1		
14:12	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
14:17	ZZZZZZ	1		
14:22	ZZZZZZ	1		
14:27	ZZZZZZ	1		
14:32	ZZZZZZ	1		
14:37	MA53601-CCV4	1		
14:42	MA53601-CCB4	1		
14:47	ZZZZZZ	1		
14:52	ZZZZZZ	1		
14:57	ZZZZZZ	1		
15:02	ZZZZZZ	1		
15:07	ZZZZZZ	1		
15:13	ZZZZZZ	1		
15:18	ZZZZZZ	1		
15:23	ZZZZZZ	1		
15:28	ZZZZZZ	1		
15:33	ZZZZZZ	1		
15:38	MA53601-CCV5	1		
15:43	MA53601-CCB5	1		
15:48	MP37424-MB1	1		
15:53	MP37424-B1	1		
15:58	MP37424-S1	1		
16:03	MP37424-S2	1		
16:08	JD58618-3	1		(sample used for QC only; not part of login JD56962R)
16:13	MP37424-SD1	5		
16:18	ZZZZZZ	1		
16:23	ZZZZZZ	1		
16:28	ZZZZZZ	1		
16:34	MA53601-CCV6	1		
16:39	MA53601-CCB6	1		
16:44	ZZZZZZ	1		
16:49	ZZZZZZ	1		
16:54	ZZZZZZ	1		
16:59	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
17:05	ZZZZZZ	1		
17:10	ZZZZZZ	1		
17:15	ZZZZZZ	1		
17:20	ZZZZZZ	1		
17:25	ZZZZZZ	1		
17:30	ZZZZZZ	1		
17:36	MA53601-CCV7	1		
17:40	MA53601-CCB7	1		
17:46	MP37276-MB1	1		
17:51	ZZZZZZ	1		
17:56	ZZZZZZ	1		
18:01	MP37407-S1	5		
18:06	MP37407-S2	5		
18:11	JD58561-2	5		(sample used for QC only; not part of login JD56962R)
18:16	MP37407-SD1	25		
18:21	ZZZZZZ	5		
18:26	ZZZZZZ	1		
18:31	MA53601-CCV8	1		
18:36	MA53601-CCB8	1		
18:41	ZZZZZZ	1		
18:46	MP37400-S1	5		
18:51	MP37400-S2	5		
18:56	JD58498-11	5		(sample used for QC only; not part of login JD56962R)
19:01	MP37400-SD1	25		
19:06	MP37400-PS1	5		
19:11	ZZZZZZ	5		
19:17	ZZZZZZ	5		
19:22	ZZZZZZ	2		
19:27	MA53601-CCV9	1		
19:32	MA53601-CCB9	1		
19:37	ZZZZZZ	2		
19:42	ZZZZZZ	2		
19:47	ZZZZZZ	2		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
19:52	ZZZZZZ	2		
19:57	ZZZZZZ	2		
20:02	ZZZZZZ	2		
20:07	ZZZZZZ	2		
20:12	ZZZZZZ	2		
20:17	MA53601-CCV10	1		
20:22	MA53601-CCB10	1		
20:27	MP37398-MB1	1		
20:32	MP37398-B1	1		
20:37	MP37398-S1	1		
20:42	MP37398-S2	1		
20:47	JD58263-8	1		(sample used for QC only; not part of login JD56962R)
20:52	MP37398-SD1	5		
20:57	ZZZZZZ	1		
21:02	ZZZZZZ	1		
21:08	ZZZZZZ	1		
21:13	ZZZZZZ	1		
21:18	MA53601-CCV11	1		
21:23	MA53601-CCB11	1		
21:28	ZZZZZZ	1		
21:33	ZZZZZZ	1		
21:38	ZZZZZZ	1		
21:43	ZZZZZZ	1		
21:48	ZZZZZZ	1		
21:54	ZZZZZZ	1		
21:59	ZZZZZZ	1		
22:04	ZZZZZZ	1		
22:09	ZZZZZZ	1		
22:14	MA53601-CCV12	1		
22:19	MA53601-CCB12	1		
22:24	ZZZZZZ	1		
22:30	MP37414-MB1	1		
22:35	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
22:40	ZZZZZZ	1		
22:45	ZZZZZZ	1		
22:50	MA53601-CCV13	1		
22:55	MA53601-CCB13	1		
23:01	MP37446-MB1	1		
23:06	MP37446-B1	1		
23:11	MP37446-S1	1		Needs post spike for Sb
23:16	MP37446-S2	1		
23:21	JD58693-21	1		(sample used for QC only; not part of login JD56962R)
23:26	MP37446-SD1	5		
23:31	ZZZZZZ	1		
23:36	ZZZZZZ	1		
23:41	ZZZZZZ	1		
23:46	MA53601-CCV14	1		
23:51	MA53601-CCB14	1		
23:57	ZZZZZZ	1		
00:02	ZZZZZZ	1		
00:07	ZZZZZZ	1		
00:12	ZZZZZZ	1		
00:18	ZZZZZZ	1		
00:23	ZZZZZZ	1		
00:28	ZZZZZZ	1		
00:33	ZZZZZZ	1		
00:38	MA53601-CCV15	1		
00:43	MA53601-CCB15	1		
00:48	ZZZZZZ	1		
00:53	ZZZZZZ	1		
00:59	ZZZZZZ	1		
01:04	ZZZZZZ	1		
01:09	ZZZZZZ	1		
01:14	ZZZZZZ	1		
01:19	ZZZZZZ	1		
01:24	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
01:29	MA53601-CCV16	1		
01:34	MA53601-CCB16	1		
01:39	MP37435-MB1	1		
01:44	MP37435-B1	1		
01:49	MP37435-S1	1		Needs post spike for SE
01:54	MP37435-S2	1		
01:59	JD58642-8	1		(sample used for QC only; not part of login JD56962R)
02:04	MP37435-SD1	5		
02:10	ZZZZZZ	1		
02:15	ZZZZZZ	1		
02:20	ZZZZZZ	1		
02:25	ZZZZZZ	1		
02:30	MA53601-CCV17	1		
02:35	MA53601-CCB17	1		
02:40	ZZZZZZ	1		
02:46	ZZZZZZ	1		
02:51	ZZZZZZ	1		
02:56	ZZZZZZ	1		
03:01	ZZZZZZ	1		
03:06	ZZZZZZ	1		
03:12	ZZZZZZ	1		
03:17	ZZZZZZ	1		
03:22	ZZZZZZ	1		
03:27	MA53601-CCV18	1		
03:32	MA53601-CCB18	1		
03:37	MP37430-MB1	1		
03:43	MP37430-B1	1		
03:47	MP37430-S1	1		Ca high. Needs post spike for Sb
03:53	MP37430-S2	1		Ca high
03:58	JD58561-5	1		(sample used for QC only; not part of login JD56962R)
04:03	MP37430-SD1	5		Ca high
04:08	ZZZZZZ	1		
04:13	ZZZZZZ	1		

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
04:18	ZZZZZZ	1		
04:23	MA53601-CCV19	1		
04:28	MA53601-CCB19	1		
04:33	ZZZZZZ	1		
04:39	ZZZZZZ	1		
04:44	ZZZZZZ	1		
04:49	ZZZZZZ	1		
04:54	ZZZZZZ	1		
04:59	ZZZZZZ	1		
05:04	ZZZZZZ	1		
05:09	ZZZZZZ	1		
05:14	MA53601-CCV20	1		
05:19	MA53601-CCB20	1		
05:24	ZZZZZZ	1		
05:30	ZZZZZZ	1		
05:35	ZZZZZZ	1		
05:40	ZZZZZZ	1		
05:45	ZZZZZZ	1		
05:50	ZZZZZZ	1		
05:55	MA53601-CCV21	1		
06:00	MA53601-CCB21	1		
06:05	MP37431-MB1	1		
06:10	MP37431-B1	1		
06:15	MP37431-S1	1		Ca high. Needs post spike for Sb
06:20	MP37431-S2	1		Ca high
06:25	JD58561-6	1		(sample used for QC only; not part of login JD56962R)
06:31	MP37431-SD1	5		Ca high
06:36	MP37432-B1	1		
06:40	MP37432-MB1	1		
06:46	MP37432-S1	1		Ca high
06:51	MA53601-CCV22	1		
06:56	MA53601-CCB22	1		
07:01	MP37432-S2	1		Ca high

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
07:06	JD58578-1	1		(sample used for QC only; not part of login JD56962R)
07:11	MP37432-SD1	5		Ca high
07:16	MP37432-PS1	1		
07:22	ZZZZZZ	1		
07:27	ZZZZZZ	1		
07:32	ZZZZZZ	1		
07:37	ZZZZZZ	1		
07:42	ZZZZZZ	1		
07:47	MA53601-CCV23	1		
07:52	MA53601-CCB23	1		
07:58	ZZZZZZ	1		
08:03	ZZZZZZ	1		
08:08	ZZZZZZ	1		
08:13	ZZZZZZ	1		
08:18	ZZZZZZ	2		
08:23	ZZZZZZ	2		
08:28	ZZZZZZ	2		
08:33	MP37450-MB1	1		
08:38	MP37450-LB1	1		
08:44	MA53601-CCV24	1		
08:49	MA53601-CCB24	1		
08:54	MP37450-B1	1		
08:59	MP37450-LS1	1		
09:04	MP37450-S1	1		
09:09	MP37450-S2	1		
09:14	JD58550-2A	1		(sample used for QC only; not part of login JD56962R)
09:19	MP37450-SD1	5		
09:24	ZZZZZZ	1		
09:29	ZZZZZZ	1		
09:35	ZZZZZZ	1		
09:40	MA53601-CCV25	1		
09:45	MA53601-CCB25	1		
09:50	JD56962-2R	1		

----------> Last reportable sample/prep for job JD56962R

SGS Instrument Runlog
Inorganics Analyses

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
09:55	ZZZZZZ	1		
10:01	MP37435-S1	5		
10:06	MP37435-S2	5		
10:11	JD58642-8	5		(sample used for QC only; not part of login JD56962R)
10:16	MP37435-SD1	25		
10:21	ZZZZZZ	1		
10:26	ZZZZZZ	1		
10:31	ZZZZZZ	1		
10:36	MA53601-CCV26	1		
10:41	MA53601-CCB26	1		

----------> Last reportable CCB for job JD56962R
Refer to raw data for calibration curve and standards.

REPORTED ELEMENTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Element: Dilution	P b	
11:34	MA53601-ICV1	1	X	
11:42	MA53601-ICB1	1	X	
11:47	MA53601-CCV1	1	X	
11:52	MA53601-CCB1	1	X	
11:57	MA53601-CRI1	1		
12:02	MA53601-CRID1	1		
12:08	MA53601-ICSA1	1	X	
12:13	MA53601-ICSAB1	1	X	
12:18	MA53601-HSTD1	1	X	
12:24	MA53601-HSTD2	1	X	
12:29	ZZZZZZ	1		
12:34	ZZZZZZ	1		
12:39	ZZZZZZ	1		
12:44	MA53601-CCV2	1	X	
12:49	MA53601-CCB2	1	X	
12:54	MA53601-CRI2	1	X	
13:00	MA53601-CRID2	1	X	
13:05	MP37422-MB1	1	X	
13:10	MP37422-B1	1	X	
13:15	MP37422-S1	1	X	
13:20	MP37422-S2	1	X	
13:25	JD58609-20	1	X	(a)
13:30	MP37422-SD1	5	X	
13:35	MP37422-PS1	1		
13:40	MA53601-CCV3	1	X	
13:46	MA53601-CCB3	1	X	
13:52	ZZZZZZ	1		
13:57	ZZZZZZ	1		
14:02	ZZZZZZ	1		
14:07	ZZZZZZ	1		
14:12	ZZZZZZ	1		
14:17	ZZZZZZ	1		
14:22	ZZZZZZ	1		
		Element:	P b	

REPORTED ELEMENTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Element: Dilution	P b	
14:27	ZZZZZZ	1		
14:32	ZZZZZZ	1		
14:37	MA53601-CCV4	1	X	
14:42	MA53601-CCB4	1	X	
14:47	ZZZZZZ	1		
14:52	ZZZZZZ	1		
14:57	ZZZZZZ	1		
15:02	ZZZZZZ	1		
15:07	ZZZZZZ	1		
15:13	ZZZZZZ	1		
15:18	ZZZZZZ	1		
15:23	ZZZZZZ	1		
15:28	ZZZZZZ	1		
15:33	ZZZZZZ	1		
15:38	MA53601-CCV5	1	X	
15:43	MA53601-CCB5	1	X	
15:48	MP37424-MB1	1	X	
15:53	MP37424-B1	1	X	
15:58	MP37424-S1	1	X	
16:03	MP37424-S2	1	X	
16:08	JD58618-3	1	X	(a)
16:13	MP37424-SD1	5	X	
16:18	ZZZZZZ	1		
16:23	ZZZZZZ	1		
16:28	ZZZZZZ	1		
16:34	MA53601-CCV6	1	X	
16:39	MA53601-CCB6	1	X	
16:44	ZZZZZZ	1		
16:49	ZZZZZZ	1		
16:54	ZZZZZZ	1		
16:59	ZZZZZZ	1		
17:05	ZZZZZZ	1		
17:10	ZZZZZZ	1		
		Element:	P b	

REPORTED ELEMENTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Element: Dilution	P b	
17:15	ZZZZZZ	1		
17:20	ZZZZZZ	1		
17:25	ZZZZZZ	1		
17:30	ZZZZZZ	1		
17:36	MA53601-CCV7	1	X	
17:40	MA53601-CCB7	1	X	
17:46	MP37276-MB1	1	X	
17:51	ZZZZZZ	1		
17:56	ZZZZZZ	1		
18:01	MP37407-S1	5	X	
18:06	MP37407-S2	5	X	
18:11	JD58561-2	5	X	(a)
18:16	MP37407-SD1	25	X	
18:21	ZZZZZZ	5		
18:26	ZZZZZZ	1		
18:31	MA53601-CCV8	1	X	
18:36	MA53601-CCB8	1	X	
18:41	ZZZZZZ	1		
18:46	MP37400-S1	5	X	
18:51	MP37400-S2	5	X	
18:56	JD58498-11	5	X	(a)
19:01	MP37400-SD1	25	X	
19:06	MP37400-PS1	5		
19:11	ZZZZZZ	5		
19:17	ZZZZZZ	5		
19:22	ZZZZZZ	2		
19:27	MA53601-CCV9	1	X	
19:32	MA53601-CCB9	1	X	
19:37	ZZZZZZ	2		
19:42	ZZZZZZ	2		
19:47	ZZZZZZ	2		
19:52	ZZZZZZ	2		
19:57	ZZZZZZ	2		
		Element:	P b	

REPORTED ELEMENTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Element: Dilution	P b	
20:02	ZZZZZZ	2		
20:07	ZZZZZZ	2		
20:12	ZZZZZZ	2		
20:17	MA53601-CCV10	1	X	
20:22	MA53601-CCB10	1	X	
20:27	MP37398-MB1	1	X	
20:32	MP37398-B1	1	X	
20:37	MP37398-S1	1	X	
20:42	MP37398-S2	1	X	
20:47	JD58263-8	1		(a)
20:52	MP37398-SD1	5	X	
20:57	ZZZZZZ	1		
21:02	ZZZZZZ	1		
21:08	ZZZZZZ	1		
21:13	ZZZZZZ	1		
21:18	MA53601-CCV11	1	X	
21:23	MA53601-CCB11	1	X	
21:28	ZZZZZZ	1		
21:33	ZZZZZZ	1		
21:38	ZZZZZZ	1		
21:43	ZZZZZZ	1		
21:48	ZZZZZZ	1		
21:54	ZZZZZZ	1		
21:59	ZZZZZZ	1		
22:04	ZZZZZZ	1		
22:09	ZZZZZZ	1		
22:14	MA53601-CCV12	1	X	
22:19	MA53601-CCB12	1	X	
22:24	ZZZZZZ	1		
22:30	MP37414-MB1	1		
22:35	ZZZZZZ	1		
22:40	ZZZZZZ	1		
22:45	ZZZZZZ	1		
		Element:	P b	

REPORTED ELEMENTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Element: Dilution	P b	
22:50	MA53601-CCV13	1	X	
22:55	MA53601-CCB13	1	X	
23:01	MP37446-MB1	1	X	
23:06	MP37446-B1	1	X	
23:11	MP37446-S1	1	X	
23:16	MP37446-S2	1	X	
23:21	JD58693-21	1	X	(a)
23:26	MP37446-SD1	5	X	
23:31	ZZZZZZ	1		
23:36	ZZZZZZ	1		
23:41	ZZZZZZ	1		
23:46	MA53601-CCV14	1	X	
23:51	MA53601-CCB14	1	X	
23:57	ZZZZZZ	1		
00:02	ZZZZZZ	1		
00:07	ZZZZZZ	1		
00:12	ZZZZZZ	1		
00:18	ZZZZZZ	1		
00:23	ZZZZZZ	1		
00:28	ZZZZZZ	1		
00:33	ZZZZZZ	1		
00:38	MA53601-CCV15	1	X	
00:43	MA53601-CCB15	1	X	
00:48	ZZZZZZ	1		
00:53	ZZZZZZ	1		
00:59	ZZZZZZ	1		
01:04	ZZZZZZ	1		
01:09	ZZZZZZ	1		
01:14	ZZZZZZ	1		
01:19	ZZZZZZ	1		
01:24	ZZZZZZ	1		
01:29	MA53601-CCV16	1	X	
01:34	MA53601-CCB16	1	X	
		Element:	P b	

REPORTED ELEMENTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Element: Dilution	P b	
01:39	MP37435-MB1	1	X	
01:44	MP37435-B1	1	X	
01:49	MP37435-S1	1		
01:54	MP37435-S2	1		
01:59	JD58642-8	1		(a)
02:04	MP37435-SD1	5	X	
02:10	ZZZZZZ	1		
02:15	ZZZZZZ	1		
02:20	ZZZZZZ	1		
02:25	ZZZZZZ	1		
02:30	MA53601-CCV17	1	X	
02:35	MA53601-CCB17	1	X	
02:40	ZZZZZZ	1		
02:46	ZZZZZZ	1		
02:51	ZZZZZZ	1		
02:56	ZZZZZZ	1		
03:01	ZZZZZZ	1		
03:06	ZZZZZZ	1		
03:12	ZZZZZZ	1		
03:17	ZZZZZZ	1		
03:22	ZZZZZZ	1		
03:27	MA53601-CCV18	1	X	
03:32	MA53601-CCB18	1	X	
03:37	MP37430-MB1	1	X	
03:43	MP37430-B1	1	X	
03:47	MP37430-S1	1	X	
03:53	MP37430-S2	1	X	
03:58	JD58561-5	1	X	(a)
04:03	MP37430-SD1	5	X	
04:08	ZZZZZZ	1		
04:13	ZZZZZZ	1		
04:18	ZZZZZZ	1		
04:23	MA53601-CCV19	1	X	
		Element:	P b	

REPORTED ELEMENTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Element: Dilution	P b	
04:28	MA53601-CCB19	1	X	
04:33	ZZZZZZ	1		
04:39	ZZZZZZ	1		
04:44	ZZZZZZ	1		
04:49	ZZZZZZ	1		
04:54	ZZZZZZ	1		
04:59	ZZZZZZ	1		
05:04	ZZZZZZ	1		
05:09	ZZZZZZ	1		
05:14	MA53601-CCV20	1	X	
05:19	MA53601-CCB20	1	X	
05:24	ZZZZZZ	1		
05:30	ZZZZZZ	1		
05:35	ZZZZZZ	1		
05:40	ZZZZZZ	1		
05:45	ZZZZZZ	1		
05:50	ZZZZZZ	1		
05:55	MA53601-CCV21	1	X	
06:00	MA53601-CCB21	1	X	
06:05	MP37431-MB1	1	X	
06:10	MP37431-B1	1	X	
06:15	MP37431-S1	1	X	
06:20	MP37431-S2	1	X	
06:25	JD58561-6	1	X	(a)
06:31	MP37431-SD1	5	X	
06:36	MP37432-B1	1	X	
06:40	MP37432-MB1	1	X	
06:46	MP37432-S1	1	X	
06:51	MA53601-CCV22	1	X	
06:56	MA53601-CCB22	1	X	
07:01	MP37432-S2	1	X	
07:06	JD58578-1	1	X	(a)
07:11	MP37432-SD1	5	X	
		Element:	P b	

REPORTED ELEMENTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Element: Dilution	P b	
07:16	MP37432-PS1	1		
07:22	ZZZZZZ	1		
07:27	ZZZZZZ	1		
07:32	ZZZZZZ	1		
07:37	ZZZZZZ	1		
07:42	ZZZZZZ	1		
07:47	MA53601-CCV23	1	X	
07:52	MA53601-CCB23	1	X	
07:58	ZZZZZZ	1		
08:03	ZZZZZZ	1		
08:08	ZZZZZZ	1		
08:13	ZZZZZZ	1		
08:18	ZZZZZZ	2		
08:23	ZZZZZZ	2		
08:28	ZZZZZZ	2		
08:33	MP37450-MB1	1	X	
08:38	MP37450-LB1	1		
08:44	MA53601-CCV24	1	X	
08:49	MA53601-CCB24	1	X	
08:54	MP37450-B1	1	X	
08:59	MP37450-LS1	1	X	
09:04	MP37450-S1	1	X	
09:09	MP37450-S2	1	X	
09:14	JD58550-2A	1	X	(a)
09:19	MP37450-SD1	5	X	
09:24	ZZZZZZ	1		
09:29	ZZZZZZ	1		
09:35	ZZZZZZ	1		
09:40	MA53601-CCV25	1	X	
09:45	MA53601-CCB25	1	X	
09:50	JD56962-2R	1	X	
09:55	ZZZZZZ	1		
10:01	MP37435-S1	5	X	
		Element:	P b	

REPORTED ELEMENTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Element: Dilution	P b
10:06	MP37435-S2	5	X
10:11	JD58642-8	5	X (a)
10:16	MP37435-SD1	25	X
10:21	ZZZZZZ	1	
10:26	ZZZZZZ	1	
10:31	ZZZZZZ	1	
10:36	MA53601-CCV26	1	X
10:41	MA53601-CCB26	1	X

(a) Sample used for QC only; not part of login JD56962R.

Element: P
b

INTERNAL STANDARD SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
11:24	MA53601-STD1	3049 R	109910 R	14053 R	7495 R
11:29	MA53601-STD2	2883	104490	13895	7002
11:34	MA53601-ICV1	2958	107640	14031	7183
11:42	MA53601-ICB1	3003	109350	13701	7390
11:47	MA53601-CCV1	2940	104710	13543	7118
11:52	MA53601-CCB1	3037	108370	13458	7459
11:57	MA53601-CRI1	No results reported for the elements associated with this internal standard.			
12:02	MA53601-CRID1	No results reported for the elements associated with this internal standard.			
12:08	MA53601-ICSA1	2760	99913	13879	6691
12:13	MA53601-ICSAB1	2751	100050	13810	6676
12:18	MA53601-HSTD1	2963	107200	14084	7420
12:24	MA53601-HSTD2	2774	101480	13693	6683
12:29	ZZZZZZ	2962	108040	13888	7472
12:34	ZZZZZZ	2938	109000	13909	7321
12:39	ZZZZZZ	2991	108460	13962	7372
12:44	MA53601-CCV2	2898	105550	13903	7035
12:49	MA53601-CCB2	2980	109080	13968	7347
12:54	MA53601-CRI2	2966	107890	13903	7296
13:00	MA53601-CRID2	2972	107940	13879	7322
13:05	MP37422-MB1	2944	108480	13955	7252
13:10	MP37422-B1	2922	106560	13945	7137
13:15	MP37422-S1	2843	104830	13934	6775
13:20	MP37422-S2	2858	104620	14047	6805
13:25	JD58609-20	2846	105370	14063	6777
13:30	MP37422-SD1	2940	107380	13888	7157
13:35	MP37422-PS1	2853	104680	14112	6801
13:40	MA53601-CCV3	2921	105640	13944	7084
13:46	MA53601-CCB3	2963	108480	13870	7293
13:52	ZZZZZZ	2984	109120	14389	7144
13:57	ZZZZZZ	2882	106020	14208	6885
14:02	ZZZZZZ	2899	105850	14156	6918
14:07	ZZZZZZ	2862	105970	14050	6828
14:12	ZZZZZZ	2967	108190	14565	6983

INTERNAL STANDARD SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
14:17	ZZZZZZ	2968	108390	14409	7063
14:22	ZZZZZZ	2998	109970	14392	7147
14:27	ZZZZZZ	2885	105820	14216	6875
14:32	ZZZZZZ	2970	108550	14367	7102
14:37	MA53601-CCV4	2897	104830	13737	7028
14:42	MA53601-CCB4	2949	108400	13700	7259
14:47	ZZZZZZ	2896	107130	14227	6965
14:52	ZZZZZZ	2878	105230	13827	6855
14:57	ZZZZZZ	2830	104440	13811	6756
15:02	ZZZZZZ	2897	106290	14003	6893
15:07	ZZZZZZ	2830	103960	13895	6739
15:13	ZZZZZZ	2827	104630	13712	6755
15:18	ZZZZZZ	2834	104170	13662	6751
15:23	ZZZZZZ	2898	106780	13985	6933
15:28	ZZZZZZ	2913	106650	14186	6923
15:33	ZZZZZZ	2888	106420	14005	6881
15:38	MA53601-CCV5	2918	105740	13660	7067
15:43	MA53601-CCB5	2944	108440	13726	7249
15:48	MP37424-MB1	2957	109190	13807	7270
15:53	MP37424-B1	2910	106610	13735	7093
15:58	MP37424-S1	2909	106930	13745	7080
16:03	MP37424-S2	2903	106760	13785	7062
16:08	JD58618-3	2946	108240	13759	7210
16:13	MP37424-SD1	2949	108850	13646	7263
16:18	ZZZZZZ	2946	108790	13683	7251
16:23	ZZZZZZ	2665	98513	13322	6284
16:28	ZZZZZZ	2779	102490	13431	6620
16:34	MA53601-CCV6	2888	105290	13538	7006
16:39	MA53601-CCB6	2949	108450	13523	7257
16:44	ZZZZZZ	2593	96816	13039	6100
16:49	ZZZZZZ	2685	99695	13344	6372
16:54	ZZZZZZ	2960	108800	13670	7275
16:59	ZZZZZZ	2851	105560	13482	6902

INTERNAL STANDARD SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
17:05	ZZZZZZ	2901	107120	13458	7105
17:10	ZZZZZZ	2827	104020	13424	6778
17:15	ZZZZZZ	2845	105530	13476	6854
17:20	ZZZZZZ	2905	106440	13434	7067
17:25	ZZZZZZ	2910	107020	13434	7064
17:30	ZZZZZZ	2916	106890	13464	7081
17:36	MA53601-CCV7	2905	105070	13267	7028
17:40	MA53601-CCB7	2959	108290	13343	7272
17:46	MP37276-MB1	2957	108250	13338	7265
17:51	ZZZZZZ	2952	108390	13556	7255
17:56	ZZZZZZ	2919	106320	13488	7099
18:01	MP37407-S1	2914	106170	13621	6979
18:06	MP37407-S2	2922	107290	13666	7009
18:11	JD58561-2	2918	107090	13734	7008
18:16	MP37407-SD1	2953	108360	13515	7212
18:21	ZZZZZZ	2914	106520	13474	7017
18:26	ZZZZZZ	2967	108680	13635	7297
18:31	MA53601-CCV8	2900	105940	13587	7024
18:36	MA53601-CCB8	2972	109470	13512	7315
18:41	ZZZZZZ	2941	107560	13517	7164
18:46	MP37400-S1	3000	109720	13818	7234
18:51	MP37400-S2	3015	109290	13900	7245
18:56	JD58498-11	3012	109340	13825	7257
19:01	MP37400-SD1	2989	108840	13650	7294
19:06	MP37400-PS1	3007	108980	13813	7235
19:11	ZZZZZZ	3030	110280	13850	7272
19:17	ZZZZZZ	3028	109230	13861	7219
19:22	ZZZZZZ	3024	109060	13725	7289
19:27	MA53601-CCV9	2923	106000	13439	7076
19:32	MA53601-CCB9	2974	108260	13375	7317
19:37	ZZZZZZ	3194	115610	14572	7185
19:42	ZZZZZZ	2992	108160	13821	7236
19:47	ZZZZZZ	3016	109310	14065	7096

INTERNAL STANDARD SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
19:52	ZZZZZZ	3308	120260	15288	7298
19:57	ZZZZZZ	3094	112690	14359	7220
20:02	ZZZZZZ	3093	111960	14321	7251
20:07	ZZZZZZ	2999	109360	13720	7258
20:12	ZZZZZZ	3043	110930	13850	7162
20:17	MA53601-CCV10	2914	105490	13532	7046
20:22	MA53601-CCB10	2959	108910	13437	7274
20:27	MP37398-MB1	2982	109380	13515	7324
20:32	MP37398-B1	2933	107300	13397	7128
20:37	MP37398-S1	2840	104580	13283	6874
20:42	MP37398-S2	2841	104600	13350	6873
20:47	JD58263-8	2875	105990	13313	6963
20:52	MP37398-SD1	2945	107600	13291	7209
20:57	ZZZZZZ	2882	105810	13339	6995
21:02	ZZZZZZ	2721	101310	13019	6520
21:08	ZZZZZZ	2931	107650	13268	7110
21:13	ZZZZZZ	2933	107480	13325	7123
21:18	MA53601-CCV11	2910	106060	13198	7042
21:23	MA53601-CCB11	2969	108710	13210	7289
21:28	ZZZZZZ	2927	107270	13205	7106
21:33	ZZZZZZ	2931	107270	13327	7115
21:38	ZZZZZZ	2926	106860	13314	7096
21:43	ZZZZZZ	2941	107340	13336	7154
21:48	ZZZZZZ	2896	107780	13359	7033
21:54	ZZZZZZ	2951	108010	13321	7223
21:59	ZZZZZZ	2849	105460	13403	6914
22:04	ZZZZZZ	2865	106110	13406	6985
22:09	ZZZZZZ	2830	105290	13327	6858
22:14	MA53601-CCV12	2911	105740	13285	7045
22:19	MA53601-CCB12	2977	108860	13299	7309
22:24	ZZZZZZ	2967	109090	13154	7288
22:30	MP37414-MB1	2970	108700	13205	7291
22:35	ZZZZZZ	2956	108170	13144	7251

INTERNAL STANDARD SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
22:40	ZZZZZZ	2963	107910	13168	7267
22:45	ZZZZZZ	2968	108520	13188	7307
22:50	MA53601-CCV13	2907	105580	13217	7024
22:55	MA53601-CCB13	2966	108560	13164	7277
23:01	MP37446-MB1	2969	109110	13357	7290
23:06	MP37446-B1	2942	107310	13368	7158
23:11	MP37446-S1	2921	106870	13619	6965
23:16	MP37446-S2	2920	106440	13609	6981
23:21	JD58693-21	2946	108270	13761	7024
23:26	MP37446-SD1	2953	107890	13325	7171
23:31	ZZZZZZ	2871	104560	13546	6665
23:36	ZZZZZZ	2885	104860	13665	6693
23:41	ZZZZZZ	2874	104650	13568	6685
23:46	MA53601-CCV14	2907	105250	13072	7020
23:51	MA53601-CCB14	2972	108400	13066	7301
23:57	ZZZZZZ	2877	105290	13653	6695
00:02	ZZZZZZ	2785	101360	13202	6450
00:07	ZZZZZZ	2795	101780	13251	6520
00:12	ZZZZZZ	2796	102030	13232	6503
00:18	ZZZZZZ	2761	101030	13270	6426
00:23	ZZZZZZ	2926	105980	13821	6752
00:28	ZZZZZZ	2817	103000	13354	6607
00:33	ZZZZZZ	2926	106390	13776	6664
00:38	MA53601-CCV15	2900	105620	13031	7011
00:43	MA53601-CCB15	2957	108520	13027	7256
00:48	ZZZZZZ	2944	107210	13519	6992
00:53	ZZZZZZ	2986	109190	13701	7307
00:59	ZZZZZZ	3018	109860	13800	7063
01:04	ZZZZZZ	2976	109150	13742	6988
01:09	ZZZZZZ	2826	105540	13387	6565
01:14	ZZZZZZ	2909	106950	13340	6923
01:19	ZZZZZZ	2992	109070	13596	7112
01:24	ZZZZZZ	2878	105350	13176	6841

INTERNAL STANDARD SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
01:29	MA53601-CCV16	2872	105200	13009	6947
01:34	MA53601-CCB16	2952	108620	12997	7249
01:39	MP37435-MB1	2968	109220	13027	7284
01:44	MP37435-B1	2921	107220	13091	7092
01:49	MP37435-S1	2756	102690	12837	6629
01:54	MP37435-S2	2768	103430	12795	6659
01:59	JD58642-8	2788	104150	12761	6694
02:04	MP37435-SD1	2904	106820	12895	7061
02:10	ZZZZZZ	2966	109320	13244	7275
02:15	ZZZZZZ	2801	102070	12839	6551
02:20	ZZZZZZ	2920	107240	13051	7018
02:25	ZZZZZZ	2905	106160	12975	6947
02:30	MA53601-CCV17	2900	105370	12851	7009
02:35	MA53601-CCB17	2954	108280	12747	7249
02:40	ZZZZZZ	2881	106400	12900	6879
02:46	ZZZZZZ	2871	106170	12926	6881
02:51	ZZZZZZ	2795	105330	12774	6712
02:56	ZZZZZZ	2854	104340	12793	6840
03:01	ZZZZZZ	3012	111190	13114	7383
03:06	ZZZZZZ	2982	109410	12970	7307
03:12	ZZZZZZ	2973	109390	12933	7293
03:17	ZZZZZZ	2914	108010	12909	7068
03:22	ZZZZZZ	2722	99999	12547	6361
03:27	MA53601-CCV18	2908	106280	12869	7014
03:32	MA53601-CCB18	2957	108690	12814	7247
03:37	MP37430-MB1	2970	109180	12972	7279
03:43	MP37430-B1	2994	109230	13203	7261
03:47	MP37430-S1	2902	106850	13607	6769
03:53	MP37430-S2	2849	104310	13296	6677
03:58	JD58561-5	2867	105520	13190	6669
04:03	MP37430-SD1	2933	107340	12949	7040
04:08	ZZZZZZ	3001	110360	13313	7214
04:13	ZZZZZZ	2910	106470	13231	6668

INTERNAL STANDARD SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
04:18	ZZZZZZ	2825	103360	12986	6587
04:23	MA53601-CCV19	2906	105290	12724	7011
04:28	MA53601-CCB19	2976	108840	12617	7292
04:33	ZZZZZZ	2874	105500	13016	6713
04:39	ZZZZZZ	2862	105310	13122	6661
04:44	ZZZZZZ	2864	106560	12969	6714
04:49	ZZZZZZ	2978	110580	13330	7096
04:54	ZZZZZZ	3000	108450	13318	7109
04:59	ZZZZZZ	3004	109120	13403	7109
05:04	ZZZZZZ	2989	108400	13282	7123
05:09	ZZZZZZ	3008	110110	13361	7075
05:14	MA53601-CCV20	2929	107730	12840	7068
05:19	MA53601-CCB20	2992	110180	12885	7328
05:24	ZZZZZZ	2989	108510	13345	7012
05:30	ZZZZZZ	3029	110950	13558	7114
05:35	ZZZZZZ	3032	109760	13466	7218
05:40	ZZZZZZ	3002	109670	13327	7144
05:45	ZZZZZZ	2992	108270	13327	7178
05:50	ZZZZZZ	4375 !a	160510 !a	20561 !a	6479
05:55	MA53601-CCV21	2922	106450	12752	7045
06:00	MA53601-CCB21	2982	108770	12633	7301
06:05	MP37431-MB1	2974	108980	12737	7281
06:10	MP37431-B1	2932	107570	12746	7119
06:15	MP37431-S1	2880	104890	13033	6698
06:20	MP37431-S2	2907	105710	13272	6662
06:25	JD58561-6	2882	104910	13053	6687
06:31	MP37431-SD1	2923	107230	12766	7041
06:36	MP37432-B1	2929	106850	12750	7100
06:40	MP37432-MB1	2966	108970	12867	7266
06:46	MP37432-S1	2929	107620	13538	6564
06:51	MA53601-CCV22	2916	106510	12803	7039
06:56	MA53601-CCB22	2982	109570	12717	7299
07:01	MP37432-S2	2929	107020	13575	6567

INTERNAL STANDARD SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
07:06	JD58578-1	2910	106270	13359	6558
07:11	MP37432-SD1	2929	106630	12847	6970
07:16	MP37432-PS1	2888	105940	13318	6554
07:22	ZZZZZZ	2829	103500	12882	6587
07:27	ZZZZZZ	2860	104460	13057	6647
07:32	ZZZZZZ	2812	103060	12947	6535
07:37	ZZZZZZ	2796	102820	12686	6595
07:42	ZZZZZZ	2814	103830	12929	6550
07:47	MA53601-CCV23	2901	105870	12561	7006
07:52	MA53601-CCB23	2967	109230	12572	7266
07:58	ZZZZZZ	2840	104550	12916	6573
08:03	ZZZZZZ	2803	103050	12847	6514
08:08	ZZZZZZ	2847	104600	12990	6619
08:13	ZZZZZZ	2891	106040	12661	6937
08:18	ZZZZZZ	2931	107630	12813	7042
08:23	ZZZZZZ	2902	107130	12594	6997
08:28	ZZZZZZ	2931	107970	12716	7074
08:33	MP37450-MB1	2973	110060	12732	7284
08:38	MP37450-LB1	2787	101340	12522	6514
08:44	MA53601-CCV24	2926	105590	12595	7042
08:49	MA53601-CCB24	2969	108590	12537	7269
08:54	MP37450-B1	2929	107470	12622	7106
08:59	MP37450-LS1	2818	102230	12705	6531
09:04	MP37450-S1	2797	101580	12596	6482
09:09	MP37450-S2	2794	101690	12660	6479
09:14	JD58550-2A	2777	100900	12601	6476
09:19	MP37450-SD1	2892	105560	12514	6897
09:24	ZZZZZZ	2691	98849	12291	6249
09:29	ZZZZZZ	2746	100750	12383	6392
09:35	ZZZZZZ	2754	100560	12398	6439
09:40	MA53601-CCV25	2908	105150	12424	7021
09:45	MA53601-CCB25	2946	108420	12303	7230
09:50	JD56962-2R	2620	98361	11958	6150

INTERNAL STANDARD SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
Analyst: ND Run ID: MA53601
Parameters: Pb

Time	Sample Description	Istd#1	Istd#2	Istd#3	Istd#4
09:55	ZZZZZZ	2692	99506	12219	6263
10:01	MP37435-S1	2888	106830	12139	7028
10:06	MP37435-S2	2889	106480	12260	7031
10:11	JD58642-8	2911	107550	12340	7092
10:16	MP37435-SD1	2937	108470	12293	7214
10:21	ZZZZZZ	2813	104110	12673	6597
10:26	ZZZZZZ	2797	103510	12476	6556
10:31	ZZZZZZ	2927	107940	13093	6573
10:36	MA53601-CCV26	2904	106300	12329	7030
10:41	MA53601-CCB26	2957	109660	12401	7268

R = Reference for ISTD limits. ! = Outside limits.

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium (2243)	70-130 %
Istd#2	Yttrium (3600)	70-130 %
Istd#3	Yttrium (3710)	70-130 %
Istd#4	Indium	70-130 %

(a) No samples reported for the elements associated with this internal standard.

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			11:42		11:52		12:49		13:46	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	9.2	anr							
Antimony	6.0	2.8	anr							
Arsenic	3.0	2.6	anr							
Barium	200	.2	anr							
Beryllium	1.0	.2	anr							
Bismuth	20	2.5								
Boron	100	1.8								
Cadmium	3.0	.4	anr							
Calcium	5000	13	anr							
Cerium	100									
Chromium	10	.7	anr							
Cobalt	50	.6	anr							
Copper	10	.7	anr							
Iron	100	3.3	anr							
Lead	3.0	2	0.800	<3.0	2.00	<3.0	0.200	<3.0	0.300	<3.0
Lithium	50	1.5	anr							
Magnesium	5000	25	anr							
Manganese	15	.1	anr							
Molybdenum	20	.6								
Nickel	10	.8	anr							
Phosphorus	50	7								
Potassium	10000	35	anr							
Selenium	10	3.6	anr							
Silicon	200	2.2								
Silver	10	.6	anr							
Sodium	10000	14	anr							
Strontium	10	.1								
Sulfur	50	3.7	anr							
Thallium	10	5.2	anr							
Tin	10	1.4								
Titanium	10	.8								
Tungsten	50	1.3								
Vanadium	50	.5	anr							

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			11:42		11:52		12:49		13:46	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.3	anr							
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			14:42		15:43		16:39		17:40	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	9.2	anr							
Antimony	6.0	2.8	anr							
Arsenic	3.0	2.6	anr							
Barium	200	.2	anr							
Beryllium	1.0	.2	anr							
Bismuth	20	2.5								
Boron	100	1.8								
Cadmium	3.0	.4	anr							
Calcium	5000	13	anr							
Cerium	100									
Chromium	10	.7	anr							
Cobalt	50	.6	anr							
Copper	10	.7	anr							
Iron	100	3.3	anr							
Lead	3.0	2	0.600	<3.0	-0.100	<3.0	0.500	<3.0	1.00	<3.0
Lithium	50	1.5	anr							
Magnesium	5000	25	anr							
Manganese	15	.1	anr							
Molybdenum	20	.6								
Nickel	10	.8	anr							
Phosphorus	50	7								
Potassium	10000	35	anr							
Selenium	10	3.6	anr							
Silicon	200	2.2								
Silver	10	.6	anr							
Sodium	10000	14	anr							
Strontium	10	.1								
Sulfur	50	3.7	anr							
Thallium	10	5.2	anr							
Tin	10	1.4								
Titanium	10	.8								
Tungsten	50	1.3								
Vanadium	50	.5	anr							

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time: / Sample ID:			14:42 CCB4		15:43 CCB5		16:39 CCB6		17:40 CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.3	anr							
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			18:36		19:32		20:22		21:23	
Sample ID:			CCB8		CCB9		CCB10		CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	9.2	anr							
Antimony	6.0	2.8	anr							
Arsenic	3.0	2.6	anr							
Barium	200	.2	anr							
Beryllium	1.0	.2	anr							
Bismuth	20	2.5								
Boron	100	1.8								
Cadmium	3.0	.4	anr							
Calcium	5000	13	anr							
Cerium	100									
Chromium	10	.7	anr							
Cobalt	50	.6	anr							
Copper	10	.7	anr							
Iron	100	3.3	anr							
Lead	3.0	2	0.800	<3.0	0.500	<3.0	1.40	<3.0	0.200	<3.0
Lithium	50	1.5	anr							
Magnesium	5000	25	anr							
Manganese	15	.1	anr							
Molybdenum	20	.6								
Nickel	10	.8	anr							
Phosphorus	50	7								
Potassium	10000	35	anr							
Selenium	10	3.6	anr							
Silicon	200	2.2								
Silver	10	.6	anr							
Sodium	10000	14	anr							
Strontium	10	.1								
Sulfur	50	3.7	anr							
Thallium	10	5.2	anr							
Tin	10	1.4								
Titanium	10	.8								
Tungsten	50	1.3								
Vanadium	50	.5	anr							

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time: / Sample ID:			18:36 CCB8		19:32 CCB9		20:22 CCB10		21:23 CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.3	anr							
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			22:19		22:55		23:51		00:43	
Sample ID:			CCB12		CCB13		CCB14		CCB15	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	9.2	anr							
Antimony	6.0	2.8	anr							
Arsenic	3.0	2.6	anr							
Barium	200	.2	anr							
Beryllium	1.0	.2	anr							
Bismuth	20	2.5								
Boron	100	1.8								
Cadmium	3.0	.4	anr							
Calcium	5000	13	anr							
Cerium	100									
Chromium	10	.7	anr							
Cobalt	50	.6	anr							
Copper	10	.7	anr							
Iron	100	3.3	anr							
Lead	3.0	2	0.400	<3.0	-0.200	<3.0	0.300	<3.0	1.20	<3.0
Lithium	50	1.5	anr							
Magnesium	5000	25	anr							
Manganese	15	.1	anr							
Molybdenum	20	.6								
Nickel	10	.8	anr							
Phosphorus	50	7								
Potassium	10000	35	anr							
Selenium	10	3.6	anr							
Silicon	200	2.2								
Silver	10	.6	anr							
Sodium	10000	14	anr							
Strontium	10	.1								
Sulfur	50	3.7	anr							
Thallium	10	5.2	anr							
Tin	10	1.4								
Titanium	10	.8								
Tungsten	50	1.3								
Vanadium	50	.5	anr							

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time: / Sample ID:			22:19 CCB12		22:55 CCB13		23:51 CCB14		00:43 CCB15	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.3	anr							
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			01:34		02:35		03:32		04:28	
Sample ID:			CCB16		CCB17		CCB18		CCB19	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	9.2	anr							
Antimony	6.0	2.8	anr							
Arsenic	3.0	2.6	anr							
Barium	200	.2	anr							
Beryllium	1.0	.2	anr							
Bismuth	20	2.5								
Boron	100	1.8								
Cadmium	3.0	.4	anr							
Calcium	5000	13	anr							
Cerium	100									
Chromium	10	.7	anr							
Cobalt	50	.6	anr							
Copper	10	.7	anr							
Iron	100	3.3	anr							
Lead	3.0	2	1.10	<3.0	0.800	<3.0	2.60	<3.0	0.700	<3.0
Lithium	50	1.5	anr							
Magnesium	5000	25	anr							
Manganese	15	.1	anr							
Molybdenum	20	.6								
Nickel	10	.8	anr							
Phosphorus	50	7								
Potassium	10000	35	anr							
Selenium	10	3.6	anr							
Silicon	200	2.2								
Silver	10	.6	anr							
Sodium	10000	14	anr							
Strontium	10	.1								
Sulfur	50	3.7	anr							
Thallium	10	5.2	anr							
Tin	10	1.4								
Titanium	10	.8								
Tungsten	50	1.3								
Vanadium	50	.5	anr							

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			01:34		02:35		03:32		04:28	
Sample ID:			CCB16		CCB17		CCB18		CCB19	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.3	anr							
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			05:19		06:00		06:56		07:52	
Sample ID:			CCB20		CCB21		CCB22		CCB23	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	9.2	anr							
Antimony	6.0	2.8	anr							
Arsenic	3.0	2.6	anr							
Barium	200	.2	anr							
Beryllium	1.0	.2	anr							
Bismuth	20	2.5								
Boron	100	1.8								
Cadmium	3.0	.4	anr							
Calcium	5000	13	anr							
Cerium	100									
Chromium	10	.7	anr							
Cobalt	50	.6	anr							
Copper	10	.7	anr							
Iron	100	3.3	anr							
Lead	3.0	2	0.500	<3.0	0.600	<3.0	-0.300	<3.0	0.00	<3.0
Lithium	50	1.5	anr							
Magnesium	5000	25	anr							
Manganese	15	.1	anr							
Molybdenum	20	.6								
Nickel	10	.8	anr							
Phosphorus	50	7								
Potassium	10000	35	anr							
Selenium	10	3.6	anr							
Silicon	200	2.2								
Silver	10	.6	anr							
Sodium	10000	14	anr							
Strontium	10	.1								
Sulfur	50	3.7	anr							
Thallium	10	5.2	anr							
Tin	10	1.4								
Titanium	10	.8								
Tungsten	50	1.3								
Vanadium	50	.5	anr							

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			05:19		06:00		06:56		07:52	
Sample ID:			CCB20		CCB21		CCB22		CCB23	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Zinc	20	.3	anr							
Zirconium	10	.5								

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			08:49		09:45		10:41	
Sample ID:			CCB24		CCB25		CCB26	
Metal	RL	IDL	raw	final	raw	final	raw	final
Aluminum	200	9.2	anr					
Antimony	6.0	2.8	anr					
Arsenic	3.0	2.6	anr					
Barium	200	.2	anr					
Beryllium	1.0	.2	anr					
Bismuth	20	2.5						
Boron	100	1.8						
Cadmium	3.0	.4	anr					
Calcium	5000	13	anr					
Cerium	100							
Chromium	10	.7	anr					
Cobalt	50	.6	anr					
Copper	10	.7	anr					
Iron	100	3.3	anr					
Lead	3.0	2	1.60	<3.0	-0.400	<3.0	0.100	<3.0
Lithium	50	1.5	anr					
Magnesium	5000	25	anr					
Manganese	15	.1	anr					
Molybdenum	20	.6						
Nickel	10	.8	anr					
Phosphorus	50	7						
Potassium	10000	35	anr					
Selenium	10	3.6	anr					
Silicon	200	2.2						
Silver	10	.6	anr					
Sodium	10000	14	anr					
Strontium	10	.1						
Sulfur	50	3.7	anr					
Thallium	10	5.2	anr					
Tin	10	1.4						
Titanium	10	.8						
Tungsten	50	1.3						
Vanadium	50	.5	anr					

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: result < RL Run ID: MA53601 Units: ug/l

Time:			08:49		09:45		10:41	
Sample ID:			CCB24		CCB25		CCB26	
Metal	RL	IDL	raw	final	raw	final	raw	final
Zinc	20	.3	anr					
Zirconium	10	.5						

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		11:34			11:47			12:44	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium	anr								
Cerium									
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2000	100.0	2000	2030	101.5	2000	2080	104.0
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Strontium									
Sulfur	anr								
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		11:34			11:47			12:44	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		13:40			14:37			15:38	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium	anr								
Cerium									
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2040	102.0	2000	2050	102.5	2000	2050	102.5
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Strontium									
Sulfur	anr								
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		13:40			14:37			15:38	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		16:34			17:36			18:31	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium	anr								
Cerium									
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2070	103.5	2000	2060	103.0	2000	2070	103.5
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Strontium									
Sulfur	anr								
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		16:34			17:36			18:31	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		19:27			20:17			21:18	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium	anr								
Cerium									
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2050	102.5	2000	2060	103.0	2000	2070	103.5
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Strontium									
Sulfur	anr								
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		19:27			20:17			21:18	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		22:14			22:50			23:46	
Sample ID:	CCV	CCV12		CCV	CCV13		CCV	CCV14	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium	anr								
Cerium									
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2080	104.0	2000	2080	104.0	2000	2120	106.0
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Strontium									
Sulfur	anr								
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		22:14			22:50			23:46	
Sample ID:	CCV	CCV12		CCV	CCV13		CCV	CCV14	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		00:38			01:29			02:30	
Sample ID:	CCV	CCV15		CCV	CCV16		CCV	CCV17	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium	anr								
Cerium									
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2130	106.5	2000	2150	107.5	2000	2130	106.5
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Strontium									
Sulfur	anr								
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		00:38			01:29			02:30	
Sample ID:	CCV	CCV15		CCV	CCV16		CCV	CCV17	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		03:27			04:23			05:14	
Sample ID:	CCV	CCV18		CCV	CCV19		CCV	CCV20	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium	anr								
Cerium									
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2130	106.5	2000	2100	105.0	2000	2090	104.5
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Strontium									
Sulfur	anr								
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		03:27			04:23			05:14	
Sample ID:	CCV	CCV18		CCV	CCV19		CCV	CCV20	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		05:55			06:51			07:47	
Sample ID:	CCV	CCV21		CCV	CCV22		CCV	CCV23	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium	anr								
Cerium									
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2090	104.5	2000	2100	105.0	2000	2110	105.5
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Strontium									
Sulfur	anr								
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		05:55			06:51			07:47	
Sample ID:	CCV	CCV21		CCV	CCV22		CCV	CCV23	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		08:44			09:40			10:36	
Sample ID:	CCV	CCV24		CCV	CCV25		CCV	CCV26	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Bismuth									
Boron									
Cadmium	anr								
Calcium	anr								
Cerium									
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2110	105.5	2000	2110	105.5	2000	2140	107.0
Lithium	anr								
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Phosphorus									
Potassium	anr								
Selenium	anr								
Silicon									
Silver	anr								
Sodium	anr								
Strontium									
Sulfur	anr								
Thallium	anr								
Tin									
Titanium									
Tungsten									
Vanadium	anr								

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: JD56962R
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Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 95 to 105 % Recovery Run ID: MA53601 Units: ug/l

Time:		08:44			09:40			10:36	
Sample ID:	CCV	CCV24		CCV	CCV25		CCV	CCV26	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Zinc	anr								
Zirconium									

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA53601 Units: ug/l

Time:		12:18			12:24	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum						
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Bismuth						
Boron						
Cadmium	anr					
Calcium						
Cerium						
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron						
Lead	8000	7940	99.3			
Lithium	anr					
Magnesium						
Manganese	anr					
Molybdenum						
Nickel	anr					
Phosphorus						
Potassium						
Selenium	anr					
Silicon						
Silver	anr					
Sodium						
Strontium						
Sulfur	anr					
Thallium	anr					
Tin						
Titanium						
Tungsten						
Vanadium	anr					

HIGH STANDARD CHECK SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 90 to 110 % Recovery Run ID: MA53601 Units: ug/l

Time:		12:18			12:24	
Sample ID:	HSTD	HSTD1		HSTD	HSTD2	
Metal	True	Results	% Rec	True	Results	% Rec
Zinc	anr					
Zirconium						

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA53601 Units: ug/l

Time:				12:54		13:00	
Sample ID:	CRI	CRIA	CRID	CRI2		CRID2	
Metal	True	True	True	Results	% Rec	Results	% Rec
Aluminum	200	500	100	anr			
Antimony	6.0	20	3.0	anr			
Arsenic	8.0	20	3.0	anr			
Barium	200		4.0	anr			
Beryllium	2.0		1.0	anr			
Bismuth	20						
Boron	100		10				
Cadmium	3.0		1.0	anr			
Calcium	5000	2000	1000	anr			
Cerium							
Chromium	10		2.0	anr			
Cobalt	50		3.0	anr			
Copper	10		2.0	anr			
Iron	100	500		anr			
Lead	3.0	20	2.5	3.00	100.0	2.00	80.0
Lithium	50			anr			
Magnesium	5000	2000	100	anr			
Manganese	15		3.0	anr			
Molybdenum	20						
Nickel	10		4.0	anr			
Phosphorus	50						
Potassium	5000		2000	anr			
Selenium	10	20	5.0	anr			
Silicon	200						
Silver	5.0		2.0	anr			
Sodium	5000		1000	anr			
Strontium	10						
Sulfur	50			anr			
Thallium	10		2.0	anr			
Tin	10						
Titanium	10						
Tungsten	50						
Vanadium	50		2.0	anr			

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: CRI 80-120% CRIA 80-120% Run ID: MA53601 Units: ug/l

Time:				12:54		13:00	
Sample ID:	CRI	CRIA	CRID	CRI2		CRID2	
Metal	True	True	True	Results	% Rec	Results	% Rec
Zinc	20		10	anr			
Zirconium	10						

(*) Outside of QC limits
(anr) Analyte not requested

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA53601 Units: ug/l

Time:			12:08		12:13	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Aluminum	500000	500000	525000	105.0	515000	103.0
Antimony		1000	-0.100		1060	106.0
Arsenic		1000	1.40		1020	102.0
Barium		500	2.00		486	97.2
Beryllium		500	0.300		487	97.4
Bismuth		500	-5.90		519	103.8
Boron		500	2.30		521	104.2
Cadmium		1000	0.100		1040	104.0
Calcium	400000	400000	403000	100.8	395000	98.8
Cerium			42.6		559*	
Chromium		500	-0.100		480	96.0
Cobalt		500	1.30		476	95.2
Copper		500	4.40		536	107.2
Iron	200000	200000	204000	102.0	199000	99.5
Lead		1000	1.00		947	94.7
Lithium		500	-6.90		530	106.0
Magnesium	500000	500000	515000	103.0	508000	101.6
Manganese		500	5.80		507	101.4
Molybdenum		500	1.10		487	97.4
Nickel		1000	-1.60		932	93.2
Phosphorus		500	11.3		444	88.8
Potassium			45.8		36.4	
Selenium		1000	9.50		969	96.9
Silicon		500	-1.80		558	111.6
Silver		1000	3.60		1070	107.0
Sodium			104		46.0	
Strontium		500	-3.70		499	99.8
Sulfur		500	-4.20		508	101.6
Thallium		1000	4.30		921	92.1
Tin		500	1.50		478	95.6
Titanium		500	-1.40		490	98.0
Tungsten		500	14.4		493	98.6
Vanadium		500	-0.800		496	99.2

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

File ID: SF011623M1.ICP Date Analyzed: 01/16/23 Methods: EPA 200.7, SW846 6010D
QC Limits: 80 to 120 % Recovery Run ID: MA53601 Units: ug/l

Time:			12:08		12:13	
Sample ID:	ICSA	ICSAB	ICSA1		ICSAB1	
Metal	True	True	Results	% Rec	Results	% Rec
Zinc		1000	8.00		971	97.1
Zirconium		500	-7.90		427	85.4

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

QC Batch ID: MP37450
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/16/23

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.0092	.046		
Antimony	0.10	.0028	.0047		
Arsenic	0.10	.0026	.0028		
Barium	0.20	.0002	.013		
Beryllium	0.0020	.0002	.0005		
Bismuth	0.020	.0025	.004		
Boron	0.10	.0018	.063		
Cadmium	0.0040	.0004	.001		
Calcium	5.0	.013	.099		
Chromium	0.010	.0007	.002		
Cobalt	0.050	.0006	.0026		
Copper	0.010	.0007	.0059		
Iron	0.10	.0033	.032		
Lead	0.10	.002	.0018	0.0010	<0.10
Lithium	0.050	.0015	.0073		
Magnesium	5.0	.025	.14		
Manganese	0.015	.0001	.0014		
Molybdenum	0.020	.0006	.0036		
Nickel	0.010	.0008	.0017		
Phosphorus	0.050	.007	.018		
Potassium	10	.035	.2		
Selenium	0.10	.0036	.0049		
Silicon	0.20	.0022	.1		
Silver	0.010	.0006	.0019		
Sodium	10	.014	.57		
Strontium	0.010	.0001	.001		
Sulfur	0.050	.0037	.045		
Thallium	0.10	.0052	.0018		
Tin	0.010	.0014	.0037		
Titanium	0.010	.0008	.0025		
Tungsten	0.050	.0013	.04		
Vanadium	0.050	.0005	.0018		
Zinc	0.020	.0003	.0069		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

QC Batch ID: MP37450 Methods: SW846 6010D
Matrix Type: LEACHATE Units: mg/l

Prep Date: 01/16/23

Metal	RL	IDL	MDL	MB raw	final
Zirconium	0.010	.0005	.0041		

Associated samples MP37450: JD56962-2R

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

QC Batch ID: MP37450
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/16/23

Metal	JD58550-2A Original	MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	anr				
Barium	anr				
Beryllium					
Bismuth					
Boron					
Cadmium	anr				
Calcium					
Chromium	anr				
Cobalt					
Copper					
Iron					
Lead	0.014	1.9	2.0	94.3	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium	anr				
Silicon					
Silver	anr				
Strontium					
Sulfur					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					
Zirconium					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

QC Batch ID: MP37450
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/16/23

Metal	JD58550-2A Original MS	Spikelot MPSPK2	% Rec	QC Limits

Associated samples MP37450: JD56962-2R

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

QC Batch ID: MP37450
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 01/16/23

Metal	JD58550-2A Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	anr					
Barium	anr					
Beryllium						
Bismuth						
Boron						
Cadmium	anr					
Calcium						
Chromium	anr					
Cobalt						
Copper						
Iron						
Lead	0.014	2.0	2.0	99.3	5.1	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium	anr					
Silicon						
Silver	anr					
Strontium						
Sulfur						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						
Zirconium						

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

QC Batch ID: MP37450 Methods: SW846 6010D
Matrix Type: LEACHATE Units: mg/l

Prep Date: 01/16/23

	JD58550-2A	Spikelot		MSD	QC
Metal	Original MSD	MPSPK2	% Rec	RPD	Limit

Associated samples MP37450: JD56962-2R

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

QC Batch ID: MP37450
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date:			01/16/23				01/16/23	
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic	anr							
Barium	anr							
Beryllium								
Bismuth								
Boron								
Cadmium	anr							
Calcium								
Chromium	anr							
Cobalt								
Copper								
Iron								
Lead	2.0	2.0	100.0	80-120	1.9	2.0	95.0	80-120
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium	anr							
Silicon								
Silver	anr							
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

QC Batch ID: MP37450
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date:				01/16/23				01/16/23
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP37450: JD56962-2R

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

QC Batch ID: MP37450
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 01/16/23

Metal	JD58550-2A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium	anr			
Beryllium				
Bismuth				
Boron				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron				
Lead	13.8	15.5	12.3 (a)	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium	anr			
Silicon				
Silver	anr			
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				
Zirconium				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD56962R
Account: SESINJPB - SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

QC Batch ID: MP37450 Methods: SW846 6010D
Matrix Type: LEACHATE Units: ug/l

Prep Date: 01/16/23

	JD58550-2A		QC
Metal	Original SDL 1:5	%DIF	Limits

Associated samples MP37450: JD56962-2R

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Instrument Detection Limits

Job Number: JD56962R
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Instrument ID: SSTRACE6 **Effective Date:** 02/11/21

Analyte	IDL ug/l
Aluminum	9.2
Antimony	2.8
Arsenic	2.6
Barium	.2
Beryllium	.2
Bismuth	2.5
Boron	1.8
Cadmium	.4
Calcium	13
Chromium	.7
Cobalt	.6
Copper	.7
Iron	3.3
Lead	2
Lithium	1.5
Magnesium	24.8
Manganese	.1
Molybdenum	.6
Nickel	.8
Phosphorus	7
Potassium	34.5
Selenium	3.6
Silicon	2.2
Silver	.6
Sodium	13.9
Sulfur	3.7
Strontium	.1
Thallium	5.2
Tin	1.4
Titanium	.8
Tungsten	1.3
Vanadium	.5
Zinc	.3
Zirconium	.5

The above applies to the following instrument runs:
MA53601

Instrument Linear Ranges

Job Number: JD56962R
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Instrument ID: SSTRACE6 **Effective Date:** 08/22/19

Analyte	Linear Range ug/l
Aluminum	300000
Antimony	8000
Arsenic	8000
Barium	8000
Beryllium	8000
Bismuth	8000
Boron	8000
Cadmium	8000
Calcium	200000
Cerium	8000
Chromium	8000
Cobalt	8000
Copper	8000
Iron	200000
Lead	8000
Lithium	8000
Magnesium	300000
Manganese	8000
Molybdenum	8000
Nickel	8000
Palladium	8000
Phosphorus	8000
Potassium	200000
Selenium	8000
Silicon	25000
Silver	625
Sodium	200000
Sulfur	100000
Strontium	8000
Thallium	8000
Tin	8000
Titanium	8000
Tungsten	8000
Vanadium	8000
Zinc	8000
Zirconium	8000

The above applies to the following instrument runs:
MA53601

Metals Analysis

Raw Data

Zoom In ▶ Zoom Out

Sample Name: STDA Acquired: 1/16/2023 11:24:18 Type: Cal
Method: SGS NO VALVE3(v397) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0004**	**-.0011**	**-.0003**	**.0004**	**.0025**	**-.0002**	**-.0000**	**.0042**	**.0005**
Stddev	.0001	.0003	.0002	.0001	.0004	.0000	.0002	.0001	.0002
%RSD	12.82	28.37	68.82	30.92	17.64	11.96	991.7	3.073	35.30
#1	-.0003	-.0008	-.0001	.0003	.0020	-.0002	.0000	.0042	.0003
#2	-.0004	-.0013	-.0002	.0004	.0029	-.0002	-.0002	.0041	.0005
#3	-.0004	-.0012	-.0005	.0006	.0025	-.0002	.0002	.0043	.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0002**	**.0004**	**.0001**	**.0044**	**.0003**	**-.0003**	**.0016**	**-.0000**	**.0000**
Stddev	.0001	.0001	.0000	.0000	.0000	.0009	.0010	.0002	.0000
%RSD	29.58	15.97	50.39	.4744	19.14	319.1	62.74	1707.	42.20
#1	-.0003	.0004	.0000	.0044	.0003	.0003	.0021	.0002	.0000
#2	-.0003	.0004	.0000	.0044	.0002	-.0013	.0023	-.0002	.0000
#3	-.0001	.0003	.0001	.0044	.0002	.0001	.0005	-.0000	.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0003**	**-.0003**	**.0004**	**-.0121**	**.0000**	**-.0005**	**-.0016**	**.0003**	**.0018**
Stddev	.0002	.0011	.0001	.0001	.0001	.0001	.0001	.0002	.0004
%RSD	48.17	439.8	22.91	.7012	925.2	16.30	4.001	82.79	23.40
#1	.0003	.0005	.0004	-.0122	-.0001	-.0006	-.0017	.0005	.0022
#2	.0002	-.0015	.0004	-.0121	.0001	-.0006	-.0016	.0001	.0018
#3	.0005	.0002	.0003	-.0121	-.0000	-.0004	-.0016	.0002	.0013

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0002**	**.0003**	**.0001**	**-.0004**	**-.0001**	**.0023**	**.0013**	**-.0001**
Stddev	.0000	.0001	.0000	.0000	.0000	.0004	.0001	.0001
%RSD	28.25	26.13	45.60	9.850	35.13	17.74	3.871	108.0
#1	-.0002	.0004	.0001	-.0005	-.0001	.0024	.0014	-.0001
#2	-.0001	.0002	.0000	-.0004	-.0002	.0019	.0013	-.0002
#3	-.0001	.0004	.0001	-.0004	-.0001	.0027	.0013	.0000

◀ Zoom In ▶ Zoom Out

Sample Name: STDA Acquired: 1/16/2023 11:24:18 Type: Cal
Method: SGS NO VALVE3(v397) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7494.7**	**109910.**	**14053.**	**3049.2**
Stddev	30.0	310.	43.	9.9
%RSD	.39974	.28188	.30661	.32507
#1	7509.3	109790.	14096.	3052.0
#2	7514.6	109680.	14054.	3057.5
#3	7460.3	110260.	14010.	3038.2

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 1/16/2023 11:29:30 Type: Cal
Method: SGS NO VALVE3(v397) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0616**	**2.161**	**.5500**	**.8033**	**7.282**	**9.294**	**.8946**	**5.713**	**3.702**
Stddev	.0002	.001	.0091	.0137	.007	.007	.0146	.006	.063
%RSD	.3519	.0298	1.649	1.702	.0923	.0777	1.629	.1063	1.701
#1	.0618	2.162	.5598	.8180	7.282	9.299	.9104	5.719	3.771
#2	.0616	2.162	.5419	.7910	7.289	9.298	.8816	5.713	3.648
#3	.0614	2.161	.5483	.8009	7.276	9.286	.8918	5.707	3.687

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1097**	**1.655**	**.4230**	**.6890**	**3.125**	**1.326**	**1.596**	**.5290**	**.9594**
Stddev	.0001	.026	.0009	.0012	.004	.001	.003	.0010	.0016
%RSD	.1219	1.554	.2085	.1679	.1183	.0472	.1805	.1826	.1692
#1	.1099	1.682	.4237	.6902	3.129	1.326	1.593	.5300	.9612
#2	.1097	1.632	.4233	.6889	3.125	1.326	1.599	.5290	.9591
#3	.1096	1.650	.4220	.6879	3.122	1.325	1.595	.5281	.9580

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.350**	**4.664**	**1.309**	**.4367**	**.5817**	**.2740**	**.7589**	**.3774**	**2.321**
Stddev	.058	.006	.021	.0078	.0089	.0055	.0124	.0065	.039
%RSD	1.719	.1244	1.571	1.778	1.534	2.017	1.640	1.723	1.669
#1	3.412	4.670	1.331	.4451	.5914	.2799	.7724	.3844	2.363
#2	3.298	4.663	1.290	.4299	.5740	.2689	.7478	.3715	2.286
#3	3.341	4.659	1.304	.4351	.5796	.2732	.7566	.3764	2.315

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.5872**	**6.154**	**.5992**	**.1861**	**.6346**	**1.538**	**4.707**	**1.315**
Stddev	.0112	.004	.0009	.0026	.0008	.025	.081	.002
%RSD	1.900	.0563	.1569	1.391	.1200	1.619	1.724	.1566
#1	.5997	6.157	.6001	.1888	.6354	1.566	4.797	1.318
#2	.5782	6.155	.5992	.1836	.6348	1.518	4.639	1.315
#3	.5836	6.150	.5982	.1859	.6338	1.530	4.684	1.314

◀ Zoom In ▶ Zoom Out

Sample Name: STDB Acquired: 1/16/2023 11:29:30 Type: Cal
Method: SGS NO VALVE3(v397) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7002.1**	**104490.**	**13895.**	**2883.2**
Stddev	88.6	74.	51.	42.6
%RSD	1.2650	.07065	.36561	1.4791
#1	6903.5	104430.	13837.	2835.6
#2	7075.0	104580.	13916.	2918.0
#3	7027.8	104470.	13932.	2896.0

Zoom In Zoom Out

Sample Name: icv 7 Acquired: 1/16/2023 11:34:30 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2487**	**39.18**	**1.962**	**1.971**	**1.931**	**1.964**	**1.988**	**39.73**	**1.957**
Stddev	.0006	.13	.002	.005	.007	.007	.003	.13	.007
%RSD	.2612	.3285	.1207	.2520	.3811	.3835	.1245	.3311	.3363
#1	.2485	39.04	1.963	1.974	1.925	1.958	1.990	39.59	1.962
#2	.2482	39.22	1.964	1.973	1.930	1.962	1.988	39.75	1.960
#3	.2495	39.29	1.959	1.965	1.939	1.973	1.985	39.85	1.950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.984**	**1.967**	**1.968**	**1.913**	**39.89**	**39.28**	**1.951**	**39.90**	**1.983**
Stddev	.004	.002	.004	.005	.13	.08	.007	.11	.004
%RSD	.1780	.0966	.2155	.2624	.3309	.1989	.3443	.2826	.1880
#1	1.981	1.970	1.964	1.908	39.76	39.24	1.945	39.78	1.980
#2	1.983	1.966	1.970	1.913	39.88	39.24	1.950	39.91	1.983
#3	1.988	1.966	1.972	1.918	40.02	39.37	1.959	40.01	1.987
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.986**	**39.81**	**1.999**	**1.958**	**2.001**	**1.967**	**1.960**	**1.976**	**5.071**
Stddev	.003	.17	.002	.006	.002	.008	.005	.004	.009
%RSD	.1581	.4384	.1137	.3004	.0887	.4149	.2586	.2106	.1685
#1	1.988	39.65	2.001	1.959	2.003	1.963	1.963	1.976	5.079
#2	1.987	39.77	1.997	1.964	2.000	1.976	1.962	1.980	5.072
#3	1.982	39.99	2.000	1.952	1.999	1.961	1.954	1.972	5.062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: icv 7 Acquired: 1/16/2023 11:34:30 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.980**	**1.963**	**1.949**	**2.008**	**1.949**	**1.978**	**2.006**	**1.935**
Stddev	.003	.007	.006	.008	.005	.002	.001	.005
%RSD	.1307	.3697	.3251	.3767	.2341	.1110	.0641	.2711
#1	1.981	1.957	1.942	2.013	1.943	1.977	2.007	1.930
#2	1.982	1.962	1.950	2.013	1.951	1.981	2.004	1.934
#3	1.977	1.971	1.955	2.000	1.952	1.976	2.006	1.940
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7182.8**	**107640.**	**14031.**	**2957.8**
Stddev	5.5	230.	18.	3.5
%RSD	.07598	.21325	.12793	.11783
#1	7177.5	107890.	14050.	2955.5
#2	7188.4	107450.	14030.	2956.1
#3	7182.6	107570.	14014.	2961.8

Zoom In Zoom Out

Sample Name: icb 7 Acquired: 1/16/2023 11:42:21 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0024**	**.0006**	**.0030**	**.0001**	**.0000**	**-.0002**	**-.0006**	**.0002**
Stddev	.0001	.0220	.0005	.0005	.0004	.0000	.0006	.0004	.0003
%RSD	106.2	918.9	83.32	15.55	321.7	311.0	307.4	69.26	141.0
#1	-.0001	.0149	.0004	.0036	.0005	.0000	.0003	-.0010	-.0000
#2	.0000	.0153	.0003	.0029	-.0003	-.0000	-.0000	-.0003	.0001
#3	-.0001	-.0230	.0012	.0027	.0002	.0000	-.0009	-.0004	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0017**	**.0002**	**-.0003**	**.0002**	**-.0036**	**.0669**	**-.0014**	**-.0081**	**.0000**
Stddev	.0010	.0002	.0001	.0004	.0020	.0230	.0009	.0079	.0000
%RSD	60.84	95.68	42.44	177.6	55.03	34.33	61.97	97.34	1011.
#1	-.0006	.0001	-.0002	.0000	-.0039	.0584	-.0004	-.0021	.0000
#2	-.0019	.0005	-.0003	-.0000	-.0015	.0494	-.0019	-.0052	-.0000
#3	-.0026	.0001	-.0004	.0006	-.0054	.0929	-.0019	-.0171	.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0195**	**.0003**	**.0000**	**.0008**	**.0002**	**-.0005**	**.0015**	**-.0005**
Stddev	.0002	.0121	.0004	.0010	.0003	.0013	.0005	.0003	.0023
%RSD	57.01	61.92	136.6	2615.	31.71	732.8	114.0	16.75	411.4
#1	.0005	-.0062	.0007	-.0002	.0007	.0002	-.0010	.0016	-.0001
#2	.0003	-.0225	.0001	.0011	.0007	.0015	-.0005	.0012	-.0030
#3	.0001	-.0297	-.0000	-.0008	.0011	-.0011	.0001	.0017	.0015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: icb 7 Acquired: 1/16/2023 11:42:21 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**-.0000**	**.0006**	**.0001**	**-.0001**	**.0006**	**-.0009**	**.0001**
Stddev	.0005	.0001	.0002	.0020	.0001	.0008	.0002	.0001
%RSD	113.2	257.0	36.23	3062.	144.2	136.6	16.57	141.4
#1	-.0001	.0000	.0007	.0020	-.0000	.0013	-.0008	.0002
#2	.0007	-.0001	.0004	-.0020	-.0003	.0007	-.0009	-.0001
#3	.0007	-.0000	.0007	.0002	-.0000	-.0003	-.0011	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7390.0**	**109350.**	**13701.**	**3003.0**
Stddev	26.7	226.	40.	14.8
%RSD	.36077	.20684	.29401	.49291
#1	7377.1	109560.	13697.	2993.9
#2	7420.7	109370.	13664.	3020.0
#3	7372.4	109110.	13744.	2994.9

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 11:47:37 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2507**	**39.72**	**2.017**	**2.006**	**1.998**	**2.027**	**2.001**	**40.37**	**1.989**
Stddev	.0012	.10	.007	.009	.003	.004	.007	.07	.010
%RSD	.4698	.2500	.3318	.4714	.1651	.1821	.3774	.1788	.5055
#1	.2503	39.83	2.020	2.009	2.002	2.029	2.003	40.45	1.992
#2	.2521	39.63	2.022	2.013	1.996	2.023	2.006	40.31	1.997
#3	.2499	39.71	2.009	1.995	1.997	2.028	1.992	40.35	1.978
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.004**	**2.005**	**2.026**	**1.962**	**40.45**	**39.97**	**1.996**	**40.64**	**2.045**
Stddev	.006	.010	.003	.003	.06	.08	.000	.07	.004
%RSD	.3170	.5044	.1563	.1403	.1442	.1927	.0224	.1655	.2003
#1	2.000	2.011	2.023	1.959	40.52	40.01	1.996	40.70	2.040
#2	2.000	2.010	2.029	1.965	40.40	39.88	1.996	40.65	2.046
#3	2.011	1.993	2.027	1.963	40.44	40.02	1.996	40.57	2.047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.038**	**40.19**	**2.029**	**1.992**	**2.034**	**1.994**	**2.016**	**1.992**	**5.031**
Stddev	.011	.07	.008	.013	.008	.015	.009	.008	.027
%RSD	.5597	.1773	.3975	.6271	.3955	.7331	.4337	.4211	.5325
#1	2.038	40.25	2.034	1.994	2.038	1.996	2.018	1.996	5.038
#2	2.049	40.11	2.033	2.003	2.039	2.007	2.024	1.997	5.054
#3	2.026	40.20	2.019	1.978	2.025	1.978	2.007	1.982	5.001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 11:47:37 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.043**	**2.024**	**2.031**	**2.043**	**2.005**	**2.039**	**2.030**	**2.027**
Stddev	.009	.003	.002	.016	.003	.009	.010	.003
%RSD	.4367	.1434	.1042	.7574	.1319	.4250	.5122	.1224
#1	2.045	2.027	2.029	2.053	2.002	2.042	2.034	2.024
#2	2.052	2.021	2.033	2.051	2.007	2.047	2.038	2.028
#3	2.034	2.024	2.032	2.025	2.007	2.030	2.018	2.028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7117.7**	**104710.**	**13543.**	**2940.1**
Stddev	12.8	187.	50.	8.9
%RSD	.18044	.17900	.36888	.30213
#1	7114.3	104920.	13506.	2942.6
#2	7106.9	104620.	13600.	2930.3
#3	7131.9	104580.	13522.	2947.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 11:52:29 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0039**	**-.0010**	**.0032**	**.0003**	**-.0000**	**-.0005**	**-.0004**	**.0000**
Stddev	.0001	.0139	.0012	.0001	.0002	.0000	.0003	.0022	.0002
%RSD	479.4	354.8	121.3	2.298	47.46	215.7	60.64	544.6	1375.
#1	-.0000	-.0104	.0003	.0031	.0002	-.0000	-.0005	.0018	.0001
#2	.0000	.0120	-.0013	.0032	.0003	-.0000	-.0002	-.0004	.0001
#3	.0001	-.0134	-.0019	.0032	.0005	.0000	-.0007	-.0026	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**-.0002**	**-.0003**	**.0003**	**-.0012**	**.1892**	**-.0022**	**-.0218**	**.0000**
Stddev	.0004	.0002	.0003	.0001	.0010	.0223	.0005	.0248	.0000
%RSD	30.96	107.4	92.82	36.62	86.10	11.78	20.59	113.3	29.78
#1	-.0009	.0000	-.0001	.0004	-.0017	.1636	-.0028	-.0464	.0001
#2	-.0017	-.0002	-.0002	.0003	-.0000	.2038	-.0021	-.0222	.0000
#3	-.0015	-.0003	-.0006	.0002	-.0019	.2003	-.0019	.0031	.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0268**	**-.0002**	**.0015**	F **.0020**	**.0007**	**.0019**	**.0005**	**.0004**
Stddev	.0003	.0096	.0001	.0013	.0013	.0018	.0009	.0013	.0010
%RSD	125.4	35.90	67.59	90.80	64.87	267.8	47.75	242.7	270.2
#1	-.0001	-.0173	-.0004	.0006	.0024	.0021	.0011	.0011	.0013
#2	.0005	-.0365	-.0002	.0030	-.0030	-.0013	.0017	.0014	.0005
#3	.0003	-.0266	-.0001	.0008	.0005	.0012	.0028	-.0009	-.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					.0015				
Low Limit					-.0015				

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 11:52:29 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0000**	**-.0000**	**.0008**	**-.0002**	**.0004**	**-.0012**	**.0002**
Stddev	.0008	.0001	.0003	.0006	.0003	.0003	.0002	.0001
%RSD	117.8	300.2	710.3	75.90	153.0	81.33	16.44	40.27
#1	.0006	-.0000	.0000	.0016	-.0004	.0002	-.0014	.0002
#2	-.0001	-.0000	.0002	.0005	-.0004	.0002	-.0010	.0003
#3	.0015	.0002	-.0004	.0005	.0001	.0007	-.0012	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7459.4**	**108370.**	**13458.**	**3036.7**
Stddev	9.8	1164.	66.	5.5
%RSD	.13203	1.0741	.49382	.17970
#1	7470.3	107790.	13388.	3042.8
#2	7451.2	107610.	13464.	3032.3
#3	7456.6	109710.	13521.	3034.9

Zoom In Zoom Out

Sample Name: cri Acquired: 1/16/2023 11:57:45 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0047**	**.1967**	**.0081**	**.1012**	**.1977**	**.0021**	**.0183**	**5.199**	**.0025**
Stddev	.0002	.0099	.0014	.0011	.0001	.0000	.0005	.015	.0004
%RSD	4.672	5.051	17.09	1.107	.0484	.9692	2.675	.2907	15.56
#1	.0044	.2054	.0067	.1013	.1976	.0021	.0177	5.216	.0028
#2	.0049	.1859	.0081	.1022	.1976	.0021	.0187	5.194	.0026
#3	.0047	.1986	.0094	.1000	.1978	.0021	.0184	5.187	.0020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0496**	**.0095**	**.0100**	**.1060**	**5.223**	**.0531**	**5.243**	**.0153**
Stddev	.0017	.0005	.0001	.0004	.0017	.014	.0010	.005	.0001
%RSD	341.0	.9642	.8839	3.966	1.613	.2706	1.795	.1028	.6345
#1	.0003	.0495	.0096	.0104	.1074	5.236	.0533	5.237	.0153
#2	-.0011	.0501	.0096	.0101	.1041	5.208	.0520	5.246	.0153
#3	.0023	.0491	.0094	.0096	.1064	5.225	.0539	5.246	.0152
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0200**	**5.169**	**.0101**	**.0479**	F **.0042**	**.0528**	F **.0075**	F **.0121**	**.2121**
Stddev	.0001	.015	.0003	.0021	.0015	.0006	.0022	.0020	.0007
%RSD	.7057	.2881	3.440	4.438	36.66	1.064	28.50	16.68	.3423
#1	.0202	5.175	.0102	.0500	.0024	.0533	.0099	.0137	.2113
#2	.0200	5.152	.0104	.0479	.0053	.0529	.0058	.0128	.2127
#3	.0199	5.180	.0097	.0457	.0048	.0522	.0069	.0099	.2123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Pass
Value					.0030		.0060	.0100	
Range					20.00%		20.00%	20.00%	

Zoom In Zoom Out

Sample Name: cri Acquired: 1/16/2023 11:57:45 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0105**	**.0099**	**.0097**	**.0118**	**.0493**	**.0492**	**.0205**	**.0106**
Stddev	.0007	.0002	.0001	.0007	.0002	.0015	.0002	.0001
%RSD	6.753	1.585	.5216	6.291	.3341	2.990	1.156	.6857
#1	.0100	.0098	.0098	.0125	.0492	.0492	.0204	.0106
#2	.0101	.0101	.0097	.0110	.0494	.0506	.0207	.0107
#3	.0113	.0098	.0097	.0118	.0491	.0477	.0203	.0106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7381.4**	**109060.**	**14048.**	**3007.7**
Stddev	36.8	279.	51.	13.8
%RSD	.49893	.25540	.36240	.45992
#1	7378.5	109070.	13993.	3008.3
#2	7346.1	108780.	14094.	2993.6
#3	7419.5	109340.	14057.	3021.3

Zoom In Zoom Out

Sample Name: crid Acquired: 1/16/2023 12:02:56 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0001**	**.0963**	F **.0016**	**.0021**	**.0039**	**.0010**	**-.0009**	**1.027**
Stddev	.0000	.0007	.0009	.0007	.0001	.0000	.0022	.002
%RSD	81.02	.7747	58.67	35.10	3.094	4.406	254.3	.1678
#1	-.0001	.0971	.0007	.0013	.0039	.0010	-.0024	1.029
#2	-.0001	.0956	.0025	.0026	.0040	.0010	-.0018	1.025
#3	-.0000	.0962	.0014	.0025	.0038	.0010	.0016	1.027
Check ?	Chk Fail	Chk Pass	Chk Fail	None	Chk Pass	Chk Pass	None	Chk Pass
Value	.0020		.0030					
Range	-20.00%		-20.00%					

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**.0014**	**.0028**	**.0018**	F **.0000**	**-.0005**	**2.039**	**-.0016**
Stddev	.0001	.0025	.0003	.0004	.0001	.0021	.061	.0007
%RSD	7.790	182.8	11.55	21.12	548.2	374.4	2.971	42.57
#1	.0012	-.0012	.0027	.0016	-.0001	-.0017	2.097	-.0017
#2	.0012	.0038	.0031	.0015	-.0000	.0018	2.044	-.0009
#3	.0011	.0015	.0025	.0022	.0002	-.0018	1.976	-.0022
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Fail	None	Chk Pass	None
Value					.0020			
Range					-20.00%			

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0871**	**.0030**	**.0000**	**1.023**	**.0043**	**-.0013**	F **.0005**	**.0005**
Stddev	.0031	.0000	.0003	.007	.0003	.0011	.0009	.0024
%RSD	3.512	1.100	1037.	.6420	7.577	82.55	184.0	495.2
#1	.0907	.0030	.0002	1.030	.0046	-.0009	.0011	.0020
#2	.0856	.0030	-.0003	1.017	.0040	-.0026	.0009	-.0023
#3	.0851	.0030	.0001	1.021	.0041	-.0006	-.0005	.0018
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Fail	None
Value							.0025	
Range							-20.00%	

Zoom In Zoom Out

Sample Name: crid Acquired: 1/16/2023 12:02:56 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.0008**	F **.0036**	**.0039**	**.0001**	**-.0000**	**.0001**	F **.0015**	F **.0015**
Stddev	.0010	.0039	.0009	.0008	.0000	.0001	.0014	.0003
%RSD	129.6	110.1	23.39	557.3	81.99	91.82	94.29	17.99
#1	-.0003	.0053	.0038	.0010	-.0001	.0002	.0027	.0018
#2	.0018	.0064	.0031	-.0006	-.0000	.0001	.0019	.0013
#3	.0009	-.0009	.0049	.0000	-.0000	.0000	-.0001	.0014
Check ?	Chk Fail	Chk Fail	None	None	None	None	Chk Fail	Chk Fail
Value	.0030	.0050					.0020	.0020
Range	-20.00%	-20.00%					-20.00%	-20.00%

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0004**	**.0093**	**-.0000**
Stddev	.0010	.0002	.0000
%RSD	241.2	1.977	195.4
#1	.0008	.0092	-.0000
#2	-.0011	.0093	.0000
#3	-.0010	.0096	-.0001
Check ?	None	Chk Pass	None
Value			
Range			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7409.5**	**109160.**	**14084.**	**3006.9**
Stddev	16.2	496.	55.	5.2
%RSD	.21925	.45409	.39113	.17301
#1	7407.5	108810.	14147.	3008.2
#2	7426.7	109730.	14044.	3011.4
#3	7394.4	108940.	14060.	3001.2

Zoom In Zoom Out

Sample Name: icsa Acquired: 1/16/2023 12:08:09 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0036**	**524.6**	**.0014**	**.0023**	**.0020**	**.0003**	**-.0059**	**403.0**	**.0001**
Stddev	.0003	3.8	.0012	.0008	.0001	.0000	.0027	1.5	.0006
%RSD	9.050	.7207	83.61	36.55	5.936	11.59	45.38	.3653	522.1
#1	.0036	526.0	.0027	.0025	.0021	.0004	-.0080	404.2	-.0005
#2	.0033	527.5	.0002	.0031	.0021	.0003	-.0068	401.4	.0002
#3	.0040	520.3	.0015	.0014	.0019	.0003	-.0029	403.4	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0426**	**.0013**	**-.0001**	**.0044**	**204.3**	**.0458**	**-.0069**	**514.8**	**.0058**
Stddev	.0023	.0004	.0002	.0003	.4	.0515	.0005	1.4	.0001
%RSD	5.477	32.66	220.5	6.656	.1840	112.4	7.511	.2734	2.185
#1	.0451	.0010	-.0004	.0047	204.7	.0751	-.0074	516.2	.0058
#2	.0422	.0011	.0000	.0044	204.0	-.0137	-.0065	513.4	.0057
#3	.0405	.0018	.0001	.0042	204.2	.0761	-.0066	514.8	.0059
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**.1041**	**-.0016**	**.0113**	**.0010**	**-.0042**	**-.0001**	**.0095**	**-.0018**
Stddev	.0006	.0023	.0001	.0023	.0025	.0038	.0016	.0048	.0009
%RSD	54.25	2.167	7.277	19.84	240.5	89.37	1983.	50.41	49.69
#1	.0012	.1041	-.0016	.0108	.0022	-.0040	-.0019	.0142	-.0015
#2	.0005	.1018	-.0017	.0094	.0027	-.0081	.0007	.0095	-.0011
#3	.0016	.1063	-.0015	.0138	-.0018	-.0006	.0010	.0047	-.0028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: icsa Acquired: 1/16/2023 12:08:09 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**-.0037**	**-.0014**	F **.0043**	**-.0008**	**.0144**	**.0080**	**-.0079**
Stddev	.0012	.0002	.0001	.0036	.0001	.0033	.0002	.0002
%RSD	84.53	4.468	5.581	83.68	12.58	22.77	2.183	2.641
#1	.0022	-.0037	-.0015	.0037	-.0008	.0129	.0078	-.0076
#2	.0000	-.0035	-.0014	.0011	-.0009	.0121	.0082	-.0080
#3	.0021	-.0038	-.0014	.0083	-.0007	.0181	.0080	-.0079
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.0040				
Low Limit				-.0040				

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6691.3**	**99913.**	**13879.**	**2759.9**
Stddev	12.0	342.	84.	9.0
%RSD	.17945	.34227	.60369	.32672
#1	6704.4	99839.	13823.	2768.8
#2	6680.8	99614.	13976.	2750.8
#3	6688.6	100290.	13839.	2759.9

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 1/16/2023 12:13:28 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.068**	**514.6**	**1.015**	**.5213**	**.4856**	**.4870**	**.5189**	**395.4**	**1.042**
Stddev	.002	6.9	.002	.0011	.0012	.0011	.0023	2.1	.001
%RSD	.1494	1.348	.1444	.2113	.2381	.2335	.4449	.5400	.0445
#1	1.070	517.6	1.016	.5224	.4869	.4871	.5195	397.6	1.043
#2	1.069	519.5	1.016	.5202	.4854	.4880	.5164	393.3	1.042
#3	1.067	506.7	1.014	.5212	.4846	.4858	.5209	395.3	1.042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5594**	**.4757**	**.4798**	**.5364**	**199.3**	**.0364**	**.5297**	**508.2**	**.5073**
Stddev	.0050	.0011	.0009	.0014	.4	.0181	.0005	1.9	.0012
%RSD	.8907	.2368	.1825	.2629	.2095	49.68	.0870	.3647	.2450
#1	.5608	.4744	.4804	.5362	199.4	.0245	.5301	508.7	.5076
#2	.5635	.4764	.4803	.5379	199.7	.0572	.5296	509.8	.5083
#3	.5538	.4762	.4788	.5351	198.8	.0275	.5292	506.1	.5059
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4870**	**.0460**	**.9318**	**.4443**	**.9472**	**.5079**	**1.058**	**.9688**	**.5580**
Stddev	.0006	.0084	.0010	.0009	.0036	.0040	.006	.0021	.0035
%RSD	.1144	18.25	.1047	.2119	.3812	.7789	.6030	.2178	.6250
#1	.4875	.0432	.9329	.4433	.9451	.5064	1.052	.9669	.5574
#2	.4864	.0393	.9314	.4444	.9514	.5049	1.065	.9710	.5549
#3	.4869	.0554	.9310	.4451	.9451	.5124	1.057	.9684	.5618
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ICSAB Acquired: 1/16/2023 12:13:28 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4784**	**.4991**	**.4902**	**.9213**	**.4955**	**.4925**	**.9711**	**.4265**
Stddev	.0012	.0015	.0018	.0010	.0009	.0006	.0012	.0012
%RSD	.2528	.3095	.3679	.1075	.1747	.1295	.1221	.2924
#1	.4793	.4996	.4913	.9222	.4957	.4925	.9723	.4258
#2	.4770	.5004	.4911	.9202	.4963	.4919	.9710	.4280
#3	.4787	.4974	.4881	.9215	.4946	.4931	.9699	.4258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6676.3**	**100050.**	**13810.**	**2750.5**
Stddev	9.4	350.	60.	3.6
%RSD	.14150	.34935	.43628	.13200
#1	6667.4	99816.	13783.	2746.6
#2	6675.3	99880.	13768.	2751.1
#3	6686.2	100450.	13879.	2753.8

Zoom In Zoom Out

Sample Name: hstd Acquired: 1/16/2023 12:18:39 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6192**	**.0502**	**7.833**	**7.952**	**7.816**	**7.990**	**8.078**	**.0052**	**7.749**
Stddev	.0026	.0016	.032	.037	.020	.182	.032	.0030	.028
%RSD	.4200	3.090	.4017	.4602	.2586	2.275	.3960	56.78	.3636
#1	.6219	.0490	7.851	7.974	7.832	8.153	8.101	.0021	7.760
#2	.6168	.0497	7.797	7.909	7.822	8.025	8.041	.0080	7.717
#3	.6190	.0520	7.851	7.971	7.793	7.794	8.091	.0057	7.770
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0035**	**7.958**	**8.025**	**7.831**	**-.0893**	**-.0130**	**8.033**	**-.1157**	**7.949**
Stddev	.0038	.027	.030	.029	.0019	.0134	.013	.0070	.041
%RSD	108.4	.3433	.3715	.3700	2.152	103.1	.1590	6.079	.5153
#1	-.0030	7.957	8.053	7.864	-.0881	-.0030	8.043	-.1081	7.985
#2	-.0075	7.931	7.994	7.808	-.0882	-.0281	8.038	-.1169	7.904
#3	.0000	7.986	8.030	7.822	-.0915	-.0078	8.019	-.1220	7.959
Check ?	None	Chk Pass	Chk Pass	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.961**	**.1033**	**7.939**	**7.803**	**7.936**	**95.09**	**7.862**	**7.909**	**26.07**
Stddev	.030	.0019	.026	.030	.023	.38	.028	.017	.11
%RSD	.3713	1.843	.3321	.3816	.2872	.4024	.3612	.2198	.4124
#1	7.974	.1053	7.931	7.821	7.943	95.31	7.876	7.918	26.11
#2	7.927	.1015	7.917	7.769	7.911	94.65	7.830	7.889	25.95
#3	7.982	.1032	7.968	7.820	7.954	95.32	7.882	7.919	26.16
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: hstd Acquired: 1/16/2023 12:18:39 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.998**	**7.923**	**7.922**	**7.966**	**7.934**	**8.086**	**7.968**	**7.729**
Stddev	.029	.199	.029	.022	.031	.038	.021	.016
%RSD	.3624	2.514	.3607	.2826	.3908	.4696	.2659	.2083
#1	8.004	7.969	7.949	7.983	7.962	8.094	7.963	7.744
#2	7.966	7.705	7.892	7.941	7.901	8.045	7.951	7.732
#3	8.023	8.095	7.925	7.974	7.941	8.120	7.992	7.712
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7419.6**	**107200.**	**14084.**	**2962.9**
Stddev	29.5	316.	67.	8.8
%RSD	.39720	.29455	.47685	.29596
#1	7448.3	107110.	14101.	2969.4
#2	7421.2	107550.	14010.	2966.4
#3	7389.4	106940.	14141.	2952.9

Zoom In Zoom Out

Sample Name: hstd Acquired: 1/16/2023 12:24:04 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037**	**308.2**	**.0012**	**.0089**	**.0012**	**.0003**	**-.0068**	**196.6**	**-.0000**
Stddev	.0004	1.1	.0002	.0008	.0001	.0000	.0016	.7	.0002
%RSD	10.33	.3689	20.65	9.028	9.304	10.21	22.75	.3326	608.5
#1	.0039	309.5	.0014	.0092	.0012	.0003	-.0078	197.3	-.0002
#2	.0040	308.0	.0009	.0080	.0014	.0003	-.0076	196.6	-.0001
#3	.0033	307.2	.0012	.0095	.0011	.0003	-.0050	196.0	.0002
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass	None
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0402**	**.0003**	**-.0003**	**.0037**	**197.3**	**206.9**	**.0006**	**304.7**	**.0051**
Stddev	.0017	.0005	.0002	.0001	.6	.8	.0019	1.1	.0001
%RSD	4.270	159.5	73.85	2.061	.3007	.3991	342.1	.3765	2.037
#1	.0413	.0005	-.0005	.0038	197.9	207.8	-.0012	306.0	.0052
#2	.0383	-.0003	-.0002	.0036	197.2	206.8	.0026	304.4	.0052
#3	.0412	.0007	-.0001	.0037	196.8	206.2	.0003	303.8	.0050
Check ?	None	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	None
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026**	**206.0**	**-.0011**	**.0080**	**-.0003**	**.0215**	**.0051**	**.0030**	**.0064**
Stddev	.0005	.9	.0010	.0009	.0032	.0019	.0031	.0034	.0013
%RSD	20.56	.4534	90.00	10.81	918.6	8.613	60.00	113.8	20.25
#1	.0027	207.1	-.0017	.0086	.0013	.0214	.0081	.0029	.0063
#2	.0020	205.8	.0000	.0084	.0017	.0197	.0019	-.0004	.0077
#3	.0030	205.2	-.0015	.0070	-.0040	.0234	.0054	.0065	.0051
Check ?	None	Chk Pass	None	None	None	None	None	None	None
Value									
Range									

Zoom In Zoom Out

Sample Name: hstd Acquired: 1/16/2023 12:24:04 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0018**	**.0000**	**.0038**	**-.0005**	**.0103**	**.0033**	**-.0072**
Stddev	.0013	.0001	.0002	.0061	.0002	.0008	.0003	.0003
%RSD	659.9	3.983	716.7	160.3	40.48	7.922	9.565	3.475
#1	.0013	-.0019	-.0002	-.0020	-.0006	.0093	.0036	-.0075
#2	.0005	-.0018	.0000	.0033	-.0006	.0107	.0032	-.0071
#3	-.0012	-.0018	.0002	.0102	-.0003	.0108	.0030	-.0070
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6682.8**	**101480.**	**13693.**	**2774.1**
Stddev	11.1	24.	23.	2.7
%RSD	.16646	.02380	.17101	.09788
#1	6670.3	101460.	13684.	2773.7
#2	6686.7	101470.	13676.	2777.0
#3	6691.5	101500.	13720.	2771.6

Zoom In Zoom Out

Sample Name: feconf Acquired: 1/16/2023 12:29:12 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**-.0110**	**.0020**	**.0033**	**.0001**	**.0001**	**-.0073**	**-.0183**	**.0002**
Stddev	.0005	.0053	.0005	.0019	.0002	.0000	.0012	.0004	.0003
%RSD	14.26	48.12	24.62	56.37	160.4	33.94	16.77	2.427	106.3
#1	.0039	-.0095	.0023	.0027	-.0000	.0001	-.0076	-.0187	.0001
#2	.0030	-.0168	.0014	.0054	.0001	.0002	-.0084	-.0178	.0001
#3	.0033	-.0066	.0022	.0018	.0003	.0002	-.0060	-.0183	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0413**	**.0009**	**-.0009**	**.0025**	F **219.9**	**.0827**	**.0004**	**-.0055**	**.0045**
Stddev	.0014	.0004	.0002	.0003	.2	.0169	.0015	.0258	.0001
%RSD	3.278	48.57	24.70	11.30	.1115	20.49	398.8	466.8	1.572
#1	.0402	.0006	-.0009	.0029	220.1	.0894	-.0002	-.0265	.0046
#2	.0428	.0013	-.0007	.0024	219.9	.0634	-.0008	-.0133	.0046
#3	.0408	.0006	-.0012	.0024	219.6	.0953	.0020	.0232	.0044

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0297**	**-.0011**	**-.0063**	**.0028**	**.0020**	**.0100**	**.0025**	**.0035**
Stddev	.0001	.0101	.0004	.0015	.0016	.0010	.0016	.0007	.0007
%RSD	54.67	33.95	36.58	23.93	56.82	49.16	15.70	29.77	20.44
#1	.0002	.0262	-.0007	-.0079	.0040	.0020	.0083	.0022	.0029
#2	.0001	.0219	-.0012	-.0049	.0010	.0010	.0113	.0033	.0034
#3	.0001	.0411	-.0015	-.0059	.0033	.0030	.0103	.0019	.0043

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048**	**-.0001**	**.0003**	**.0005**	**-.0008**	**.0006**	**-.0030**	**-.0080**
Stddev	.0003	.0000	.0003	.0024	.0003	.0015	.0002	.0001
%RSD	5.616	12.56	109.4	454.6	36.40	269.7	7.732	1.024
#1	.0045	-.0001	.0004	-.0017	-.0004	.0023	-.0028	-.0081
#2	.0050	-.0001	.0004	.0002	-.0009	-.0005	-.0031	-.0081
#3	.0048	-.0001	-.0001	.0031	-.0009	-.0001	-.0032	-.0080

Zoom In Zoom Out

Sample Name: feconf Acquired: 1/16/2023 12:29:12 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7472.3**	**108040.**	**13888.**	**2961.7**
Stddev	13.2	441.	76.	8.8
%RSD	.17668	.40858	.54913	.29599
#1	7467.0	107550.	13828.	2954.5
#2	7487.3	108410.	13862.	2971.4
#3	7462.6	108160.	13974.	2959.1

Zoom In Zoom Out

Sample Name: crconf Acquired: 1/16/2023 12:34:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**-.0100**	**.0023**	**.0041**	**.0001**	**.0001**	**-.0001**	**-.0048**	**-.0004**
Stddev	.0000	.0141	.0011	.0005	.0002	.0000	.0013	.0009	.0003
%RSD	16.50	141.3	47.21	11.33	191.6	22.76	1068.	19.56	69.58
#1	-.0003	-.0018	.0011	.0036	-.0001	.0002	-.0014	-.0055	-.0004
#2	-.0003	-.0019	.0025	.0040	.0001	.0002	-.0002	-.0037	-.0001
#3	-.0002	-.0262	.0032	.0045	.0003	.0001	.0013	-.0050	-.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023**	**.0015**	F **9.854**	**-.0002**	**-.0037**	**.0347**	**-.0001**	**-.0146**	**-.0012**
Stddev	.0024	.0002	.034	.0002	.0029	.0203	.0012	.0094	.0001
%RSD	103.3	11.02	.3409	98.19	79.02	58.59	964.7	64.34	5.488
#1	.0020	.0017	9.879	-.0001	-.0065	.0388	.0011	-.0198	-.0012
#2	.0049	.0013	9.816	-.0005	-.0007	.0527	-.0013	-.0201	-.0012
#3	.0001	.0016	9.866	-.0001	-.0039	.0127	-.0001	-.0037	-.0011

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0155**	**-.0002**	**-.0059**	**-.0011**	**.0016**	**.0105**	**-.0008**	**-.0093**
Stddev	.0003	.0062	.0001	.0012	.0013	.0037	.0022	.0015	.0012
%RSD	64.66	40.10	58.32	19.57	112.1	231.6	21.39	177.8	13.24
#1	.0001	.0100	-.0002	-.0071	-.0018	-.0006	.0079	-.0013	-.0081
#2	.0006	.0223	-.0003	-.0048	-.0019	-.0005	.0115	.0008	-.0105
#3	.0006	.0143	-.0001	-.0058	.0003	.0058	.0121	-.0020	-.0094

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**.0000**	**-.0016**	**-.0005**	**-.0072**	**-.0003**	**-.0018**	**-.0023**
Stddev	.0006	.0001	.0003	.0015	.0002	.0004	.0001	.0001
%RSD	50.39	3327.	16.95	311.0	3.196	158.5	6.227	2.350
#1	.0010	.0001	-.0018	-.0005	-.0073	.0002	-.0019	-.0023
#2	.0018	.0000	-.0013	-.0020	-.0070	-.0006	-.0018	-.0023
#3	.0007	-.0001	-.0019	.0010	-.0074	-.0004	-.0017	-.0024

Zoom In Zoom Out

Sample Name: crconf Acquired: 1/16/2023 12:34:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7320.6**	**109000.**	**13909.**	**2937.5**
Stddev	69.4	817.	58.	28.2
%RSD	.94758	.74981	.41918	.96045
#1	7241.6	108520.	13841.	2905.6
#2	7348.6	109940.	13944.	2947.6
#3	7371.6	108540.	13941.	2959.2

Zoom In Zoom Out

Sample Name: asconf Acquired: 1/16/2023 12:39:40 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0134**	**5.273**	**.0027**	**.0001**	**.0000**	**.0006**	**-.0059**	**.0017**
Stddev	.0002	.0060	.012	.0014	.0000	.0000	.0014	.0009	.0005
%RSD	30.00	44.96	.2256	52.03	16.22	211.1	238.6	15.30	31.78
#1	-.0007	.0182	5.283	.0039	.0001	-.0000	-.0010	-.0061	.0012
#2	-.0006	.0066	5.277	.0030	.0001	.0000	.0014	-.0049	.0015
#3	-.0004	.0156	5.260	.0012	.0002	.0000	.0013	-.0067	.0022

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**.0003**	**-.0000**	**.0003**	**-.0024**	**.0083**	**-.0002**	**-.0175**	**-.0001**
Stddev	.0015	.0002	.0002	.0004	.0013	.0166	.0015	.0128	.0000
%RSD	119.1	89.37	1472.	153.9	54.28	200.3	673.0	73.32	68.11
#1	.0005	.0000	-.0002	.0007	-.0035	-.0074	-.0013	-.0216	-.0001
#2	.0003	.0005	.0002	.0002	-.0010	.0256	-.0008	-.0278	-.0000
#3	.0030	.0002	-.0000	-.0001	-.0025	.0066	.0015	-.0031	-.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0176**	**.0000**	**-.0019**	**-.0001**	**.0009**	**.0065**	**.0006**	**.0003**
Stddev	.0003	.0074	.0001	.0012	.0015	.0009	.0004	.0007	.0005
%RSD	477.6	41.98	167.9	59.52	1745.	97.40	5.608	121.8	143.7
#1	.0002	.0096	-.0000	-.0033	.0016	.0020	.0061	.0013	.0005
#2	-.0002	.0242	.0001	-.0012	-.0012	.0005	.0068	.0003	-.0002
#3	.0002	.0190	.0001	-.0013	-.0007	.0003	.0066	.0000	.0007

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0000**	**.0005**	**.0035**	**-.0000**	**-.0002**	**-.0006**	**-.0002**
Stddev	.0008	.0001	.0001	.0026	.0003	.0003	.0001	.0003
%RSD	106.6	187.6	15.64	75.40	2585.	123.8	20.90	167.8
#1	-.0017	.0001	.0006	.0064	.0003	-.0000	-.0006	-.0001
#2	-.0007	-.0000	.0005	.0015	-.0003	-.0001	-.0005	-.0005
#3	-.0000	.0000	.0004	.0025	-.0000	-.0006	-.0007	.0000

Zoom In Zoom Out

Sample Name: asconf Acquired: 1/16/2023 12:39:40 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7371.7**	**108460.**	**13962.**	**2991.3**
Stddev	22.3	327.	55.	9.0
%RSD	.30241	.30141	.39371	.29963
#1	7348.6	108780.	13986.	2981.6
#2	7373.4	108120.	13899.	2992.8
#3	7393.1	108470.	14001.	2999.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 12:44:53 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2538**	**39.91**	**2.088**	**2.079**	**2.003**	**2.043**	**2.070**	**39.99**	**2.044**
Stddev	.0009	.14	.029	.030	.005	.005	.024	.13	.028
%RSD	.3515	.3443	1.408	1.465	.2731	.2656	1.170	.3146	1.385
#1	.2543	40.00	2.071	2.060	2.009	2.049	2.053	40.09	2.025
#2	.2544	39.76	2.071	2.064	1.998	2.039	2.059	39.85	2.030
#3	.2528	39.98	2.122	2.115	2.002	2.042	2.098	40.02	2.076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.052**	**2.047**	**2.031**	**2.004**	**40.21**	**39.70**	**2.015**	**40.05**	**2.051**
Stddev	.003	.030	.005	.005	.11	.13	.008	.14	.005
%RSD	.1605	1.459	.2358	.2492	.2712	.3266	.3802	.3571	.2329
#1	2.048	2.027	2.027	2.001	40.30	39.78	2.023	40.15	2.048
#2	2.054	2.033	2.036	2.010	40.09	39.55	2.008	39.89	2.057
#3	2.054	2.081	2.030	2.001	40.24	39.77	2.016	40.12	2.049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.102**	**40.31**	**2.080**	**2.053**	**2.080**	**2.073**	**2.086**	**2.070**	**5.206**
Stddev	.032	.13	.030	.023	.029	.030	.030	.032	.084
%RSD	1.497	.3340	1.428	1.127	1.403	1.473	1.451	1.550	1.614
#1	2.080	40.43	2.061	2.039	2.060	2.049	2.066	2.043	5.148
#2	2.087	40.17	2.063	2.040	2.066	2.063	2.072	2.061	5.168
#3	2.138	40.35	2.114	2.080	2.113	2.108	2.121	2.105	5.302
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 12:44:53 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.099**	**2.046**	**2.050**	**2.084**	**2.020**	**2.095**	**2.040**	**2.047**
Stddev	.028	.008	.004	.032	.005	.030	.030	.005
%RSD	1.317	.3732	.1996	1.552	.2405	1.434	1.497	.2424
#1	2.081	2.054	2.047	2.067	2.017	2.073	2.021	2.044
#2	2.085	2.039	2.055	2.063	2.026	2.083	2.024	2.053
#3	2.131	2.044	2.048	2.121	2.017	2.129	2.075	2.044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7034.8**	**105550.**	**13903.**	**2898.4**
Stddev	88.6	298.	114.	37.8
%RSD	1.2599	.28274	.81674	1.3025
#1	7093.9	105860.	13880.	2923.6
#2	7077.6	105260.	14026.	2916.6
#3	6932.9	105510.	13803.	2855.0

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 12:49:44 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0006**	**.0011**	**.0047**	**.0001**	**.0000**	**-.0012**	**-.0045**	**.0001**
Stddev	.0001	.0024	.0016	.0009	.0001	.0000	.0016	.0034	.0004
%RSD	45.33	413.3	143.9	19.32	118.3	103.8	140.0	75.33	301.2
#1	-.0002	.0013	.0017	.0055	.0002	.0000	.0005	-.0065	.0002
#2	-.0004	.0025	.0023	.0049	-.0000	.0001	-.0028	-.0006	-.0003
#3	-.0003	-.0021	-.0007	.0037	.0001	.0000	-.0012	-.0063	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**.0002**	**-.0003**	**.0002**	**-.0035**	**.0060**	**.0006**	**-.0124**	**-.0000**
Stddev	.0005	.0003	.0004	.0001	.0020	.0113	.0021	.0071	.0000
%RSD	32.31	157.6	164.3	64.40	57.80	187.2	373.9	56.95	70.42
#1	.0014	-.0001	-.0006	.0003	-.0016	-.0068	.0027	-.0139	-.0000
#2	.0011	.0004	-.0004	.0001	-.0034	.0106	-.0015	-.0187	-.0000
#3	.0021	.0002	.0002	.0001	-.0056	.0143	.0005	-.0047	-.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0126**	**.0002**	**-.0014**	**.0002**	**-.0010**	**.0000**	**.0008**	**.0001**
Stddev	.0002	.0088	.0002	.0017	.0007	.0028	.0012	.0008	.0018
%RSD	40.44	69.70	149.1	124.3	429.6	281.8	3709.	99.17	2838.
#1	.0007	.0226	.0001	-.0006	.0000	-.0042	.0005	-.0001	-.0007
#2	.0006	.0068	-.0000	-.0002	-.0005	.0005	-.0014	.0012	.0021
#3	.0003	.0083	.0004	-.0033	.0010	.0008	.0009	.0013	-.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 12:49:44 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0001**	**.0000**	**.0008**	**-.0000**	**.0006**	**-.0012**	**.0001**
Stddev	.0004	.0001	.0003	.0012	.0003	.0005	.0002	.0002
%RSD	133.2	37.81	698.2	140.5	6332.	82.31	18.33	202.7
#1	.0007	-.0002	-.0003	-.0002	.0000	.0008	-.0010	-.0001
#2	.0001	-.0001	.0002	.0005	-.0003	.0009	-.0014	.0003
#3	.0000	-.0002	.0002	.0021	.0003	.0000	-.0013	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7346.8**	**109080.**	**13968.**	**2979.5**
Stddev	14.3	744.	35.	5.2
%RSD	.19480	.68206	.25315	.17501
#1	7361.5	109530.	14008.	2984.5
#2	7332.9	109490.	13939.	2974.1
#3	7346.1	108220.	13958.	2979.7

Zoom In Zoom Out

Sample Name: cri Acquired: 1/16/2023 12:54:59 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050**	**.2049**	**.0090**	**.1049**	**.1978**	**.0020**	**.0194**	**5.184**	**.0027**
Stddev	.0001	.0078	.0006	.0017	.0005	.0001	.0011	.008	.0002
%RSD	2.037	3.787	6.712	1.589	.2309	3.737	5.480	.1489	7.510
#1	.0049	.2128	.0095	.1068	.1980	.0020	.0203	5.175	.0028
#2	.0050	.1973	.0091	.1041	.1982	.0021	.0182	5.187	.0024
#3	.0051	.2047	.0084	.1038	.1973	.0020	.0196	5.189	.0028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**.0504**	**.0095**	**.0101**	**.1037**	**5.126**	**.0527**	**5.210**	**.0154**
Stddev	.0025	.0002	.0002	.0002	.0033	.034	.0018	.012	.0001
%RSD	130.3	.4010	2.425	1.624	3.209	.6542	3.348	.2220	.3606
#1	.0043	.0502	.0096	.0099	.1007	5.152	.0508	5.203	.0155
#2	.0020	.0505	.0097	.0101	.1073	5.139	.0542	5.224	.0154
#3	-.0006	.0505	.0093	.0102	.1031	5.088	.0531	5.204	.0154
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0203**	**5.227**	**.0103**	**.0485**	**.0030**	**.0533**	**.0069**	**.0111**	**.2161**
Stddev	.0003	.020	.0004	.0020	.0009	.0037	.0015	.0026	.0003
%RSD	1.443	.3832	3.539	4.107	30.23	6.931	22.13	23.11	.1407
#1	.0206	5.247	.0100	.0470	.0032	.0575	.0056	.0112	.2162
#2	.0200	5.226	.0101	.0507	.0039	.0504	.0066	.0135	.2158
#3	.0201	5.207	.0107	.0476	.0020	.0521	.0086	.0084	.2163
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: cri Acquired: 1/16/2023 12:54:59 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0095**	**.0102**	**.0101**	**.0109**	**.0498**	**.0499**	**.0204**	**.0108**
Stddev	.0006	.0001	.0002	.0017	.0003	.0005	.0001	.0001
%RSD	6.080	1.031	1.610	15.54	.5418	.9219	.6403	1.348
#1	.0096	.0103	.0101	.0093	.0501	.0496	.0204	.0108
#2	.0089	.0102	.0099	.0127	.0495	.0504	.0205	.0109
#3	.0101	.0100	.0103	.0108	.0499	.0496	.0203	.0106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7295.8**	**107890.**	**13903.**	**2966.2**
Stddev	13.9	51.	68.	4.5
%RSD	.19057	.04735	.48620	.15019
#1	7284.5	107940.	13967.	2962.6
#2	7291.5	107910.	13909.	2964.7
#3	7311.3	107840.	13832.	2971.2

Zoom In Zoom Out

Sample Name: crid Acquired: 1/16/2023 13:00:11 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.0002**	**.1016**	**.0025**	**.0034**	**.0040**	**.0010**	**.0006**	**1.027**	**.0009**
Stddev	.0004	.0048	.0004	.0009	.0001	.0000	.0011	.002	.0003
%RSD	286.4	4.736	14.93	27.84	1.909	1.404	167.5	.2027	28.78
#1	-.0001	.0967	.0021	.0042	.0040	.0010	.0015	1.029	.0011
#2	.0007	.1063	.0028	.0023	.0040	.0009	-.0005	1.025	.0010
#3	-.0001	.1019	.0026	.0036	.0041	.0010	.0009	1.027	.0006
Check ?	Chk Fail	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value	.0020								
Range	-20.00%								

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0033**	**.0032**	F **.0015**	F **.0003**	**-.0014**	**1.989**	**-.0012**	**.0912**	**.0031**
Stddev	.0012	.0002	.0004	.0003	.0022	.031	.0019	.0144	.0000
%RSD	36.14	6.220	24.78	90.01	151.1	1.581	162.9	15.76	1.090
#1	.0025	.0034	.0018	.0005	-.0030	2.007	-.0002	.1009	.0031
#2	.0047	.0033	.0011	-.0000	.0010	2.007	.0000	.0981	.0031
#3	.0028	.0030	.0015	.0005	-.0024	1.953	-.0034	.0747	.0031
Check ?	None	Chk Pass	Chk Fail	Chk Fail	None	Chk Pass	None	Chk Pass	Chk Pass
Value			.0020	.0020					
Range			-20.00%	-20.00%					

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**1.041**	**.0039**	**-.0014**	F **.0020**	**.0013**	F **.0006**	**.0061**	**.0035**
Stddev	.0004	.012	.0001	.0004	.0008	.0018	.0012	.0009	.0007
%RSD	174.2	1.160	2.252	26.14	39.78	140.4	206.1	15.00	20.28
#1	-.0001	1.043	.0038	-.0017	.0029	.0024	-.0006	.0066	.0028
#2	.0006	1.052	.0038	-.0010	.0014	-.0008	.0018	.0066	.0035
#3	.0001	1.028	.0040	-.0017	.0017	.0022	.0005	.0050	.0043
Check ?	None	Chk Pass	Chk Pass	None	Chk Fail	None	Chk Fail	Chk Pass	None
Value					.0025		.0030		
Range					-20.00%		-20.00%		

Zoom In Zoom Out

Sample Name: crid Acquired: 1/16/2023 13:00:11 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0001**	**.0001**	F **.0039**	**.0020**	**.0002**	**.0095**	**-.0001**
Stddev	.0004	.0002	.0001	.0021	.0004	.0006	.0001	.0001
%RSD	288.9	163.6	81.36	52.39	19.97	273.1	1.215	126.3
#1	.0001	-.0002	.0001	.0016	.0023	.0008	.0095	-.0001
#2	.0001	.0001	.0002	.0053	.0016	-.0004	.0096	.0000
#3	-.0006	-.0003	.0000	.0050	.0021	.0002	.0094	-.0001
Check ?	None	None	None	Chk Fail	Chk Pass	None	Chk Pass	None
Value				.0020				
Range				20.00%				

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7321.6**	**107940.**	**13879.**	**2971.7**
Stddev	12.0	162.	103.	8.8
%RSD	.16440	.15019	.74396	.29509
#1	7307.7	108110.	13972.	2966.4
#2	7329.0	107940.	13898.	2981.8
#3	7328.1	107780.	13768.	2966.8

Zoom In Zoom Out

Sample Name: mp37422-mb1 Acquired: 1/16/2023 13:05:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0648**	**-.0019**	**.0036**	**.0010**	**.0001**	**.0013**	**.1714**	**.0002**
Stddev	.0004	.0062	.0010	.0002	.0002	.0001	.0002	.0029	.0002
%RSD	145.7	9.505	53.50	4.365	19.36	97.06	19.62	1.680	75.90
#1	-.0008	.0618	-.0020	.0038	.0009	.0001	.0010	.1686	.0003
#2	-.0001	.0718	-.0028	.0036	.0009	.0001	.0013	.1744	.0000
#3	.0000	.0606	-.0008	.0035	.0012	-.0000	.0015	.1712	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029**	**-.0002**	**.0004**	**.0024**	**.1001**	**.0581**	**-.0008**	**.0694**	**.0019**
Stddev	.0035	.0005	.0002	.0001	.0008	.0129	.0008	.0079	.0000
%RSD	122.7	269.1	46.06	5.262	.7536	22.25	107.3	11.38	1.441
#1	.0026	-.0006	.0005	.0024	.0992	.0446	.0000	.0605	.0019
#2	.0065	-.0003	.0004	.0025	.1004	.0703	-.0017	.0722	.0019
#3	-.0005	.0003	.0002	.0022	.1006	.0594	-.0007	.0755	.0019

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0842**	**.0007**	**.0208**	**.0014**	**.0112**	**.0006**	**.0005**	**.0340**
Stddev	.0001	.0015	.0004	.0009	.0011	.0019	.0018	.0028	.0014
%RSD	82.28	1.826	58.11	4.498	80.19	16.94	297.5	591.6	4.129
#1	.0002	.0845	.0011	.0201	.0002	.0134	.0011	.0033	.0350
#2	.0000	.0825	.0003	.0219	.0025	.0103	-.0014	-.0022	.0324
#3	.0003	.0855	.0007	.0205	.0015	.0099	.0021	.0004	.0345

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0183**	**.0006**	**.0070**	**-.0000**	**.0000**	**-.0009**	**.0259**	**-.0001**
Stddev	.0006	.0001	.0001	.0009	.0006	.0004	.0003	.0001
%RSD	3.298	10.02	2.000	22680.	2302.	43.71	1.250	188.5
#1	.0186	.0005	.0072	.0005	.0007	-.0011	.0262	-.0001
#2	.0188	.0007	.0070	-.0011	-.0006	-.0012	.0260	.0001
#3	.0176	.0007	.0069	.0006	-.0001	-.0005	.0255	-.0002

Zoom In Zoom Out

Sample Name: mp37422-mb1 Acquired: 1/16/2023 13:05:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7252.1**	**108480.**	**13955.**	**2943.9**
Stddev	61.1	323.	51.	26.6
%RSD	.84210	.29758	.36641	.90415
#1	7182.4	108440.	14012.	2913.8
#2	7277.5	108180.	13914.	2953.9
#3	7296.3	108820.	13939.	2964.1

Zoom In Zoom Out

Sample Name: mp37422-b1 Acquired: 1/16/2023 13:10:36 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2458**	**25.32**	**1.976**	**1.893**	**1.889**	**1.942**	**.2861**	**25.26**	**1.923**
Stddev	.0005	.07	.010	.006	.002	.002	.0002	.09	.006
%RSD	.2183	.2756	.5259	.3388	.1174	.0856	.0623	.3396	.3165
#1	.2463	25.27	1.966	1.886	1.886	1.940	.2861	25.20	1.916
#2	.2452	25.29	1.976	1.895	1.890	1.942	.2859	25.22	1.927
#3	.2459	25.40	1.987	1.898	1.890	1.944	.2862	25.36	1.926

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050**	**1.927**	**1.910**	**1.888**	**25.36**	**24.95**	**-.0015**	**25.16**	**1.941**
Stddev	.0023	.004	.005	.001	.06	.06	.0013	.12	.004
%RSD	46.17	.1871	.2461	.0752	.2512	.2451	86.90	.4784	.2070
#1	.0055	1.923	1.911	1.889	25.30	24.95	-.0005	25.09	1.941
#2	.0025	1.928	1.904	1.887	25.35	24.89	-.0010	25.08	1.937
#3	.0071	1.930	1.913	1.889	25.42	25.01	-.0029	25.29	1.945

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.938**	**25.44**	**1.949**	**1.929**	**1.961**	**.0216**	**1.932**	**1.911**	**.0790**
Stddev	.006	.05	.006	.005	.006	.0038	.007	.007	.0009
%RSD	.2912	.2094	.2948	.2549	.3040	17.59	.3844	.3736	1.179
#1	1.931	25.39	1.942	1.924	1.954	.0188	1.924	1.903	.0800
#2	1.939	25.43	1.951	1.934	1.964	.0201	1.937	1.913	.0783
#3	1.942	25.50	1.953	1.930	1.964	.0259	1.935	1.917	.0787

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.978**	**1.935**	**1.895**	**1.970**	**1.891**	**1.187**	**1.919**	**1.900**
Stddev	.005	.002	.003	.005	.002	.009	.005	.003
%RSD	.2663	.1168	.1691	.2746	.0976	.7935	.2654	.1401
#1	1.972	1.933	1.896	1.964	1.892	1.177	1.914	1.903
#2	1.981	1.936	1.891	1.974	1.889	1.187	1.923	1.898
#3	1.982	1.937	1.897	1.972	1.893	1.196	1.922	1.901

Zoom In Zoom Out

Sample Name: mp37422-b1 Acquired: 1/16/2023 13:10:36 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7137.0**	**106560.**	**13945.**	**2921.9**
Stddev	11.7	305.	153.	6.5
%RSD	.16368	.28615	1.0974	.22393
#1	7150.3	106630.	13984.	2929.5
#2	7128.3	106820.	14075.	2917.6
#3	7132.6	106220.	13776.	2918.7

Zoom In Zoom Out

Sample Name: mp37422-s1 Acquired: 1/16/2023 13:15:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2472**	**71.98**	**1.958**	**1.829**	**2.192**	**1.875**	**.8224**	F **279.9**	**1.910**
Stddev	.0012	.14	.005	.005	.004	.003	.0041	1.2	.005
%RSD	.5018	.1999	.2521	.2521	.1899	.1804	.5015	.4111	.2457
#1	.2483	72.03	1.963	1.834	2.188	1.876	.8253	280.9	1.915
#2	.2475	72.09	1.956	1.827	2.197	1.879	.8243	278.6	1.910
#3	.2459	71.82	1.954	1.826	2.191	1.872	.8177	280.0	1.906

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1965**	**1.900**	**1.892**	**1.961**	**100.8**	**38.89**	**.0432**	**142.8**	**3.780**
Stddev	.0033	.002	.009	.009	.2	.09	.0009	.5	.015
%RSD	1.659	.1049	.4736	.4713	.2135	.2408	2.110	.3387	.3879
#1	.1979	1.902	1.898	1.969	101.0	38.96	.0433	143.0	3.777
#2	.1928	1.899	1.895	1.964	101.0	38.93	.0422	143.2	3.796
#3	.1989	1.898	1.882	1.951	100.6	38.78	.0440	142.3	3.767

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.850**	**28.98**	**1.952**	**6.356**	**1.908**	**.1172**	**1.407**	**1.886**	**2.968**
Stddev	.004	.06	.001	.018	.002	.0061	.001	.002	.014
%RSD	.2358	.2126	.0254	.2782	.0917	5.187	.0433	.1293	.4686
#1	1.855	28.93	1.953	6.377	1.908	.1239	1.406	1.887	2.965
#2	1.849	29.05	1.953	6.344	1.910	.1121	1.408	1.887	2.956
#3	1.846	28.97	1.952	6.348	1.906	.1155	1.407	1.883	2.983

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.840**	**2.037**	**5.626**	**1.880**	**1.933**	**.9441**	**1.957**	**1.846**
Stddev	.002	.003	.029	.005	.009	.0039	.005	.006
%RSD	.1089	.1654	.5161	.2500	.4374	.4089	.2614	.3416
#1	1.842	2.035	5.648	1.885	1.940	.9486	1.963	1.852
#2	1.840	2.041	5.637	1.880	1.936	.9420	1.955	1.848
#3	1.838	2.035	5.593	1.876	1.924	.9417	1.953	1.839

Zoom In Zoom Out

Sample Name: mp37422-s1 Acquired: 1/16/2023 13:15:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6774.5**	**104830.**	**13934.**	**2843.2**
Stddev	10.8	382.	73.	7.8
%RSD	.15869	.36433	.52212	.27475
#1	6763.8	104760.	13865.	2834.5
#2	6785.3	104500.	13928.	2849.7
#3	6774.4	105250.	14010.	2845.3

Zoom In Zoom Out

Sample Name: mp37422-s2 Acquired: 1/16/2023 13:20:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2475**	**67.75**	**1.947**	**1.834**	**2.173**	**1.873**	**.7731**	F **269.9**	**1.901**
Stddev	.0009	.36	.006	.007	.011	.012	.0021	2.7	.005
%RSD	.3667	.5341	.3106	.3636	.5237	.6454	.2773	.9932	.2899
#1	.2485	68.15	1.947	1.832	2.185	1.886	.7725	271.8	1.901
#2	.2472	67.68	1.941	1.828	2.171	1.870	.7713	271.1	1.896
#3	.2468	67.43	1.953	1.841	2.163	1.863	.7755	266.8	1.907

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1957**	**1.889**	**1.889**	**1.960**	**93.97**	**37.46**	**.0393**	**137.5**	**3.457**
Stddev	.0011	.003	.003	.006	.57	.23	.0000	1.0	.006
%RSD	.5821	.1328	.1561	.2960	.6042	.6167	.0744	.7046	.1659
#1	.1944	1.889	1.892	1.964	94.60	37.71	.0393	138.6	3.463
#2	.1961	1.886	1.887	1.953	93.82	37.42	.0394	137.3	3.453
#3	.1966	1.891	1.888	1.962	93.49	37.26	.0393	136.7	3.453

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.842**	**28.59**	**1.940**	**6.369**	**1.909**	**.1148**	**1.446**	**1.885**	**2.824**
Stddev	.004	.14	.004	.024	.006	.0030	.006	.007	.010
%RSD	.2420	.4748	.2057	.3704	.3043	2.628	.3879	.3560	.3533
#1	1.844	28.73	1.940	6.368	1.909	.1182	1.448	1.880	2.833
#2	1.837	28.56	1.936	6.346	1.904	.1124	1.439	1.883	2.814
#3	1.845	28.47	1.944	6.393	1.915	.1140	1.450	1.893	2.826

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.839**	**2.029**	**5.257**	**1.881**	**1.926**	**1.063**	**1.934**	**1.846**
Stddev	.005	.011	.009	.006	.003	.002	.006	.002
%RSD	.2563	.5380	.1735	.3331	.1565	.1969	.3203	.1055
#1	1.838	2.041	5.266	1.875	1.930	1.064	1.934	1.848
#2	1.834	2.027	5.248	1.880	1.924	1.060	1.927	1.844
#3	1.844	2.019	5.257	1.887	1.925	1.064	1.940	1.846

Zoom In Zoom Out

Sample Name: mp37422-s2 Acquired: 1/16/2023 13:20:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6804.6**	**104620.**	**14047.**	**2857.8**
Stddev	18.5	248.	110.	10.3
%RSD	.27210	.23675	.78561	.36162
#1	6803.2	104420.	13934.	2856.2
#2	6823.8	104550.	14053.	2868.8
#3	6786.9	104900.	14154.	2848.3

Zoom In Zoom Out

Sample Name: jd58609-20 Acquired: 1/16/2023 13:25:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**34.07**	**.0090**	**.0109**	**.2948**	**.0017**	**.4366**	F **255.2**	**.0006**
Stddev	.0005	.07	.0011	.0011	.0003	.0001	.0011	4.0	.0002
%RSD	91.45	.1942	12.12	9.862	.1073	4.976	.2406	1.577	36.81
#1	.0000	34.12	.0094	.0111	.2946	.0016	.4374	257.4	.0005
#2	.0009	34.09	.0099	.0118	.2952	.0018	.4354	257.7	.0009
#3	.0005	33.99	.0078	.0097	.2947	.0017	.4370	250.6	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2011**	**.0306**	**.0663**	**.0769**	**65.47**	**10.82**	**.0367**	**116.1**	**1.378**
Stddev	.0013	.0001	.0003	.0003	.09	.03	.0013	.5	.003
%RSD	.6297	.3331	.5262	.4373	.1332	.2306	3.570	.4486	.1987
#1	.2005	.0306	.0667	.0766	65.57	10.80	.0382	116.5	1.376
#2	.2025	.0307	.0664	.0773	65.46	10.85	.0359	116.1	1.381
#3	.2001	.0305	.0660	.0769	65.39	10.81	.0360	115.5	1.376

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**3.207**	**.0643**	**4.520**	**.0148**	**.1132**	**.0063**	**-.0006**	**1.028**
Stddev	.0001	.011	.0003	.059	.0014	.0010	.0003	.0017	.019
%RSD	3.243	.3282	.3901	1.316	9.248	.8555	5.447	281.6	1.834
#1	.0019	3.218	.0640	4.496	.0163	.1123	.0060	-.0015	1.010
#2	.0018	3.197	.0645	4.587	.0144	.1131	.0062	-.0018	1.048
#3	.0020	3.206	.0643	4.476	.0136	.1142	.0066	.0014	1.026

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0206**	**.1614**	**3.014**	**.0021**	**.0941**	**.0090**	**.1607**	**.0100**
Stddev	.0003	.0002	.004	.0007	.0001	.0016	.0029	.0001
%RSD	1.538	.1428	.1258	33.30	.1099	17.95	1.808	1.058
#1	.0209	.1616	3.014	.0029	.0940	.0108	.1587	.0099
#2	.0204	.1611	3.018	.0016	.0942	.0077	.1640	.0101
#3	.0204	.1614	3.011	.0019	.0940	.0085	.1593	.0101

Zoom In Zoom Out

Sample Name: jd58609-20 Acquired: 1/16/2023 13:25:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6776.9**	**105370.**	**14063.**	**2846.4**
Stddev	84.5	469.	118.	38.7
%RSD	1.2462	.44507	.83966	1.3585
#1	6825.0	105490.	13936.	2870.3
#2	6679.4	104860.	14083.	2801.8
#3	6826.4	105770.	14170.	2867.1

Zoom In Zoom Out

Sample Name: mp38422-sd1 Acquired: 1/16/2023 13:30:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**34.28**	**.0214**	**.0279**	**.2998**	**.0019**	**.4442**	**262.6**	**.0008**
Stddev	.0008	.14	.0055	.0064	.0012	.0001	.0064	.7	.0015
%RSD	109.2	.4126	25.66	22.90	.3857	2.657	1.446	.2823	203.2
#1	-.0007	34.24	.0206	.0349	.3000	.0018	.4463	262.6	.0022
#2	-.0015	34.17	.0273	.0224	.2986	.0019	.4369	261.8	-.0008
#3	.0001	34.44	.0164	.0264	.3009	.0019	.4492	263.3	.0009

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2256**	**.0284**	**.0685**	**.0771**	**67.18**	**10.70**	**.0379**	**119.3**	**1.431**
Stddev	.0159	.0003	.0008	.0019	.28	.10	.0102	.2	.001
%RSD	7.049	1.173	1.233	2.405	.4118	.9032	26.98	.1879	.0827
#1	.2088	.0285	.0687	.0753	67.18	10.80	.0317	119.4	1.429
#2	.2404	.0287	.0676	.0790	66.91	10.71	.0498	119.1	1.432
#3	.2276	.0281	.0693	.0770	67.46	10.60	.0324	119.5	1.431

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0028**	**3.229**	**.0655**	**4.462**	**.0215**	**.1091**	**.0153**	**-.0059**	**1.018**
Stddev	.0015	.065	.0004	.017	.0073	.0027	.0107	.0103	.042
%RSD	54.58	2.008	.6486	.3907	34.07	2.466	70.02	173.4	4.095
#1	.0045	3.154	.0650	4.459	.0131	.1090	.0032	-.0080	1.015
#2	.0015	3.260	.0658	4.447	.0254	.1065	.0193	-.0150	1.061
#3	.0025	3.272	.0657	4.481	.0261	.1119	.0234	.0052	.9779

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0090**	**.1643**	**3.055**	**.0017**	**.0963**	**.0238**	**.1636**	**.0103**
Stddev	.0062	.0012	.006	.0158	.0013	.0041	.0006	.0006
%RSD	68.73	.7273	.2069	922.4	1.329	17.09	.3408	6.077
#1	.0150	.1632	3.048	-.0097	.0966	.0277	.1634	.0096
#2	.0093	.1641	3.059	.0198	.0975	.0242	.1642	.0107
#3	.0026	.1656	3.057	-.0050	.0949	.0196	.1632	.0107

Zoom In Zoom Out

Sample Name: mp38422-sd1 Acquired: 1/16/2023 13:30:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7157.4**	**107380.**	**13888.**	**2939.9**
Stddev	11.9	310.	64.	3.3
%RSD	.16595	.28884	.45938	.11132
#1	7163.4	107490.	13817.	2942.6
#2	7143.7	107620.	13904.	2936.2
#3	7165.2	107030.	13942.	2940.7

Zoom In Zoom Out

Sample Name: mp37422-ps1 Acquired: 1/16/2023 13:35:45 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2523**	**60.25**	**2.081**	**2.083**	**2.244**	**2.007**	**.7209**	F **266.5**	**2.033**
Stddev	.0009	.14	.005	.011	.003	.005	.0032	3.8	.006
%RSD	.3633	.2282	.2663	.5242	.1292	.2412	.4454	1.408	.2786
#1	.2514	60.40	2.077	2.071	2.247	2.012	.7189	268.3	2.027
#2	.2532	60.21	2.079	2.085	2.242	2.004	.7246	269.1	2.037
#3	.2522	60.13	2.087	2.092	2.241	2.004	.7193	262.2	2.036

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1939**	**2.013**	**2.009**	**2.092**	**88.77**	**37.55**	**.0348**	**137.2**	**3.272**
Stddev	.0049	.001	.009	.006	.17	.11	.0012	.4	.013
%RSD	2.545	.0379	.4289	.2750	.1869	.2973	3.373	.2991	.3855
#1	.1893	2.012	2.002	2.088	88.94	37.66	.0339	137.6	3.261
#2	.1934	2.014	2.018	2.099	88.74	37.55	.0343	137.2	3.286
#3	.1991	2.013	2.006	2.090	88.62	37.44	.0361	136.8	3.270

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.978**	**30.61**	**2.073**	**6.325**	**2.039**	**.1170**	**2.042**	**2.065**	**1.143**
Stddev	.005	.04	.001	.017	.001	.0037	.003	.005	.018
%RSD	.2341	.1360	.0472	.2621	.0635	3.177	.1431	.2447	1.553
#1	1.973	30.65	2.072	6.306	2.040	.1134	2.039	2.061	1.163
#2	1.980	30.61	2.074	6.335	2.040	.1168	2.045	2.062	1.137
#3	1.982	30.56	2.072	6.334	2.037	.1209	2.043	2.070	1.129

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.987**	**2.150**	**4.868**	**2.010**	**2.053**	**1.934**	**2.055**	**1.975**
Stddev	.004	.004	.018	.006	.007	.005	.001	.008
%RSD	.1879	.1698	.3660	.3157	.3526	.2516	.0481	.3939
#1	1.983	2.153	4.853	2.002	2.048	1.929	2.055	1.967
#2	1.986	2.149	4.888	2.014	2.062	1.934	2.056	1.982
#3	1.991	2.146	4.864	2.013	2.051	1.938	2.054	1.975

Zoom In Zoom Out

Sample Name: mp37422-ps1 Acquired: 1/16/2023 13:35:45 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6800.9**	**104680.**	**14112.**	**2852.7**
Stddev	5.5	507.	98.	1.4
%RSD	.08129	.48457	.69750	.04734
#1	6797.5	104980.	14034.	2852.1
#2	6798.0	104090.	14080.	2854.2
#3	6807.3	104960.	14223.	2851.7

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 13:40:46 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2573**	**39.36**	**2.066**	**2.036**	**1.983**	**2.027**	**2.031**	**39.16**	**1.999**
Stddev	.0009	.21	.008	.007	.008	.009	.005	.21	.006
%RSD	.3588	.5457	.3947	.3449	.4099	.4556	.2709	.5304	.3136
#1	.2572	39.60	2.073	2.043	1.991	2.037	2.035	39.39	2.006
#2	.2565	39.20	2.069	2.034	1.975	2.020	2.032	38.99	2.000
#3	.2583	39.28	2.057	2.029	1.983	2.024	2.025	39.09	1.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.036**	**2.006**	**2.006**	**1.986**	**39.44**	**39.17**	**2.000**	**39.15**	**2.028**
Stddev	.007	.005	.010	.008	.21	.21	.007	.24	.010
%RSD	.3535	.2387	.4791	.4020	.5427	.5334	.3432	.6155	.4898
#1	2.032	2.011	2.008	1.985	39.67	39.36	2.007	39.41	2.028
#2	2.031	2.006	1.996	1.978	39.26	38.95	1.994	38.93	2.018
#3	2.044	2.002	2.015	1.994	39.39	39.20	1.997	39.11	2.038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.090**	**39.80**	**2.035**	**2.017**	**2.038**	**2.040**	**2.062**	**2.010**	**5.031**
Stddev	.007	.18	.004	.005	.005	.008	.009	.003	.018
%RSD	.3528	.4521	.2114	.2598	.2465	.3734	.4464	.1522	.3543
#1	2.097	39.98	2.039	2.022	2.043	2.047	2.067	2.008	5.051
#2	2.090	39.62	2.036	2.016	2.038	2.041	2.068	2.014	5.027
#3	2.083	39.79	2.030	2.012	2.033	2.032	2.052	2.008	5.016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 13:40:46 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.091**	**2.031**	**2.055**	**2.031**	**1.998**	**2.097**	**1.973**	**2.053**
Stddev	.010	.008	.008	.010	.007	.007	.005	.008
%RSD	.4608	.3826	.4053	.4740	.3542	.3401	.2350	.3862
#1	2.100	2.038	2.053	2.041	1.997	2.103	1.978	2.052
#2	2.092	2.023	2.048	2.028	1.992	2.099	1.971	2.046
#3	2.081	2.030	2.064	2.022	2.006	2.089	1.969	2.062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7083.6**	**105640.**	**13944.**	**2920.9**
Stddev	13.0	641.	152.	6.8
%RSD	.18395	.60694	1.0906	.23199
#1	7070.1	105750.	13773.	2913.7
#2	7084.5	106210.	13996.	2922.0
#3	7096.1	104950.	14064.	2927.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 13:46:57 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**-.0083**	**-.0002**	**.0055**	**-.0000**	**.0000**	**-.0005**	**.0184**	**-.0001**
Stddev	.0002	.0113	.0011	.0008	.0002	.0001	.0009	.0053	.0001
%RSD	43.09	137.1	646.8	14.17	554.2	107.3	180.1	28.79	209.1
#1	-.0003	-.0149	-.0010	.0063	.0002	-.0000	-.0014	.0123	-.0002
#2	-.0006	-.0147	.0011	.0050	-.0002	.0001	.0004	.0222	.0001
#3	-.0003	.0048	-.0006	.0051	-.0001	.0001	-.0005	.0205	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**.0005**	**-.0001**	**.0001**	**.0019**	**.0257**	**-.0001**	**-.0067**	**.0000**
Stddev	.0030	.0003	.0003	.0001	.0019	.0168	.0012	.0155	.0000
%RSD	265.8	54.43	303.0	96.41	103.3	65.44	1354.	230.8	114.8
#1	.0031	.0005	-.0003	.0003	.0033	.0253	-.0015	-.0098	-.0000
#2	.0026	.0002	-.0003	.0000	-.0003	.0091	.0004	-.0205	.0000
#3	-.0023	.0007	.0003	.0002	.0026	.0427	.0008	.0101	.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.0908**	**-.0002**	**-.0019**	**.0003**	**.0004**	**.0019**	**-.0010**	**.0057**
Stddev	.0001	.0057	.0002	.0006	.0007	.0020	.0004	.0016	.0012
%RSD	8.967	6.250	113.8	32.58	259.3	478.3	22.80	163.4	21.67
#1	.0010	.0918	-.0004	-.0014	-.0004	-.0019	.0017	-.0001	.0063
#2	.0011	.0960	-.0002	-.0026	.0010	.0019	.0024	-.0028	.0065
#3	.0009	.0847	.0000	-.0018	.0002	.0012	.0016	-.0000	.0043
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 13:46:57 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0000**	**.0002**	**.0011**	**.0003**	F **.0060**	**.0006**	**.0001**
Stddev	.0011	.0001	.0001	.0007	.0004	.0015	.0002	.0001
%RSD	432.8	418.6	30.67	61.55	126.3	24.87	36.31	257.5
#1	-.0004	-.0001	.0002	.0004	-.0001	.0048	.0004	.0001
#2	.0015	-.0001	.0001	.0017	.0006	.0077	.0005	-.0001
#3	-.0003	.0001	.0002	.0010	.0005	.0055	.0008	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7293.2**	**108480.**	**13870.**	**2963.4**
Stddev	13.3	498.	32.	8.7
%RSD	.18253	.45886	.22964	.29274
#1	7293.1	108380.	13848.	2960.6
#2	7279.9	109020.	13907.	2956.4
#3	7306.5	108040.	13856.	2973.1

Zoom In Zoom Out

Sample Name: jd58609-1 Acquired: 1/16/2023 13:52:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**89.14**	**.0235**	**.0211**	**.7329**	**.0036**	**.7326**	**40.97**	**.0021**
Stddev	.0006	.84	.0012	.0009	.0070	.0000	.0047	.42	.0001
%RSD	18.07	.9443	5.290	4.251	.9611	.5694	.6351	1.019	4.959
#1	.0030	88.89	.0224	.0215	.7310	.0036	.7380	40.85	.0022
#2	.0031	88.44	.0249	.0201	.7270	.0036	.7300	40.62	.0021
#3	.0041	90.07	.0233	.0217	.7407	.0036	.7298	41.43	.0020

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3442**	**.0618**	**.1426**	**.2265**	**138.0**	**14.21**	**.0858**	**41.51**	**2.320**
Stddev	.0033	.0007	.0004	.0006	1.3	.13	.0008	.51	.005
%RSD	.9636	1.160	.3093	.2501	.9499	.9072	.9578	1.230	.2172
#1	.3465	.0611	.1431	.2264	137.6	14.22	.0851	41.36	2.326
#2	.3456	.0618	.1424	.2260	137.0	14.08	.0867	41.10	2.317
#3	.3404	.0626	.1424	.2271	139.5	14.34	.0856	42.08	2.317

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037**	**2.357**	**.1338**	**5.027**	**.9354**	**1.304**	**.0096**	**.0014**	**1.478**
Stddev	.0001	.036	.0008	.018	.0023	.003	.0017	.0028	.006
%RSD	1.611	1.527	.5766	.3593	.2470	.2270	17.81	198.5	.4209
#1	.0037	2.348	.1330	5.006	.9328	1.303	.0081	.0026	1.479
#2	.0038	2.326	.1345	5.036	.9369	1.302	.0114	.0034	1.472
#3	.0037	2.396	.1340	5.039	.9367	1.307	.0091	-.0018	1.484

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0647**	**.1278**	**5.084**	**.0021**	**.2110**	**.0025**	**.8195**	**.0073**
Stddev	.0020	.0011	.014	.0016	.0009	.0030	.0014	.0001
%RSD	3.120	.8768	.2751	74.72	.4228	119.6	.1705	1.893
#1	.0624	.1277	5.099	.0005	.2120	.0038	.8182	.0071
#2	.0663	.1267	5.073	.0022	.2108	-.0009	.8210	.0072
#3	.0655	.1289	5.078	.0037	.2103	.0046	.8194	.0074

Zoom In Zoom Out

Sample Name: jd58609-1 Acquired: 1/16/2023 13:52:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7144.3**	**109120.**	**14389.**	**2983.5**
Stddev	8.1	248.	146.	5.1
%RSD	.11274	.22717	1.0144	.17181
#1	7152.4	109150.	14426.	2989.4
#2	7136.3	108860.	14513.	2980.5
#3	7144.1	109350.	14228.	2980.5

Zoom In Zoom Out

Sample Name: jd58609-2 Acquired: 1/16/2023 13:57:12 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**57.84**	**.0111**	**.0115**	**.4616**	**.0025**	**.8320**	**174.6**	**.0013**
Stddev	.0001	.05	.0009	.0006	.0008	.0000	.0035	.3	.0001
%RSD	5.952	.0853	8.558	5.222	.1826	2.039	.4241	.1553	4.074
#1	.0017	57.79	.0121	.0108	.4610	.0024	.8355	174.4	.0013
#2	.0015	57.86	.0107	.0115	.4612	.0024	.8284	174.6	.0013
#3	.0017	57.88	.0103	.0120	.4625	.0025	.8322	174.9	.0014

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2717**	**.0498**	**.1137**	**.1341**	**106.0**	**19.78**	**.0681**	**108.8**	**1.888**
Stddev	.0013	.0006	.0003	.0003	.2	.06	.0014	.2	.004
%RSD	.4920	1.142	.2274	.2337	.1542	.2977	2.076	.1509	.2233
#1	.2714	.0494	.1140	.1344	105.9	19.72	.0694	108.7	1.893
#2	.2706	.0505	.1135	.1337	106.0	19.80	.0666	108.8	1.884
#3	.2732	.0496	.1136	.1341	106.2	19.83	.0682	109.0	1.888

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**1.392**	**.0963**	**4.307**	**.0422**	**.3209**	**.0103**	**-.0018**	**1.360**
Stddev	.0004	.008	.0002	.006	.0003	.0025	.0014	.0011	.020
%RSD	24.83	.5746	.2491	.1382	.6700	.7855	13.33	59.88	1.459
#1	.0013	1.392	.0965	4.313	.0419	.3180	.0095	-.0018	1.339
#2	.0021	1.384	.0962	4.307	.0423	.3223	.0096	-.0007	1.379
#3	.0015	1.400	.0960	4.301	.0424	.3225	.0119	-.0028	1.361

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0282**	**.1347**	**5.783**	**.0024**	**.1543**	**.0050**	**.2773**	**.0078**
Stddev	.0017	.0002	.016	.0019	.0001	.0005	.0008	.0001
%RSD	6.129	.1342	.2750	78.22	.0788	10.66	.2744	1.548
#1	.0301	.1349	5.800	.0042	.1541	.0050	.2769	.0077
#2	.0266	.1346	5.769	.0027	.1544	.0045	.2782	.0079
#3	.0280	.1348	5.779	.0004	.1543	.0056	.2769	.0079

Zoom In Zoom Out

Sample Name: jd58609-2 Acquired: 1/16/2023 13:57:12 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6885.4**	**106020.**	**14208.**	**2881.8**
Stddev	4.4	321.	54.	2.9
%RSD	.06362	.30253	.38077	.09903
#1	6882.9	105970.	14268.	2881.1
#2	6882.8	106360.	14164.	2879.3
#3	6890.4	105720.	14192.	2884.9

Zoom In Zoom Out

Sample Name: jd58609-3 Acquired: 1/16/2023 14:02:14 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**73.93**	**.0103**	**.0121**	**.6601**	**.0031**	**1.167**	**160.1**	**.0013**
Stddev	.0003	.32	.0027	.0002	.0032	.0001	.004	.9	.0002
%RSD	16.43	.4377	25.99	1.274	.4848	1.862	.3403	.5742	19.01
#1	.0017	73.56	.0099	.0120	.6564	.0032	1.169	159.0	.0012
#2	.0023	74.07	.0078	.0121	.6616	.0031	1.162	160.4	.0016
#3	.0023	74.16	.0131	.0123	.6623	.0031	1.169	160.8	.0011

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3397**	**.0624**	**.1503**	**.1583**	**134.4**	**31.37**	**.0874**	**103.9**	**2.274**
Stddev	.0042	.0008	.0005	.0003	.7	.24	.0010	.7	.003
%RSD	1.238	1.284	.3635	.1717	.5382	.7493	1.191	.6709	.1479
#1	.3409	.0618	.1507	.1584	133.6	31.11	.0864	103.1	2.278
#2	.3351	.0633	.1505	.1585	134.6	31.44	.0874	104.1	2.271
#3	.3432	.0620	.1497	.1580	135.0	31.57	.0885	104.4	2.273

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**2.885**	**.1233**	**4.475**	**.0557**	**1.906**	**.0104**	**-.0000**	**1.587**
Stddev	.0004	.017	.0004	.025	.0023	.011	.0013	.0011	.006
%RSD	35.24	.5815	.3477	.5490	4.205	.5503	12.06	3806.	.4016
#1	.0009	2.867	.1235	4.464	.0532	1.899	.0099	-.0010	1.582
#2	.0016	2.887	.1237	4.503	.0562	1.918	.0118	.0011	1.594
#3	.0009	2.900	.1228	4.458	.0578	1.901	.0095	-.0002	1.585

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0366**	**.1390**	F **8.100**	**.0006**	**.2155**	**.0040**	**.3296**	**.0097**
Stddev	.0032	.0006	.011	.0011	.0001	.0003	.0021	.0003
%RSD	8.811	.4279	.1407	181.2	.0694	8.522	.6401	3.493
#1	.0398	.1384	8.109	.0017	.2157	.0039	.3285	.0094
#2	.0367	.1390	8.088	-.0006	.2154	.0037	.3320	.0101
#3	.0333	.1396	8.104	.0007	.2156	.0044	.3283	.0096

Zoom In Zoom Out

Sample Name: jd58609-3 Acquired: 1/16/2023 14:02:14 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6917.8**	**105850.**	**14156.**	**2898.5**
Stddev	34.9	178.	127.	14.1
%RSD	.50442	.16859	.89615	.48738
#1	6936.2	105660.	14293.	2909.2
#2	6877.6	105860.	14133.	2882.5
#3	6939.6	106010.	14042.	2903.9

Zoom In Zoom Out

Sample Name: jd58609-4 Acquired: 1/16/2023 14:07:16 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**51.44**	**.0095**	**.0116**	**.4846**	**.0023**	**.7347**	F **232.3**	**.0009**
Stddev	.0002	.03	.0015	.0005	.0001	.0000	.0035	1.0	.0001
%RSD	14.87	.0612	15.23	4.468	.0144	1.182	.4826	.4366	12.65
#1	.0017	51.41	.0080	.0112	.4847	.0024	.7354	232.8	.0009
#2	.0013	51.43	.0098	.0122	.4846	.0023	.7308	232.9	.0008
#3	.0018	51.47	.0108	.0115	.4846	.0023	.7378	231.1	.0010

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2484**	**.0518**	**.1259**	**.1274**	**109.7**	**19.86**	**.0604**	**130.0**	**1.769**
Stddev	.0013	.0004	.0004	.0006	.0	.02	.0012	.1	.005
%RSD	.5194	.7031	.3363	.4816	.0071	.0994	2.065	.0550	.2880
#1	.2475	.0522	.1254	.1275	109.6	19.86	.0614	130.1	1.770
#2	.2499	.0515	.1260	.1268	109.7	19.87	.0609	129.9	1.763
#3	.2479	.0518	.1262	.1280	109.7	19.84	.0590	130.0	1.773

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0061**	**2.546**	**.0945**	**4.240**	**.0265**	**.1804**	**.0097**	**.0001**	**1.469**
Stddev	.0004	.003	.0006	.005	.0007	.0018	.0017	.0016	.007
%RSD	6.550	.1158	.6049	.1233	2.759	1.006	18.07	1587.	.4732
#1	.0059	2.549	.0939	4.246	.0266	.1796	.0116	.0012	1.473
#2	.0066	2.544	.0949	4.238	.0257	.1825	.0091	-.0018	1.473
#3	.0059	2.544	.0948	4.237	.0271	.1792	.0083	.0009	1.461

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0254**	**.1518**	**5.094**	**.0011**	**.1639**	**.0049**	**.2294**	**.0056**
Stddev	.0006	.0002	.015	.0016	.0001	.0012	.0002	.0000
%RSD	2.533	.1209	.2975	144.2	.0383	24.50	.0754	.3760
#1	.0259	.1520	5.095	.0025	.1638	.0051	.2296	.0056
#2	.0255	.1518	5.078	.0014	.1638	.0036	.2293	.0056
#3	.0247	.1516	5.109	-.0006	.1639	.0059	.2295	.0056

Zoom In Zoom Out

Sample Name: jd58609-4 Acquired: 1/16/2023 14:07:16 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6827.7**	**105970.**	**14050.**	**2862.1**
Stddev	3.7	336.	13.	1.3
%RSD	.05443	.31740	.09263	.04704
#1	6823.8	105710.	14065.	2861.3
#2	6828.0	106350.	14042.	2861.3
#3	6831.2	105840.	14043.	2863.6

Zoom In Zoom Out

Sample Name: jd58609-5 Acquired: 1/16/2023 14:12:27 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044**	**85.59**	**.0312**	**.0627**	**1.114**	**.0032**	**.7721**	F **203.0**	**.0029**
Stddev	.0006	.34	.0005	.0007	.003	.0000	.0007	.8	.0001
%RSD	14.05	.3970	1.493	1.183	.2573	1.373	.0960	.3746	4.422
#1	.0038	85.36	.0313	.0635	1.114	.0033	.7726	202.5	.0029
#2	.0044	85.43	.0316	.0622	1.112	.0032	.7712	202.5	.0031
#3	.0050	85.98	.0307	.0624	1.117	.0032	.7724	203.8	.0029

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4054**	**.0638**	**.1355**	**.4194**	**144.8**	**12.50**	**.0676**	**49.89**	**1.815**
Stddev	.0054	.0000	.0004	.0015	.6	.07	.0006	.23	.002
%RSD	1.321	.0548	.2648	.3672	.3849	.5517	.8465	.4563	.0969
#1	.3994	.0638	.1357	.4177	144.4	12.46	.0682	49.77	1.816
#2	.4098	.0638	.1357	.4205	144.5	12.46	.0670	49.74	1.817
#3	.4069	.0638	.1351	.4202	145.4	12.58	.0677	50.15	1.813

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0056**	**3.234**	**.1045**	**6.786**	**1.383**	**3.638**	**.0122**	**.0036**	**1.766**
Stddev	.0001	.016	.0011	.009	.002	.004	.0004	.0020	.011
%RSD	2.124	.5025	1.088	.1291	.1588	.1191	2.882	55.97	.6277
#1	.0056	3.227	.1058	6.796	1.382	3.640	.0126	.0049	1.776
#2	.0055	3.221	.1039	6.783	1.382	3.642	.0119	.0013	1.768
#3	.0057	3.252	.1037	6.779	1.386	3.634	.0123	.0047	1.754

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0815**	**.4069**	**5.355**	**.0001**	**.2859**	**.0050**	**1.139**	**.0327**
Stddev	.0014	.0010	.009	.0023	.0006	.0006	.001	.0001
%RSD	1.683	.2542	.1757	3491.	.1929	11.04	.0996	.4178
#1	.0830	.4068	5.346	.0005	.2859	.0046	1.140	.0325
#2	.0811	.4059	5.365	.0021	.2864	.0057	1.138	.0328
#3	.0803	.4079	5.353	-.0024	.2853	.0048	1.138	.0326

Zoom In Zoom Out

Sample Name: jd58609-5 Acquired: 1/16/2023 14:12:27 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6983.2**	**108190.**	**14565.**	**2966.8**
Stddev	8.8	504.	106.	7.2
%RSD	.12557	.46626	.72590	.24406
#1	6973.1	107620.	14615.	2958.5
#2	6989.2	108550.	14636.	2970.9
#3	6987.2	108410.	14443.	2971.1

Zoom In Zoom Out

Sample Name: jd58609-6 Acquired: 1/16/2023 14:17:27 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025**	**91.99**	**.0190**	**.1545**	**.7165**	**.0032**	**.8468**	**88.16**	**.0017**
Stddev	.0006	.09	.0001	.0008	.0013	.0001	.0023	.16	.0001
%RSD	23.42	.0968	.5519	.5138	.1786	1.989	.2707	.1771	6.634
#1	.0031	92.05	.0189	.1536	.7171	.0031	.8442	88.23	.0017
#2	.0023	92.04	.0191	.1549	.7174	.0032	.8486	88.27	.0018
#3	.0020	91.89	.0189	.1551	.7151	.0031	.8476	87.99	.0016

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3606**	**.0758**	**.1456**	**.3471**	**160.0**	**17.64**	**.0755**	**59.85**	**1.936**
Stddev	.0035	.0004	.0005	.0005	.3	.05	.0003	.15	.000
%RSD	.9600	.5879	.3482	.1310	.1700	.2786	.3399	.2467	.0158
#1	.3629	.0763	.1455	.3467	160.1	17.67	.0757	59.69	1.936
#2	.3566	.0754	.1462	.3476	160.2	17.67	.0752	59.99	1.935
#3	.3622	.0756	.1452	.3470	159.7	17.59	.0755	59.88	1.935

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**4.597**	**.1422**	**6.144**	**.4328**	**1.036**	**.0112**	**-.0013**	**1.486**
Stddev	.0004	.022	.0006	.009	.0010	.002	.0024	.0014	.009
%RSD	19.51	.4766	.4022	.1414	.2394	.1717	21.32	104.1	.5692
#1	.0017	4.588	.1428	6.154	.4329	1.033	.0086	-.0028	1.491
#2	.0025	4.622	.1417	6.137	.4338	1.037	.0132	-.0008	1.476
#3	.0023	4.581	.1419	6.141	.4318	1.036	.0120	-.0003	1.490

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0494**	**.2232**	**5.887**	**-.0002**	**.3487**	**.0044**	**.5301**	**.0221**
Stddev	.0007	.0004	.004	.0018	.0005	.0009	.0006	.0001
%RSD	1.372	.1968	.0641	943.5	.1296	21.23	.1194	.6139
#1	.0496	.2235	5.883	.0011	.3483	.0047	.5308	.0221
#2	.0486	.2235	5.890	.0005	.3492	.0033	.5295	.0222
#3	.0499	.2227	5.889	-.0023	.3485	.0050	.5301	.0219

Zoom In Zoom Out

Sample Name: jd58609-6 Acquired: 1/16/2023 14:17:27 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7062.6**	**108390.**	**14409.**	**2968.0**
Stddev	13.6	278.	8.	4.0
%RSD	.19303	.25681	.05891	.13542
#1	7047.3	108120.	14400.	2963.5
#2	7073.3	108670.	14409.	2971.3
#3	7067.3	108380.	14417.	2969.1

Zoom In Zoom Out

Sample Name: jd58609-7 Acquired: 1/16/2023 14:22:25 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018**	**61.94**	**.0143**	**.0078**	**.5175**	**.0036**	**.6998**	**17.95**	**.0005**
Stddev	.0002	.16	.0011	.0008	.0014	.0001	.0005	.04	.0002
%RSD	9.319	.2503	7.625	10.16	.2774	2.035	.0710	.2212	34.45
#1	.0018	61.90	.0131	.0073	.5173	.0035	.6995	17.93	.0008
#2	.0019	61.82	.0143	.0073	.5161	.0037	.7004	17.93	.0005
#3	.0016	62.12	.0153	.0087	.5190	.0036	.6997	18.00	.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3653**	**.0488**	**.1158**	**.1487**	**95.74**	**18.86**	**.1030**	**26.94**	**1.790**
Stddev	.0012	.0002	.0003	.0007	.27	.09	.0012	.06	.003
%RSD	.3224	.3129	.2876	.4374	.2857	.4795	1.134	.2042	.1803
#1	.3641	.0489	.1162	.1485	95.63	18.83	.1043	26.97	1.788
#2	.3656	.0489	.1157	.1494	95.53	18.78	.1022	26.88	1.793
#3	.3664	.0487	.1156	.1482	96.05	18.96	.1024	26.98	1.788

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0036**	**1.293**	**.0968**	**4.649**	**.1977**	**.8934**	**.0091**	**.0027**	**1.220**
Stddev	.0001	.003	.0005	.009	.0015	.0048	.0007	.0016	.007
%RSD	2.183	.2165	.4721	.1907	.7655	.5393	7.233	59.83	.6054
#1	.0037	1.294	.0963	4.657	.1989	.8928	.0088	.0046	1.228
#2	.0036	1.290	.0971	4.639	.1981	.8890	.0098	.0020	1.217
#3	.0036	1.296	.0971	4.650	.1960	.8985	.0086	.0016	1.215

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0324**	**.0740**	**4.865**	**.0027**	**.1486**	**.0027**	**.3362**	**.0066**
Stddev	.0009	.0002	.007	.0027	.0003	.0010	.0008	.0002
%RSD	2.862	.2181	.1408	96.54	.1953	36.38	.2361	2.624
#1	.0335	.0739	4.865	.0034	.1484	.0030	.3369	.0067
#2	.0322	.0740	4.872	-.0002	.1489	.0034	.3363	.0067
#3	.0316	.0742	4.859	.0050	.1484	.0016	.3353	.0064

Zoom In Zoom Out

Sample Name: jd58609-7 Acquired: 1/16/2023 14:22:25 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7147.2**	**109970.**	**14392.**	**2998.1**
Stddev	2.7	195.	47.	2.0
%RSD	.03805	.17773	.33004	.06615
#1	7149.0	109990.	14445.	2996.1
#2	7144.1	109760.	14377.	2998.2
#3	7148.6	110150.	14354.	3000.1

Zoom In Zoom Out

Sample Name: jd58609-8 Acquired: 1/16/2023 14:27:25 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**58.53**	**.0203**	**.0475**	**.3711**	**.0022**	**.6810**	**F 239.3**	**.0006**
Stddev	.0003	.01	.0017	.0017	.0003	.0000	.0024	3.5	.0001
%RSD	29.29	.0253	8.433	3.538	.0835	1.253	.3521	1.446	17.22
#1	.0011	58.54	.0221	.0470	.3711	.0022	.6793	238.7	.0007
#2	.0012	58.52	.0187	.0461	.3708	.0021	.6799	243.0	.0006
#3	.0007	58.54	.0200	.0493	.3715	.0022	.6837	236.2	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2324**	**.0597**	**.1380**	**.2931**	**118.0**	**15.82**	**.0524**	**85.07**	**1.272**
Stddev	.0016	.0005	.0006	.0005	.1	.02	.0003	.23	.004
%RSD	.7095	.8014	.4035	.1870	.0537	.1501	.4893	.2682	.3250
#1	.2328	.0601	.1380	.2925	118.0	15.84	.0527	85.06	1.272
#2	.2305	.0599	.1375	.2935	118.1	15.80	.0522	85.31	1.268
#3	.2338	.0592	.1386	.2934	118.0	15.81	.0523	84.85	1.276

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0051**	**3.950**	**.1033**	**3.991**	**.1034**	**2.773**	**.0096**	**-.0003**	**1.452**
Stddev	.0001	.003	.0001	.017	.0007	.012	.0010	.0013	.006
%RSD	1.510	.0684	.1171	.4241	.6971	.4194	9.966	390.9	.4076
#1	.0050	3.947	.1033	3.972	.1037	2.760	.0105	.0009	1.445
#2	.0052	3.953	.1032	4.003	.1040	2.778	.0086	-.0002	1.457
#3	.0051	3.949	.1034	4.000	.1026	2.782	.0095	-.0017	1.453

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0309**	**.2413**	**4.702**	**.0009**	**.2087**	**.0029**	**.2943**	**.0409**
Stddev	.0011	.0002	.014	.0024	.0009	.0015	.0011	.0001
%RSD	3.460	.0939	.2889	269.9	.4436	52.14	.3792	.2849
#1	.0300	.2414	4.701	-.0018	.2087	.0018	.2932	.0408
#2	.0305	.2415	4.689	.0016	.2078	.0023	.2955	.0409
#3	.0321	.2411	4.716	.0028	.2097	.0046	.2942	.0411

Zoom In Zoom Out

Sample Name: jd58609-8 Acquired: 1/16/2023 14:27:25 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6874.5**	**105820.**	**14216.**	**2884.5**
Stddev	8.4	460.	77.	6.9
%RSD	.12181	.43498	.54205	.23807
#1	6884.1	105850.	14250.	2891.9
#2	6868.7	106270.	14128.	2878.4
#3	6870.8	105350.	14270.	2883.3

Zoom In Zoom Out

Sample Name: jd58609-9 Acquired: 1/16/2023 14:32:32 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**68.18**	**.0139**	**.0914**	**.5067**	**.0027**	**.6857**	**51.14**	**.0012**
Stddev	.0001	.06	.0004	.0008	.0008	.0001	.0011	.04	.0004
%RSD	7.346	.0869	3.146	.9291	.1561	1.835	.1674	.0835	34.89
#1	.0021	68.14	.0139	.0923	.5066	.0027	.6870	51.11	.0012
#2	.0018	68.25	.0143	.0913	.5075	.0028	.6848	51.19	.0016
#3	.0020	68.15	.0134	.0906	.5059	.0027	.6853	51.12	.0008

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3190**	**.0588**	**.1094**	**.2160**	**124.3**	**13.22**	**.0542**	**37.01**	**1.653**
Stddev	.0030	.0003	.0005	.0007	.1	.02	.0006	.02	.001
%RSD	.9474	.5067	.4267	.3380	.0922	.1205	1.185	.0510	.0700
#1	.3167	.0584	.1089	.2168	124.2	13.22	.0545	37.01	1.655
#2	.3224	.0590	.1099	.2155	124.4	13.23	.0535	36.99	1.653
#3	.3178	.0589	.1094	.2155	124.3	13.20	.0546	37.02	1.653

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**2.498**	**.1049**	**5.691**	**.3189**	**.9232**	**.0086**	**.0001**	**1.420**
Stddev	.0001	.008	.0002	.007	.0002	.0006	.0006	.0001	.005
%RSD	3.455	.3335	.2200	.1184	.0664	.0647	6.736	110.7	.3424
#1	.0016	2.489	.1051	5.692	.3187	.9236	.0087	.0001	1.416
#2	.0016	2.499	.1048	5.697	.3191	.9234	.0091	-.0000	1.417
#3	.0017	2.505	.1046	5.684	.3188	.9225	.0080	.0002	1.425

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0328**	**.1578**	**4.753**	**.0012**	**.2463**	**.0025**	**.4490**	**.0155**
Stddev	.0010	.0001	.002	.0023	.0004	.0014	.0003	.0001
%RSD	3.188	.0454	.0349	185.5	.1784	54.78	.0687	.5441
#1	.0340	.1577	4.754	.0011	.2465	.0037	.4487	.0154
#2	.0319	.1579	4.751	-.0010	.2458	.0010	.4489	.0154
#3	.0325	.1577	4.754	.0036	.2467	.0029	.4493	.0156

Zoom In Zoom Out

Sample Name: jd58609-9 Acquired: 1/16/2023 14:32:32 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7101.6**	**108550.**	**14367.**	**2969.6**
Stddev	13.9	97.	69.	1.1
%RSD	.19535	.08969	.48301	.03723
#1	7108.7	108440.	14406.	2970.2
#2	7085.7	108620.	14408.	2968.3
#3	7110.6	108590.	14287.	2970.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 14:37:35 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2578**	**39.71**	**2.073**	**2.048**	**1.991**	**2.023**	**2.035**	**39.18**	**2.013**
Stddev	.0008	.07	.011	.009	.002	.002	.010	.06	.010
%RSD	.3060	.1691	.5075	.4339	.0842	.1209	.4790	.1419	.5044
#1	.2575	39.63	2.080	2.052	1.989	2.021	2.043	39.12	2.020
#2	.2586	39.73	2.078	2.054	1.991	2.022	2.038	39.21	2.018
#3	.2571	39.76	2.061	2.038	1.992	2.026	2.024	39.21	2.002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.040**	**2.017**	**2.009**	**1.992**	**39.39**	**39.33**	**2.018**	**39.21**	**2.036**
Stddev	.011	.011	.013	.008	.04	.10	.003	.08	.011
%RSD	.5191	.5619	.6353	.4071	.0961	.2562	.1508	.1945	.5226
#1	2.030	2.025	2.002	1.984	39.35	39.22	2.016	39.16	2.032
#2	2.052	2.022	2.023	2.000	39.41	39.35	2.017	39.17	2.048
#3	2.039	2.004	2.000	1.990	39.42	39.42	2.021	39.30	2.029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.098**	**39.98**	**2.042**	**2.034**	**2.046**	**2.051**	**2.074**	**2.020**	**5.035**
Stddev	.010	.05	.011	.011	.011	.007	.011	.014	.028
%RSD	.4885	.1250	.5345	.5509	.5282	.3576	.5475	.6715	.5462
#1	2.105	39.93	2.048	2.044	2.055	2.054	2.083	2.026	5.053
#2	2.104	40.02	2.048	2.038	2.050	2.056	2.078	2.030	5.049
#3	2.087	40.01	2.029	2.022	2.034	2.043	2.061	2.005	5.003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 14:37:35 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.103**	**2.043**	**2.059**	**2.040**	**2.004**	**2.096**	**1.969**	**2.056**
Stddev	.011	.002	.011	.012	.010	.011	.009	.009
%RSD	.5225	.0820	.5276	.5855	.5080	.5081	.4827	.4479
#1	2.109	2.041	2.052	2.048	1.999	2.106	1.973	2.050
#2	2.111	2.044	2.071	2.046	2.016	2.098	1.975	2.067
#3	2.091	2.043	2.053	2.026	1.998	2.085	1.958	2.052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7028.0**	**104830.**	**13737.**	**2897.4**
Stddev	28.7	594.	37.	10.0
%RSD	.40816	.56698	.26932	.34515
#1	7010.1	104840.	13780.	2892.3
#2	7012.8	104230.	13718.	2891.1
#3	7061.0	105420.	13715.	2909.0

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 14:42:26 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0061**	**-.0001**	**.0040**	**.0001**	**.0000**	**-.0021**	**.0124**	**-.0000**
Stddev	.0001	.0010	.0015	.0007	.0000	.0000	.0020	.0019	.0002
%RSD	84.83	15.65	1208.	16.78	6.565	34.55	93.29	15.11	1068.
#1	-.0001	-.0055	.0011	.0043	.0001	.0000	-.0044	.0126	-.0003
#2	-.0001	-.0072	-.0018	.0032	.0001	.0000	-.0015	.0141	.0001
#3	-.0003	-.0056	.0004	.0044	.0001	.0000	-.0006	.0104	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0001**	**-.0004**	**.0003**	**.0030**	**-.0118**	**-.0015**	**-.0088**	**-.0000**
Stddev	.0024	.0005	.0002	.0001	.0019	.0196	.0011	.0128	.0001
%RSD	299.6	365.1	41.79	46.76	63.41	165.9	73.91	146.4	284.5
#1	.0028	-.0005	-.0005	.0004	.0008	.0039	-.0004	-.0226	.0000
#2	.0014	.0004	-.0006	.0003	.0040	-.0056	-.0015	-.0063	-.0001
#3	-.0018	-.0004	-.0002	.0001	.0043	-.0337	-.0025	.0026	-.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0674**	**-.0004**	**-.0030**	**.0006**	**-.0000**	**.0022**	**-.0007**	**.0042**
Stddev	.0002	.0064	.0003	.0005	.0011	.0020	.0011	.0018	.0003
%RSD	152.5	9.521	83.07	15.34	171.5	16100.	50.00	272.2	6.029
#1	-.0001	.0615	-.0001	-.0035	-.0006	.0015	.0010	.0006	.0039
#2	.0003	.0742	-.0007	-.0028	.0010	-.0023	.0025	.0001	.0042
#3	.0002	.0665	-.0004	-.0026	.0015	.0007	.0031	-.0027	.0044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 14:42:26 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0001**	**.0004**	**.0005**	**.0001**	**.0008**	**.0005**	**.0002**
Stddev	.0002	.0001	.0001	.0012	.0003	.0003	.0002	.0002
%RSD	265.5	109.4	20.18	224.3	266.2	31.29	34.87	116.6
#1	-.0002	-.0001	.0003	.0018	.0004	.0007	.0004	.0003
#2	.0000	-.0002	.0004	-.0005	-.0000	.0012	.0005	.0003
#3	.0000	.0000	.0005	.0002	-.0001	.0007	.0007	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7259.1**	**108400.**	**13700.**	**2949.2**
Stddev	20.8	264.	39.	7.8
%RSD	.28667	.24312	.28503	.26519
#1	7257.0	108400.	13727.	2949.5
#2	7239.4	108130.	13655.	2941.2
#3	7280.8	108660.	13719.	2956.8

Zoom In Zoom Out

Sample Name: jd58609-10 Acquired: 1/16/2023 14:47:40 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025**	**121.2**	**.0181**	**.5774**	**.5611**	**.0029**	**.8510**	**105.0**	**.0018**
Stddev	.0006	.4	.0011	.0109	.0021	.0000	.0027	.2	.0001
%RSD	24.84	.3199	5.815	1.881	.3657	1.421	.3200	.2154	3.038
#1	.0024	121.3	.0176	.5713	.5610	.0029	.8541	105.1	.0017
#2	.0020	120.7	.0174	.5709	.5592	.0029	.8500	104.7	.0018
#3	.0032	121.5	.0193	.5899	.5633	.0030	.8489	105.1	.0018

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3202**	**.1260**	**.0945**	**.6917**	F **226.1**	**16.91**	**.0727**	**78.25**	**2.020**
Stddev	.0008	.0024	.0005	.0019	.6	.07	.0019	.30	.005
%RSD	.2532	1.918	.5671	.2715	.2435	.3949	2.567	.3887	.2397
#1	.3210	.1253	.0951	.6928	226.4	16.89	.0748	78.51	2.021
#2	.3202	.1240	.0940	.6895	225.5	16.86	.0711	77.91	2.014
#3	.3194	.1286	.0945	.6928	226.5	16.99	.0723	78.32	2.023

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029**	**11.08**	**.1513**	**5.173**	**.4174**	**.9376**	**.0136**	**-.0003**	**1.602**
Stddev	.0002	.03	.0029	.101	.0071	.0200	.0023	.0016	.033
%RSD	8.591	.2934	1.948	1.951	1.712	2.129	17.19	590.2	2.037
#1	.0026	11.09	.1500	5.126	.4138	.9253	.0127	.0008	1.582
#2	.0031	11.05	.1493	5.104	.4127	.9269	.0163	.0006	1.585
#3	.0030	11.11	.1547	5.289	.4256	.9606	.0119	-.0022	1.640

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0424**	**.2946**	**5.931**	**.0002**	**.7117**	**.0044**	**.5204**	**.0400**
Stddev	.0005	.0007	.011	.0002	.0020	.0017	.0108	.0003
%RSD	1.208	.2320	.1770	82.22	.2787	38.12	2.084	.8320
#1	.0419	.2946	5.938	.0000	.7117	.0039	.5148	.0397
#2	.0429	.2939	5.919	.0003	.7097	.0031	.5135	.0400
#3	.0424	.2953	5.935	.0004	.7137	.0063	.5329	.0403

Zoom In Zoom Out

Sample Name: jd58609-10 Acquired: 1/16/2023 14:47:40 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6964.7**	**107130.**	**14227.**	**2896.3**
Stddev	109.0	493.	91.	51.4
%RSD	1.5646	.46040	.64099	1.7751
#1	7020.6	106780.	14138.	2922.7
#2	7034.3	107690.	14223.	2929.1
#3	6839.1	106910.	14320.	2837.0

Zoom In Zoom Out

Sample Name: jd58609-11 Acquired: 1/16/2023 14:52:39 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**53.22**	**.0078**	**.0094**	**.4468**	**.0023**	**.7471**	**191.3**	**.0012**
Stddev	.0001	.11	.0004	.0005	.0007	.0001	.0012	.2	.0003
%RSD	7.309	.1972	4.921	5.343	.1510	3.135	.1670	.0862	21.77
#1	.0013	53.35	.0077	.0099	.4474	.0023	.7457	191.5	.0013
#2	.0014	53.16	.0075	.0094	.4470	.0024	.7482	191.3	.0014
#3	.0012	53.16	.0082	.0089	.4461	.0024	.7474	191.1	.0009

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2382**	**.0444**	**.0986**	**.1105**	**96.39**	**20.77**	**.0631**	**116.0**	**2.196**
Stddev	.0013	.0008	.0003	.0002	.14	.02	.0017	.1	.004
%RSD	.5262	1.797	.2551	.1449	.1420	.1118	2.701	.0597	.1658
#1	.2390	.0451	.0986	.1104	96.54	20.77	.0648	116.0	2.195
#2	.2367	.0435	.0988	.1105	96.28	20.79	.0632	116.1	2.193
#3	.2388	.0445	.0983	.1107	96.35	20.74	.0614	115.9	2.200

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0041**	**1.469**	**.0905**	**3.324**	**.0489**	**.2852**	**.0089**	**-.0002**	**1.340**
Stddev	.0004	.003	.0005	.011	.0016	.0008	.0005	.0028	.009
%RSD	9.279	.1916	.5827	.3228	3.295	.2913	5.423	1217.	.6818
#1	.0043	1.469	.0899	3.317	.0488	.2859	.0094	-.0009	1.347
#2	.0043	1.472	.0910	3.336	.0505	.2854	.0090	-.0026	1.343
#3	.0036	1.467	.0906	3.318	.0473	.2843	.0084	.0029	1.329

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0289**	**.1374**	**5.179**	**.0019**	**.1358**	**.0018**	**.2477**	**.0049**
Stddev	.0018	.0007	.009	.0023	.0002	.0015	.0001	.0001
%RSD	6.200	.4995	.1763	120.7	.1264	85.03	.0486	2.040
#1	.0310	.1382	5.176	.0041	.1359	.0036	.2476	.0051
#2	.0277	.1373	5.172	.0021	.1356	.0008	.2477	.0049
#3	.0280	.1368	5.189	-.0005	.1359	.0010	.2478	.0049

Zoom In Zoom Out

Sample Name: jd58609-11 Acquired: 1/16/2023 14:52:39 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6854.9**	**105230.**	**13827.**	**2878.0**
Stddev	11.5	362.	45.	3.3
%RSD	.16789	.34438	.32379	.11496
#1	6853.8	105410.	13838.	2874.8
#2	6866.9	105460.	13777.	2877.7
#3	6843.9	104810.	13865.	2881.4

Zoom In Zoom Out

Sample Name: jd58609-12 Acquired: 1/16/2023 14:57:41 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**36.29**	**.0082**	**.0095**	**.2926**	**.0017**	**.4931**	F **286.3**	**.0002**
Stddev	.0005	.17	.0018	.0008	.0016	.0000	.0016	2.7	.0003
%RSD	58.03	.4794	21.94	8.815	.5326	.2228	.3233	.9461	101.7
#1	.0005	36.48	.0061	.0104	.2944	.0017	.4936	285.0	.0000
#2	.0014	36.14	.0093	.0094	.2916	.0017	.4944	284.5	.0002
#3	.0006	36.26	.0091	.0088	.2919	.0017	.4913	289.5	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1599**	**.0380**	**.0849**	**.0955**	**79.93**	**13.59**	**.0445**	**148.0**	**1.102**
Stddev	.0039	.0008	.0005	.0006	.33	.04	.0005	.7	.003
%RSD	2.456	2.005	.6366	.6645	.4117	.3118	1.083	.4402	.2475
#1	.1641	.0372	.0845	.0957	80.25	13.61	.0447	148.7	1.103
#2	.1563	.0382	.0855	.0959	79.59	13.62	.0440	147.4	1.105
#3	.1592	.0386	.0846	.0947	79.97	13.54	.0448	147.9	1.099

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0045**	**1.824**	**.0669**	**3.197**	**.0181**	**.1590**	**.0058**	**.0007**	**1.031**
Stddev	.0001	.004	.0002	.003	.0023	.0046	.0005	.0029	.003
%RSD	1.722	.2191	.3581	.1055	12.64	2.917	9.455	395.0	.3113
#1	.0044	1.821	.0666	3.194	.0181	.1537	.0052	-.0026	1.028
#2	.0046	1.828	.0671	3.197	.0159	.1619	.0059	.0023	1.032
#3	.0044	1.822	.0669	3.201	.0205	.1615	.0063	.0025	1.034

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0206**	**.1748**	**3.407**	**.0018**	**.1049**	**.0032**	**.1591**	**.0032**
Stddev	.0009	.0010	.009	.0010	.0006	.0006	.0003	.0001
%RSD	4.518	.5507	.2541	57.22	.5412	19.70	.1970	3.619
#1	.0209	.1757	3.408	.0021	.1052	.0035	.1593	.0032
#2	.0215	.1738	3.414	.0026	.1052	.0036	.1592	.0034
#3	.0196	.1749	3.397	.0006	.1042	.0025	.1587	.0031

Zoom In Zoom Out

Sample Name: jd58609-12 Acquired: 1/16/2023 14:57:41 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6756.4**	**104440.**	**13811.**	**2829.6**
Stddev	9.9	243.	49.	2.2
%RSD	.14655	.23269	.35469	.07655
#1	6766.8	104560.	13860.	2831.0
#2	6747.0	104160.	13762.	2827.1
#3	6755.4	104590.	13811.	2830.8

Zoom In Zoom Out

Sample Name: jd58609-13 Acquired: 1/16/2023 15:02:52 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**57.27**	**.0129**	**.0106**	**.3933**	**.0027**	**.7322**	**150.9**	**.0014**
Stddev	.0005	.14	.0011	.0013	.0016	.0000	.0037	.3	.0003
%RSD	39.97	.2427	8.289	12.17	.3953	.9947	.5096	.1894	22.39
#1	.0011	57.19	.0121	.0109	.3921	.0027	.7283	150.7	.0018
#2	.0008	57.43	.0126	.0092	.3950	.0027	.7327	151.3	.0013
#3	.0018	57.19	.0141	.0117	.3926	.0027	.7357	150.9	.0011

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2850**	**.0513**	**.1097**	**.1302**	**105.8**	**17.48**	**.0644**	**94.33**	**1.819**
Stddev	.0030	.0002	.0004	.0002	.3	.04	.0016	.05	.006
%RSD	1.042	.3708	.3251	.1919	.2441	.2144	2.510	.0480	.3484
#1	.2884	.0512	.1094	.1300	105.6	17.46	.0661	94.33	1.812
#2	.2839	.0515	.1101	.1304	106.1	17.52	.0640	94.38	1.824
#3	.2827	.0511	.1095	.1301	105.7	17.46	.0629	94.29	1.821

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027**	**1.966**	**.0993**	**5.257**	**.0904**	**.2791**	**.0088**	**.0015**	**1.417**
Stddev	.0006	.002	.0003	.008	.0007	.0038	.0023	.0019	.012
%RSD	22.66	.1197	.3335	.1483	.7817	1.369	25.67	131.0	.8290
#1	.0033	1.966	.0996	5.265	.0896	.2807	.0114	.0037	1.429
#2	.0028	1.964	.0993	5.256	.0910	.2747	.0078	.0004	1.418
#3	.0021	1.969	.0989	5.250	.0905	.2818	.0073	.0003	1.405

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0275**	**.1396**	**5.057**	**.0001**	**.1598**	**.0009**	**.3219**	**.0090**
Stddev	.0009	.0001	.014	.0007	.0005	.0007	.0007	.0002
%RSD	3.166	.0973	.2717	786.1	.3223	86.87	.2070	2.587
#1	.0280	.1395	5.042	.0003	.1592	.0017	.3211	.0091
#2	.0279	.1398	5.069	.0007	.1602	.0006	.3223	.0087
#3	.0265	.1396	5.061	-.0007	.1599	.0002	.3222	.0091

Zoom In Zoom Out

Sample Name: jd58609-13 Acquired: 1/16/2023 15:02:52 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6893.2**	**106290.**	**14003.**	**2897.1**
Stddev	4.3	468.	31.	3.6
%RSD	.06192	.44012	.22260	.12372
#1	6897.5	106830.	13968.	2900.8
#2	6889.0	106020.	14016.	2896.9
#3	6893.2	106030.	14026.	2893.7

Zoom In Zoom Out

Sample Name: jd58609-14 Acquired: 1/16/2023 15:07:54 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	**49.26**	**.0089**	**.0102**	**.3272**	**.0023**	**.6809**	F **268.8**	**.0011**
Stddev	.0002	.17	.0016	.0007	.0010	.0000	.0012	3.9	.0001
%RSD	9.403	.3538	17.72	6.714	.3140	2.135	.1832	1.437	12.71
#1	.0019	49.36	.0098	.0101	.3275	.0022	.6796	273.2	.0012
#2	.0018	49.36	.0071	.0109	.3281	.0023	.6821	267.0	.0009
#3	.0016	49.06	.0098	.0095	.3261	.0023	.6810	266.1	.0011

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1843**	**.0447**	**.1010**	**.1304**	**98.87**	**15.65**	**.0618**	**170.4**	**1.605**
Stddev	.0040	.0001	.0008	.0009	.27	.07	.0016	.9	.007
%RSD	2.192	.3125	.8114	.7239	.2773	.4286	2.633	.5572	.4119
#1	.1802	.0446	.1003	.1294	99.01	15.70	.0610	171.1	1.597
#2	.1844	.0448	.1009	.1312	99.04	15.67	.0636	170.9	1.609
#3	.1883	.0449	.1019	.1305	98.55	15.57	.0607	169.3	1.608

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0071**	**2.552**	**.0875**	**3.016**	**.0305**	**2.864**	**.0086**	**.0021**	**1.660**
Stddev	.0004	.017	.0004	.003	.0010	.006	.0022	.0029	.018
%RSD	5.886	.6704	.4819	.0995	3.147	.1965	25.55	139.7	1.082
#1	.0067	2.548	.0879	3.020	.0299	2.868	.0111	-.0004	1.641
#2	.0069	2.571	.0875	3.015	.0299	2.866	.0075	.0052	1.676
#3	.0075	2.537	.0871	3.014	.0316	2.858	.0071	.0014	1.664

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0242**	**.1459**	**4.682**	**.0030**	**.1374**	**.0030**	**.2351**	**.0038**
Stddev	.0006	.0005	.016	.0035	.0007	.0007	.0004	.0001
%RSD	2.529	.3549	.3446	113.9	.5008	24.94	.1835	3.188
#1	.0241	.1464	4.663	-.0006	.1368	.0022	.2355	.0036
#2	.0248	.1461	4.689	.0062	.1381	.0033	.2346	.0038
#3	.0236	.1454	4.693	.0035	.1374	.0036	.2353	.0038

Zoom In Zoom Out

Sample Name: jd58609-14 Acquired: 1/16/2023 15:07:54 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6739.1**	**103960.**	**13895.**	**2830.2**
Stddev	3.6	351.	102.	.5
%RSD	.05320	.33764	.73761	.01617
#1	6737.0	104360.	13816.	2830.6
#2	6737.0	103730.	13859.	2829.7
#3	6743.2	103790.	14011.	2830.4

Zoom In Zoom Out

Sample Name: jd58609-15 Acquired: 1/16/2023 15:13:04 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**43.76**	**.0068**	**.0088**	**.3145**	**.0021**	**.6281**	F **262.6**	**.0011**
Stddev	.0005	.15	.0018	.0003	.0009	.0001	.0036	2.3	.0002
%RSD	40.27	.3351	25.82	3.090	.3020	4.194	.5679	.8850	19.33
#1	.0017	43.62	.0077	.0090	.3135	.0021	.6318	263.8	.0008
#2	.0007	43.91	.0080	.0089	.3149	.0020	.6247	259.9	.0012
#3	.0016	43.76	.0048	.0085	.3152	.0021	.6277	264.0	.0012

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1486**	**.0420**	**.1023**	**.0991**	**86.57**	**15.16**	**.0543**	**169.4**	**1.299**
Stddev	.0003	.0008	.0007	.0002	.34	.09	.0012	.8	.004
%RSD	.2141	1.837	.6888	.2275	.3912	.6197	2.222	.4432	.3352
#1	.1482	.0414	.1030	.0989	86.18	15.05	.0529	168.5	1.303
#2	.1488	.0429	.1021	.0990	86.76	15.20	.0550	169.9	1.294
#3	.1488	.0417	.1016	.0993	86.76	15.23	.0550	169.6	1.299

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0080**	**2.555**	**.0756**	**2.819**	**.0272**	**2.214**	**.0076**	**-.0008**	**1.349**
Stddev	.0004	.013	.0001	.018	.0014	.021	.0018	.0021	.005
%RSD	5.265	.5172	.1280	.6476	5.063	.9311	23.75	250.0	.3444
#1	.0075	2.544	.0756	2.834	.0268	2.228	.0056	.0016	1.354
#2	.0083	2.569	.0756	2.824	.0261	2.224	.0079	-.0021	1.348
#3	.0080	2.550	.0755	2.799	.0287	2.191	.0092	-.0020	1.345

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0235**	**.1351**	**4.324**	**.0031**	**.1174**	**.0032**	**.2252**	**.0030**
Stddev	.0007	.0006	.013	.0008	.0002	.0012	.0015	.0001
%RSD	2.850	.4429	.2939	26.76	.1624	38.29	.6495	3.111
#1	.0233	.1345	4.334	.0023	.1175	.0041	.2263	.0029
#2	.0229	.1357	4.310	.0040	.1172	.0018	.2258	.0030
#3	.0242	.1351	4.329	.0030	.1175	.0038	.2236	.0031

Zoom In Zoom Out

Sample Name: jd58609-15 Acquired: 1/16/2023 15:13:04 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6755.1**	**104630.**	**13712.**	**2827.3**
Stddev	28.4	538.	80.	14.0
%RSD	.42025	.51389	.58613	.49558
#1	6734.2	104010.	13804.	2814.6
#2	6743.6	104930.	13678.	2824.9
#3	6787.4	104950.	13655.	2842.3

Zoom In Zoom Out

Sample Name: jd58609-16 Acquired: 1/16/2023 15:18:15 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**44.80**	**.0074**	**.0085**	**.3028**	**.0020**	**.5951**	F **245.4**	**.0012**
Stddev	.0003	.16	.0015	.0017	.0010	.0001	.0012	1.2	.0001
%RSD	18.07	.3498	20.56	19.59	.3313	2.878	.2046	.4812	10.31
#1	.0016	44.67	.0061	.0101	.3020	.0020	.5943	244.9	.0012
#2	.0019	44.97	.0091	.0067	.3039	.0021	.5965	246.7	.0010
#3	.0023	44.75	.0071	.0088	.3024	.0020	.5945	244.5	.0013

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1842**	**.0415**	**.0870**	**.1246**	**88.10**	**14.50**	**.0544**	**150.7**	**1.455**
Stddev	.0028	.0004	.0003	.0003	.26	.04	.0015	.4	.004
%RSD	1.497	.9041	.3025	.2554	.2958	.2960	2.718	.2896	.2832
#1	.1824	.0411	.0873	.1245	87.91	14.46	.0534	150.4	1.452
#2	.1874	.0417	.0868	.1249	88.40	14.54	.0561	151.2	1.460
#3	.1828	.0418	.0870	.1243	88.00	14.49	.0537	150.6	1.455

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044**	**2.145**	**.0768**	**3.030**	**.0317**	**2.349**	**.0072**	**-.0006**	**1.567**
Stddev	.0001	.011	.0003	.006	.0036	.006	.0008	.0030	.008
%RSD	1.459	.4895	.3602	.2159	11.35	.2503	11.65	459.6	.4877
#1	.0044	2.136	.0770	3.027	.0358	2.355	.0065	-.0006	1.575
#2	.0043	2.156	.0769	3.038	.0296	2.348	.0070	-.0036	1.563
#3	.0043	2.142	.0765	3.026	.0296	2.344	.0082	.0023	1.562

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0243**	**.1366**	**4.093**	**.0026**	**.1229**	**.0024**	**.2022**	**.0034**
Stddev	.0005	.0005	.009	.0008	.0001	.0005	.0008	.0001
%RSD	2.224	.3348	.2259	31.18	.0815	20.18	.3869	3.347
#1	.0242	.1360	4.088	.0020	.1230	.0018	.2019	.0032
#2	.0238	.1369	4.103	.0035	.1228	.0027	.2030	.0035
#3	.0249	.1368	4.087	.0023	.1229	.0026	.2015	.0034

Zoom In Zoom Out

Sample Name: jd58609-16 Acquired: 1/16/2023 15:18:15 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6750.6**	**104170.**	**13662.**	**2833.8**
Stddev	15.8	276.	32.	9.9
%RSD	.23351	.26476	.23594	.34798
#1	6751.0	104480.	13625.	2832.9
#2	6734.6	104110.	13676.	2824.4
#3	6766.1	103940.	13684.	2844.1

Zoom In Zoom Out

Sample Name: jd58609-17 Acquired: 1/16/2023 15:23:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**48.51**	**.0120**	**.0086**	**.3721**	**.0022**	**.6450**	**123.5**	**.0009**
Stddev	.0003	.12	.0012	.0014	.0006	.0001	.0020	.4	.0001
%RSD	33.01	.2395	10.09	16.95	.1599	3.373	.3145	.3142	11.89
#1	.0006	48.63	.0126	.0096	.3727	.0023	.6445	123.9	.0009
#2	.0011	48.40	.0128	.0091	.3715	.0023	.6472	123.1	.0007
#3	.0010	48.49	.0106	.0069	.3722	.0022	.6432	123.5	.0009

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2340**	**.0440**	**.0916**	**.1117**	**91.01**	**14.39**	**.0577**	**80.25**	**1.469**
Stddev	.0017	.0003	.0006	.0003	.23	.05	.0004	.46	.003
%RSD	.7391	.6040	.6248	.2443	.2568	.3370	.7270	.5779	.1902
#1	.2358	.0442	.0911	.1115	91.25	14.45	.0577	80.61	1.467
#2	.2323	.0440	.0914	.1120	90.79	14.35	.0573	79.73	1.472
#3	.2340	.0437	.0922	.1115	90.99	14.38	.0581	80.41	1.468

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**.9312**	**.0825**	**3.690**	**.1100**	**.7022**	**.0089**	**-.0019**	**1.426**
Stddev	.0002	.0049	.0001	.006	.0018	.0018	.0013	.0030	.011
%RSD	9.470	.5218	.1405	.1642	1.640	.2497	14.66	154.5	.7570
#1	.0023	.9257	.0823	3.695	.1088	.7041	.0076	-.0053	1.436
#2	.0019	.9328	.0826	3.683	.1091	.7020	.0091	.0002	1.414
#3	.0020	.9350	.0825	3.693	.1120	.7006	.0102	-.0007	1.427

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1013**	**.1070**	**4.435**	**.0022**	**.1372**	**.0019**	**.2658**	**.0071**
Stddev	.0006	.0002	.012	.0020	.0004	.0016	.0006	.0003
%RSD	.5606	.1847	.2701	93.83	.2634	83.04	.2352	3.839
#1	.1012	.1073	4.425	.0019	.1368	.0015	.2665	.0069
#2	.1008	.1069	4.448	.0044	.1376	.0006	.2657	.0074
#3	.1019	.1069	4.432	.0003	.1371	.0037	.2653	.0069

Zoom In Zoom Out

Sample Name: jd58609-17 Acquired: 1/16/2023 15:23:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6933.1**	**106780.**	**13985.**	**2898.4**
Stddev	13.4	229.	130.	7.1
%RSD	.19262	.21417	.92667	.24557
#1	6921.6	107040.	13904.	2890.5
#2	6930.1	106680.	14134.	2900.7
#3	6947.7	106610.	13917.	2904.2

Zoom In Zoom Out

Sample Name: jd58609-18 Acquired: 1/16/2023 15:28:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**53.15**	**.0102**	**.0087**	**.3637**	**.0024**	**.7075**	**162.9**	**.0012**
Stddev	.0002	.17	.0019	.0015	.0014	.0000	.0009	.8	.0001
%RSD	41.71	.3201	18.67	17.18	.3812	.7720	.1266	.4754	5.090
#1	.0007	53.33	.0081	.0104	.3650	.0025	.7066	163.8	.0011
#2	.0003	53.12	.0107	.0075	.3623	.0024	.7076	162.8	.0012
#3	.0005	53.00	.0118	.0082	.3638	.0024	.7083	162.2	.0012

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2828**	**.0431**	**.1026**	**.1118**	**96.87**	**15.59**	**.0578**	**96.97**	**1.489**
Stddev	.0049	.0002	.0003	.0006	.44	.06	.0003	.57	.004
%RSD	1.729	.4102	.2832	.5054	.4504	.3907	.5275	.5916	.2533
#1	.2872	.0433	.1022	.1123	97.35	15.64	.0582	97.55	1.485
#2	.2775	.0430	.1026	.1112	96.74	15.60	.0576	96.95	1.489
#3	.2837	.0430	.1028	.1120	96.51	15.52	.0577	96.40	1.492

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**1.574**	**.0859**	**5.113**	**.0618**	**.3706**	**.0087**	**-.0005**	**1.406**
Stddev	.0004	.015	.0006	.014	.0021	.0024	.0020	.0030	.002
%RSD	55.15	.9738	.6620	.2647	3.348	.6349	23.33	591.2	.1152
#1	.0003	1.591	.0858	5.123	.0624	.3708	.0079	.0005	1.405
#2	.0007	1.561	.0853	5.118	.0635	.3728	.0110	.0018	1.408
#3	.0010	1.570	.0865	5.097	.0595	.3681	.0073	-.0039	1.407

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0265**	**.1354**	**4.873**	**.0019**	**.1460**	**.0013**	**.2484**	**.0074**
Stddev	.0003	.0006	.009	.0020	.0007	.0015	.0010	.0002
%RSD	1.097	.4208	.1764	106.7	.4869	119.8	.4116	2.808
#1	.0266	.1360	4.866	.0030	.1452	.0007	.2489	.0076
#2	.0262	.1349	4.871	.0032	.1463	.0030	.2491	.0072
#3	.0267	.1352	4.883	-.0004	.1465	.0001	.2472	.0074

Zoom In Zoom Out

Sample Name: jd58609-18 Acquired: 1/16/2023 15:28:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6922.7**	**106650.**	**14186.**	**2913.0**
Stddev	6.5	610.	160.	5.0
%RSD	.09451	.57152	1.1267	.17061
#1	6928.4	107350.	14074.	2914.0
#2	6915.6	106220.	14115.	2907.6
#3	6924.3	106370.	14369.	2917.3

Zoom In Zoom Out

Sample Name: jd58609-19 Acquired: 1/16/2023 15:33:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**49.83**	**.0108**	**.0078**	**.3389**	**.0024**	**.6854**	**173.2**	**.0013**
Stddev	.0002	.16	.0005	.0003	.0009	.0001	.0025	.8	.0001
%RSD	13.44	.3127	4.778	4.242	.2516	2.287	.3610	.4563	5.597
#1	.0012	49.72	.0109	.0082	.3390	.0024	.6845	172.6	.0014
#2	.0014	50.01	.0102	.0075	.3398	.0024	.6835	174.1	.0013
#3	.0011	49.76	.0112	.0079	.3381	.0025	.6882	172.9	.0013

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2722**	**.0444**	**.0999**	**.1092**	**96.21**	**15.80**	**.0565**	**102.2**	**1.375**
Stddev	.0005	.0004	.0002	.0006	.35	.06	.0010	.7	.006
%RSD	.1669	.9423	.1980	.5431	.3628	.4053	1.695	.6376	.4404
#1	.2718	.0439	.1001	.1085	95.90	15.78	.0566	101.7	1.372
#2	.2721	.0446	.0998	.1094	96.59	15.88	.0556	102.9	1.371
#3	.2727	.0447	.0998	.1096	96.13	15.76	.0575	101.8	1.382

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**2.000**	**.0872**	**5.236**	**.0383**	**.2507**	**.0085**	**-.0002**	**1.273**
Stddev	.0005	.006	.0002	.012	.0019	.0086	.0017	.0031	.007
%RSD	36.18	.2842	.1797	.2259	4.997	3.414	20.06	1504.	.5306
#1	.0021	1.994	.0870	5.238	.0391	.2495	.0099	-.0037	1.278
#2	.0010	2.005	.0872	5.247	.0398	.2428	.0091	.0012	1.275
#3	.0016	2.002	.0873	5.223	.0362	.2598	.0066	.0020	1.265

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0274**	**.1302**	**4.735**	**.0030**	**.1387**	**.0024**	**.2360**	**.0067**
Stddev	.0006	.0005	.022	.0031	.0005	.0002	.0004	.0000
%RSD	2.211	.3769	.4553	105.5	.3601	9.875	.1899	.1306
#1	.0270	.1300	4.718	.0061	.1382	.0027	.2356	.0067
#2	.0272	.1307	4.728	-.0001	.1388	.0022	.2365	.0066
#3	.0281	.1298	4.760	.0028	.1392	.0022	.2359	.0067

Zoom In Zoom Out

Sample Name: jd58609-19 Acquired: 1/16/2023 15:33:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6881.1**	**106420.**	**14005.**	**2888.1**
Stddev	6.1	573.	152.	5.2
%RSD	.08851	.53886	1.0852	.18054
#1	6881.7	106390.	14135.	2889.7
#2	6874.7	107010.	13838.	2882.3
#3	6886.9	105860.	14041.	2892.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 15:38:24 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2581**	**39.79**	**2.084**	**2.055**	**1.992**	**2.018**	**2.042**	**38.99**	**2.018**
Stddev	.0006	.05	.010	.004	.002	.001	.009	.05	.006
%RSD	.2319	.1274	.4973	.1752	.1021	.0292	.4578	.1390	.3197
#1	.2579	39.81	2.090	2.056	1.990	2.019	2.045	39.01	2.021
#2	.2588	39.83	2.090	2.058	1.992	2.018	2.050	39.03	2.023
#3	.2576	39.73	2.072	2.051	1.995	2.018	2.032	38.93	2.011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.044**	**2.023**	**2.005**	**1.997**	**39.14**	**39.50**	**2.026**	**39.02**	**2.039**
Stddev	.009	.006	.013	.014	.01	.08	.002	.13	.012
%RSD	.4426	.3124	.6267	.6997	.0149	.1998	.0717	.3343	.6048
#1	2.041	2.028	2.006	1.995	39.15	39.59	2.025	39.08	2.041
#2	2.055	2.025	2.016	2.011	39.14	39.49	2.027	39.10	2.050
#3	2.037	2.016	1.991	1.984	39.14	39.43	2.027	38.87	2.026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.107**	**40.11**	**2.044**	**2.039**	**2.052**	**2.058**	**2.079**	**2.031**	**5.041**
Stddev	.009	.05	.007	.010	.006	.006	.006	.008	.026
%RSD	.4346	.1138	.3310	.4829	.2971	.3012	.3038	.4124	.5211
#1	2.110	40.14	2.048	2.039	2.056	2.058	2.082	2.040	5.050
#2	2.114	40.05	2.049	2.048	2.054	2.064	2.083	2.030	5.061
#3	2.096	40.13	2.037	2.029	2.045	2.052	2.072	2.023	5.011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 15:38:24 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.106**	**2.048**	**2.060**	**2.051**	**2.004**	**2.102**	**1.961**	**2.054**
Stddev	.009	.001	.011	.006	.012	.005	.004	.011
%RSD	.4446	.0558	.5479	.2933	.6167	.2554	.2277	.5452
#1	2.109	2.048	2.060	2.058	2.005	2.104	1.963	2.054
#2	2.113	2.047	2.072	2.051	2.017	2.106	1.965	2.066
#3	2.095	2.049	2.049	2.045	1.992	2.096	1.956	2.043
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7067.2**	**105740.**	**13660.**	**2917.8**
Stddev	17.5	680.	120.	8.5
%RSD	.24750	.64334	.87754	.29230
#1	7051.0	105540.	13576.	2911.4
#2	7064.8	105190.	13606.	2914.7
#3	7085.7	106500.	13797.	2927.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 15:43:16 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0131**	**-.0008**	**.0030**	**.0001**	**-.0000**	**-.0016**	**.0127**	**.0001**
Stddev	.0007	.0030	.0012	.0005	.0001	.0000	.0012	.0038	.0002
%RSD	59.04	22.70	154.8	16.54	224.5	1036.	74.00	30.06	291.8
#1	-.0015	-.0097	.0005	.0025	.0000	-.0000	-.0012	.0167	-.0001
#2	-.0004	-.0141	-.0019	.0031	-.0001	.0000	-.0007	.0125	.0003
#3	-.0015	-.0154	-.0008	.0035	.0002	.0000	-.0029	.0090	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**-.0002**	**-.0003**	**.0003**	**-.0001**	**.0000**	**.0003**	**-.0003**	**-.0000**
Stddev	.0022	.0001	.0001	.0002	.0015	.0154	.0018	.0007	.0000
%RSD	382.6	66.47	26.71	68.31	2249.	38470.	708.1	205.4	162.2
#1	-.0005	-.0003	-.0002	.0001	-.0017	.0169	-.0015	-.0000	.0000
#2	-.0029	-.0002	-.0003	.0004	.0003	-.0034	.0001	-.0011	-.0000
#3	.0016	-.0001	-.0004	.0005	.0012	-.0134	.0021	.0002	-.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0724**	**.0001**	**-.0026**	**-.0001**	**-.0000**	**.0020**	**.0000**	**.0042**
Stddev	.0003	.0008	.0001	.0012	.0018	.0003	.0017	.0016	.0015
%RSD	144.7	1.157	92.10	46.72	2974.	791.0	84.98	5095.	35.05
#1	.0005	.0718	.0002	-.0015	.0016	-.0001	.0010	-.0016	.0054
#2	.0001	.0722	.0001	-.0025	.0002	-.0003	.0039	-.0000	.0026
#3	-.0000	.0734	.0000	-.0039	-.0019	.0003	.0010	.0017	.0047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 15:43:16 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0001**	**.0004**	**-.0009**	**-.0001**	**.0007**	**.0003**	**.0001**
Stddev	.0008	.0000	.0003	.0015	.0001	.0013	.0001	.0000
%RSD	27010.	72.24	66.40	171.6	74.85	186.9	26.09	25.26
#1	.0002	-.0000	.0007	-.0010	-.0002	.0021	.0002	.0002
#2	-.0009	-.0000	.0004	.0007	-.0002	-.0004	.0003	.0001
#3	.0008	-.0001	.0001	-.0024	-.0000	.0003	.0003	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7248.5**	**108440.**	**13726.**	**2944.0**
Stddev	29.3	459.	135.	9.8
%RSD	.40366	.42357	.98600	.33250
#1	7248.4	108940.	13851.	2945.2
#2	7277.8	108340.	13582.	2953.2
#3	7219.3	108040.	13744.	2933.7

Zoom In Zoom Out

Sample Name: mp37424-mb1 Acquired: 1/16/2023 15:48:30 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**-.0000**	**-.0011**	**.0015**	**-.0000**	**-.0000**	**-.0017**	**-.0012**	**-.0000**
Stddev	.0001	.0135	.0002	.0008	.0004	.0000	.0004	.0012	.0002
%RSD	11.52	28830.	15.53	49.54	1649.	248.9	22.03	102.9	431.3
#1	-.0007	-.0135	-.0010	.0022	.0004	-.0000	-.0021	-.0020	-.0002
#2	-.0007	.0135	-.0011	.0007	-.0000	-.0001	-.0017	-.0017	.0002
#3	-.0005	-.0002	-.0013	.0016	-.0004	.0000	-.0013	.0002	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0001**	**-.0001**	**.0004**	**.0004**	**-.0180**	**-.0002**	**-.0171**	**.0001**
Stddev	.0031	.0005	.0003	.0000	.0010	.0200	.0013	.0226	.0000
%RSD	641.4	762.2	200.4	11.18	216.1	111.3	565.9	132.1	32.11
#1	.0019	-.0003	.0002	.0004	-.0001	.0051	.0005	-.0424	.0001
#2	.0006	-.0005	-.0002	.0004	.0015	-.0300	-.0017	-.0099	.0001
#3	-.0039	.0006	-.0004	.0003	-.0001	-.0292	.0005	.0010	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0150**	**-.0000**	**-.0033**	**.0006**	**.0016**	**.0016**	**.0007**	**.0127**
Stddev	.0001	.0088	.0002	.0008	.0002	.0032	.0002	.0008	.0009
%RSD	25.98	58.43	515.1	23.28	26.75	195.6	15.44	117.7	7.080
#1	.0007	.0069	-.0002	-.0026	.0007	-.0020	.0018	.0015	.0129
#2	.0004	.0138	-.0001	-.0032	.0007	.0034	.0013	.0008	.0117
#3	.0005	.0244	.0002	-.0041	.0004	.0035	.0017	-.0002	.0134

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0001**	**.0002**	**-.0004**	**-.0000**	**.0004**	**-.0002**	**.0001**
Stddev	.0016	.0001	.0002	.0013	.0002	.0004	.0001	.0000
%RSD	663.9	111.0	149.9	360.4	1879.	106.5	77.07	84.38
#1	.0009	.0001	.0004	-.0014	-.0003	.0009	-.0002	.0000
#2	.0014	.0001	.0001	.0011	.0002	.0001	-.0000	.0001
#3	-.0016	-.0000	-.0000	-.0008	-.0000	.0002	-.0003	.0001

Zoom In Zoom Out

Sample Name: mp37424-mb1 Acquired: 1/16/2023 15:48:30 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7270.1**	**109190.**	**13807.**	**2957.1**
Stddev	12.8	978.	48.	8.7
%RSD	.17597	.89534	.35016	.29470
#1	7269.1	110320.	13861.	2958.8
#2	7257.8	108590.	13793.	2947.6
#3	7283.4	108660.	13767.	2964.8

Zoom In Zoom Out

Sample Name: mp37424-b1 Acquired: 1/16/2023 15:53:43 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2479**	**25.65**	**2.032**	**1.990**	**1.933**	**1.966**	**.2990**	**25.21**	**1.971**
Stddev	.0008	.08	.010	.008	.004	.004	.0010	.05	.007
%RSD	.3260	.3021	.4874	.4008	.2236	.2222	.3441	.1987	.3617
#1	.2484	25.74	2.022	1.988	1.938	1.971	.3001	25.23	1.967
#2	.2469	25.59	2.042	1.999	1.930	1.962	.2986	25.15	1.979
#3	.2483	25.62	2.030	1.984	1.931	1.966	.2982	25.23	1.967

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**1.982**	**1.942**	**1.932**	**25.35**	**25.50**	**.0002**	**25.27**	**1.985**
Stddev	.0048	.005	.004	.001	.03	.05	.0008	.12	.003
%RSD	1087.	.2578	.1853	.0620	.1013	.2049	470.6	.4741	.1704
#1	.0059	1.979	1.946	1.932	25.37	25.52	-.0005	25.33	1.987
#2	-.0025	1.988	1.939	1.934	25.32	25.44	-.0001	25.14	1.981
#3	-.0021	1.979	1.941	1.931	25.35	25.54	.0011	25.36	1.987

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.024**	**25.91**	**1.997**	**1.972**	**2.002**	**.0147**	**1.988**	**1.961**	**.0489**
Stddev	.010	.07	.005	.010	.003	.0009	.008	.003	.0009
%RSD	.4768	.2786	.2593	.5203	.1700	6.300	.4118	.1601	1.805
#1	2.020	25.99	1.994	1.966	1.998	.0156	1.985	1.958	.0483
#2	2.035	25.86	2.003	1.984	2.005	.0148	1.997	1.964	.0484
#3	2.017	25.88	1.995	1.966	2.002	.0137	1.981	1.960	.0499

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.024**	**1.991**	**1.937**	**1.999**	**1.946**	**2.002**	**1.914**	**1.946**
Stddev	.006	.005	.002	.004	.003	.006	.008	.001
%RSD	.3062	.2367	.1258	.1948	.1277	.2824	.4362	.0717
#1	2.021	1.996	1.938	1.997	1.948	1.999	1.912	1.947
#2	2.032	1.988	1.934	2.004	1.943	2.008	1.924	1.944
#3	2.021	1.988	1.938	1.997	1.947	1.998	1.908	1.947

Zoom In Zoom Out

Sample Name: mp37424-b1 Acquired: 1/16/2023 15:53:43 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7092.9**	**106610.**	**13735.**	**2910.0**
Stddev	19.5	355.	54.	11.2
%RSD	.27460	.33324	.39605	.38364
#1	7100.2	106330.	13723.	2913.0
#2	7070.8	107010.	13795.	2897.7
#3	7107.6	106490.	13688.	2919.4

Zoom In Zoom Out

Sample Name: mp37424-s1 Acquired: 1/16/2023 15:58:32 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2475**	**25.49**	**2.033**	**2.029**	**1.926**	**1.958**	**.2966**	**41.01**	**1.965**
Stddev	.0000	.04	.004	.005	.001	.002	.0018	.05	.003
%RSD	.0133	.1707	.1790	.2686	.0591	.1157	.5957	.1191	.1302
#1	.2475	25.51	2.037	2.035	1.925	1.956	.2972	41.02	1.967
#2	.2475	25.51	2.032	2.024	1.927	1.960	.2947	41.06	1.965
#3	.2475	25.44	2.030	2.027	1.927	1.958	.2981	40.96	1.962

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0032**	**1.971**	**1.921**	**1.922**	**25.29**	**26.56**	**.0004**	**27.85**	**1.964**
Stddev	.0035	.002	.006	.003	.03	.05	.0014	.11	.007
%RSD	111.1	.0981	.3335	.1472	.1314	.1808	364.6	.3794	.3442
#1	.0054	1.970	1.927	1.924	25.27	26.52	.0017	27.88	1.968
#2	-.0009	1.969	1.914	1.919	25.33	26.62	.0004	27.93	1.957
#3	.0050	1.973	1.923	1.923	25.28	26.55	-.0010	27.73	1.968

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.016**	**34.01**	**1.982**	**2.254**	**1.988**	**1.129**	**1.989**	**1.953**	**2.685**
Stddev	.002	.02	.002	.002	.002	.004	.005	.005	.004
%RSD	.1035	.0603	.0992	.0763	.0929	.3188	.2458	.2808	.1367
#1	2.017	34.00	1.985	2.255	1.989	1.126	1.992	1.957	2.689
#2	2.017	34.04	1.982	2.252	1.990	1.130	1.983	1.955	2.681
#3	2.013	34.01	1.981	2.255	1.986	1.133	1.991	1.947	2.684

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.010**	**2.061**	**1.921**	**1.989**	**1.928**	**1.997**	**1.901**	**1.922**
Stddev	.005	.001	.005	.004	.005	.006	.001	.004
%RSD	.2286	.0351	.2839	.2204	.2677	.2985	.0668	.2318
#1	2.012	2.060	1.925	1.984	1.931	2.002	1.900	1.924
#2	2.013	2.061	1.915	1.991	1.922	1.998	1.902	1.917
#3	2.004	2.061	1.923	1.993	1.931	1.990	1.899	1.926

Zoom In Zoom Out

Sample Name: mp37424-s1 Acquired: 1/16/2023 15:58:32 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7080.3**	**106930.**	**13745.**	**2908.9**
Stddev	9.3	483.	95.	6.8
%RSD	.13149	.45210	.68792	.23346
#1	7070.7	106820.	13675.	2902.9
#2	7080.9	107460.	13707.	2907.5
#3	7089.3	106510.	13853.	2916.3

Zoom In Zoom Out

Sample Name: mp37424-s2 Acquired: 1/16/2023 16:03:22 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2503**	**25.81**	**2.053**	**2.055**	**1.955**	**1.987**	**.3020**	**41.45**	**1.997**
Stddev	.0006	.02	.003	.004	.003	.001	.0012	.04	.001
%RSD	.2391	.0894	.1642	.1850	.1752	.0496	.3901	.0916	.0716
#1	.2509	25.80	2.055	2.051	1.954	1.986	.3033	41.44	1.996
#2	.2497	25.80	2.054	2.059	1.953	1.987	.3015	41.43	1.999
#3	.2504	25.84	2.049	2.056	1.959	1.988	.3011	41.50	1.996

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0042**	**2.005**	**1.954**	**1.950**	**25.60**	**26.91**	**.0021**	**28.16**	**1.999**
Stddev	.0034	.004	.003	.006	.03	.08	.0015	.01	.003
%RSD	82.36	.1765	.1332	.3184	.1207	.3140	70.86	.0470	.1322
#1	.0049	2.001	1.954	1.955	25.57	26.86	.0038	28.14	2.001
#2	.0072	2.008	1.951	1.943	25.61	26.86	.0010	28.16	1.996
#3	.0004	2.006	1.957	1.952	25.63	27.01	.0015	28.16	2.000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.037**	**34.32**	**2.009**	**2.288**	**2.016**	**1.135**	**2.007**	**1.982**	**2.697**
Stddev	.001	.03	.001	.001	.001	.002	.002	.004	.002
%RSD	.0580	.0860	.0500	.0531	.0333	.1836	.1034	.1764	.0636
#1	2.036	34.29	2.010	2.289	2.017	1.137	2.009	1.986	2.699
#2	2.038	34.33	2.009	2.289	2.016	1.133	2.009	1.981	2.697
#3	2.038	34.34	2.008	2.287	2.016	1.135	2.005	1.979	2.695

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.031**	**2.089**	**1.947**	**2.030**	**1.963**	**2.025**	**1.935**	**1.955**
Stddev	.003	.002	.003	.002	.003	.004	.002	.003
%RSD	.1453	.0769	.1427	.0985	.1723	.1819	.1166	.1502
#1	2.029	2.088	1.949	2.030	1.964	2.026	1.933	1.957
#2	2.034	2.089	1.944	2.029	1.959	2.028	1.934	1.952
#3	2.030	2.091	1.949	2.033	1.965	2.021	1.937	1.956

Zoom In Zoom Out

Sample Name: mp37424-s2 Acquired: 1/16/2023 16:03:22 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7062.4**	**106760.**	**13785.**	**2903.1**
Stddev	4.1	166.	31.	.4
%RSD	.05807	.15537	.22466	.01357
#1	7058.1	106900.	13784.	2903.5
#2	7062.7	106580.	13754.	2902.7
#3	7066.3	106810.	13816.	2903.1

Zoom In Zoom Out

Sample Name: jd58618-3 Acquired: 1/16/2023 16:08:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0101**	**.0055**	**.0441**	**.0022**	**-.0000**	**.0003**	**16.08**	**.0001**
Stddev	.0003	.0140	.0012	.0012	.0002	.0000	.0016	.06	.0000
%RSD	41.14	138.0	22.22	2.684	9.646	264.6	508.6	.4011	15.37
#1	-.0010	.0052	.0059	.0440	.0021	-.0000	.0013	16.15	.0002
#2	-.0006	-.0007	.0065	.0453	.0024	-.0000	.0012	16.07	.0001
#3	-.0004	.0259	.0041	.0429	.0020	.0000	-.0015	16.02	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**-.0001**	**.0000**	**.0023**	**.1785**	**1.180**	**-.0008**	**2.888**	**.0024**
Stddev	.0031	.0001	.0003	.0001	.0023	.024	.0009	.029	.0000
%RSD	138.2	115.5	15140.	6.224	1.269	2.031	118.9	.9965	1.483
#1	.0029	-.0000	.0003	.0023	.1792	1.153	-.0010	2.921	.0024
#2	.0050	-.0001	-.0003	.0024	.1803	1.195	.0002	2.872	.0023
#3	-.0011	-.0003	-.0000	.0021	.1760	1.193	-.0015	2.870	.0024

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**8.153**	**.0000**	**.2824**	**.0015**	**1.093**	**.0012**	**-.0006**	**2.606**
Stddev	.0002	.022	.0003	.0011	.0002	.006	.0010	.0008	.005
%RSD	17.58	.2692	739.6	.3822	13.01	.5620	87.24	136.7	.2106
#1	.0010	8.170	.0003	.2831	.0014	1.100	.0011	-.0011	2.612
#2	.0007	8.159	-.0003	.2811	.0017	1.088	.0023	-.0009	2.602
#3	.0010	8.128	.0001	.2829	.0014	1.090	.0002	.0003	2.605

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0801**	**.0003**	**.0001**	**.0013**	**.0009**	**.0014**	**-.0012**
Stddev	.0008	.0003	.0001	.0015	.0002	.0022	.0001	.0001
%RSD	74.97	.3751	40.55	1773.	18.06	234.0	8.798	7.162
#1	-.0017	.0805	.0004	-.0016	.0013	.0032	.0015	-.0012
#2	-.0012	.0800	.0002	.0009	.0015	-.0012	.0012	-.0011
#3	-.0002	.0800	.0004	.0010	.0011	.0009	.0014	-.0011

Zoom In Zoom Out

Sample Name: jd58618-3 Acquired: 1/16/2023 16:08:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7209.5**	**108240.**	**13759.**	**2945.9**
Stddev	13.4	273.	62.	5.4
%RSD	.18561	.25193	.44781	.18377
#1	7196.2	108100.	13688.	2939.7
#2	7209.5	108550.	13793.	2948.5
#3	7223.0	108070.	13797.	2949.5

Zoom In Zoom Out

Sample Name: mp37424-sd1 Acquired: 1/16/2023 16:13:20 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0034**	**-.0155**	**.0060**	**.0576**	**.0035**	**.0000**	**-.0060**	**15.96**	**-.0007**
Stddev	.0010	.0432	.0043	.0020	.0012	.0001	.0053	.03	.0021
%RSD	28.25	278.3	70.37	3.519	35.06	726.4	87.74	.1655	314.6
#1	-.0029	-.0602	.0012	.0571	.0049	-.0000	-.0120	15.99	-.0021
#2	-.0045	-.0122	.0078	.0599	.0027	-.0001	-.0022	15.93	-.0017
#3	-.0028	.0259	.0091	.0559	.0029	.0002	-.0038	15.95	.0017

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**-.0009**	**-.0015**	**.0018**	**.1742**	**1.196**	**-.0016**	**2.781**	**.0027**
Stddev	.0200	.0014	.0011	.0011	.0020	.108	.0066	.049	.0001
%RSD	3281.	156.0	74.52	63.26	1.164	8.994	415.9	1.778	4.876
#1	.0170	.0002	-.0003	.0012	.1719	1.242	.0009	2.832	.0027
#2	-.0216	-.0025	-.0025	.0011	.1757	1.073	-.0090	2.780	.0029
#3	.0065	-.0004	-.0016	.0031	.1750	1.273	.0034	2.733	.0026

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018**	**8.169**	**-.0001**	**.2576**	**.0084**	**1.089**	**.0077**	**.0048**	**2.610**
Stddev	.0014	.009	.0002	.0051	.0013	.019	.0055	.0105	.007
%RSD	77.67	.1104	323.0	1.983	15.93	1.728	71.63	220.9	.2571
#1	.0034	8.162	.0001	.2546	.0071	1.094	.0096	.0133	2.604
#2	.0009	8.179	.0000	.2546	.0098	1.105	.0120	-.0070	2.617
#3	.0010	8.165	-.0003	.2635	.0084	1.068	.0015	.0080	2.611

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027**	**.0799**	**.0003**	**.0060**	**.0015**	**.0072**	**.0041**	**-.0018**
Stddev	.0037	.0007	.0009	.0113	.0014	.0068	.0003	.0009
%RSD	134.1	.9103	254.1	188.9	97.11	94.89	6.846	49.11
#1	-.0003	.0797	.0012	.0182	.0022	-.0006	.0043	-.0016
#2	.0017	.0808	-.0005	-.0040	-.0002	.0099	.0038	-.0010
#3	.0069	.0794	.0004	.0037	.0023	.0123	.0042	-.0028

Zoom In Zoom Out

Sample Name: mp37424-sd1 Acquired: 1/16/2023 16:13:20 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7263.3**	**108850.**	**13646.**	**2948.6**
Stddev	10.4	64.	98.	5.1
%RSD	.14348	.05885	.71773	.17309
#1	7261.5	108790.	13631.	2949.9
#2	7253.8	108830.	13750.	2942.9
#3	7274.5	108920.	13556.	2952.9

Zoom In Zoom Out

Sample Name: jd58277-4 Acquired: 1/16/2023 16:18:30 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0069**	**-.0012**	**.0066**	**.0027**	**-.0000**	**-.0012**	**.1593**	**.0000**
Stddev	.0001	.0093	.0014	.0003	.0002	.0001	.0012	.0042	.0002
%RSD	24.41	134.9	113.4	4.200	6.696	162.6	97.93	2.652	2026.
#1	-.0004	-.0016	-.0006	.0068	.0026	.0000	-.0016	.1602	.0001
#2	-.0006	.0169	-.0003	.0063	.0025	-.0001	.0001	.1548	.0002
#3	-.0006	.0055	-.0028	.0066	.0028	-.0001	-.0022	.1631	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050**	**.0000**	**-.0003**	**.0001**	**.0050**	**-.0051**	**-.0000**	**.0014**	**.0005**
Stddev	.0015	.0004	.0003	.0002	.0019	.0074	.0002	.0124	.0000
%RSD	29.80	1530.	93.04	388.1	38.98	144.7	1338.	866.5	5.913
#1	.0063	-.0001	-.0003	-.0002	.0028	.0007	.0002	.0121	.0006
#2	.0054	.0005	-.0000	.0002	.0056	-.0026	-.0001	-.0122	.0005
#3	.0034	-.0003	-.0005	.0001	.0065	-.0134	-.0001	.0044	.0005

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.2790**	**.0006**	**-.0013**	**.0008**	**.0081**	**.0010**	**.0025**	**.4273**
Stddev	.0003	.0111	.0002	.0009	.0009	.0028	.0010	.0001	.0012
%RSD	83.26	3.971	40.62	71.77	111.0	34.09	101.4	5.092	.2843
#1	.0000	.2836	.0003	-.0008	.0017	.0095	-.0001	.0027	.4286
#2	.0004	.2871	.0008	-.0006	.0009	.0100	.0012	.0025	.4270
#3	.0006	.2664	.0006	-.0023	-.0001	.0049	.0019	.0024	.4263

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0036**	**.0004**	**-.0009**	**-.0000**	**.0023**	**.0136**	**-.0001**
Stddev	.0005	.0000	.0003	.0006	.0002	.0004	.0002	.0002
%RSD	179.4	1.018	60.01	65.97	838.6	18.48	1.172	176.9
#1	-.0003	.0037	.0003	-.0012	.0002	.0019	.0137	.0000
#2	.0006	.0036	.0003	-.0002	-.0001	.0023	.0137	-.0003
#3	.0006	.0036	.0007	-.0012	-.0002	.0028	.0134	-.0000

Zoom In Zoom Out

Sample Name: jd58277-4 Acquired: 1/16/2023 16:18:30 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7251.0**	**108790.**	**13683.**	**2945.6**
Stddev	17.3	41.	154.	6.5
%RSD	.23864	.03735	1.1277	.21953
#1	7235.3	108750.	13798.	2939.1
#2	7248.0	108800.	13743.	2945.5
#3	7269.6	108830.	13507.	2952.0

Zoom In Zoom Out

Sample Name: jd58482-12 Acquired: 1/16/2023 16:23:41 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0419**	**.0932**	**1.039**	**.0660**	**.0001**	**.0019**	**135.7**	**.0002**
Stddev	.0002	.0106	.0010	.001	.0003	.0001	.0008	.1	.0004
%RSD	366.1	25.41	1.116	.1267	.5189	79.40	41.15	.0649	232.9
#1	.0003	.0352	.0936	1.041	.0660	.0000	.0026	135.6	.0000
#2	-.0001	.0363	.0941	1.039	.0657	.0001	.0011	135.6	-.0001
#3	-.0000	.0542	.0921	1.038	.0663	.0001	.0022	135.8	.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0055**	**-.0003**	**.0028**	**.0020**	**.7367**	**46.75**	**.0539**	**127.7**	**.1796**
Stddev	.0019	.0003	.0003	.0004	.0047	.09	.0015	.2	.0003
%RSD	34.58	75.66	12.49	18.19	.6390	.2014	2.698	.1382	.1461
#1	.0051	-.0001	.0028	.0023	.7322	46.72	.0530	127.9	.1795
#2	.0076	-.0006	.0031	.0016	.7416	46.67	.0533	127.6	.1795
#3	.0039	-.0003	.0024	.0022	.7362	46.86	.0556	127.6	.1799

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	F **1086.**	**.0040**	**3.273**	**.0022**	**24.86**	**.0018**	**-.0016**	**11.31**
Stddev	.0004	16.	.0006	.008	.0016	.07	.0020	.0028	.03
%RSD	23.21	1.479	13.65	.2559	75.28	.2942	110.5	172.0	.2557
#1	.0020	1093.	.0046	3.282	.0010	24.94	.0003	-.0046	11.34
#2	.0016	1097.	.0041	3.269	.0040	24.84	.0010	.0010	11.30
#3	.0013	1067.	.0035	3.267	.0015	24.79	.0040	-.0014	11.29

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0033**	**1.191**	**.0021**	**.0028**	**.0023**	**.0060**	**.0236**	**-.0059**
Stddev	.0010	.003	.0002	.0013	.0003	.0010	.0001	.0001
%RSD	31.02	.2112	9.038	47.51	15.11	16.16	.5546	2.165
#1	-.0022	1.193	.0020	.0043	.0019	.0060	.0238	-.0059
#2	-.0035	1.188	.0023	.0017	.0026	.0070	.0235	-.0058
#3	-.0042	1.191	.0021	.0025	.0022	.0050	.0236	-.0060

Zoom In Zoom Out

Sample Name: jd58482-12 Acquired: 1/16/2023 16:23:41 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6283.6**	**98513.**	**13322.**	**2664.6**
Stddev	8.3	256.	39.	2.5
%RSD	.13219	.26012	.29227	.09489
#1	6274.0	98808.	13332.	2661.8
#2	6289.1	98382.	13279.	2666.8
#3	6287.5	98348.	13355.	2665.3

Zoom In Zoom Out

Sample Name: jd58482-13 Acquired: 1/16/2023 16:28:56 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0218**	**.0048**	**.3104**	**.4183**	**.0001**	**.0003**	**132.8**
Stddev	.0004	.0097	.0015	.0003	.0003	.0001	.0020	.2
%RSD	123.0	44.27	30.51	.1117	.0790	89.86	607.5	.1862
#1	-.0006	.0328	.0064	.3102	.4187	.0002	-.0020	132.8
#2	-.0007	.0185	.0036	.3108	.4183	.0001	.0013	132.5
#3	.0001	.0143	.0045	.3101	.4180	.0000	.0017	133.0

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0113**	**.0001**	**.0006**	**.0020**	**24.76**	**17.60**	**.0375**
Stddev	.0004	.0028	.0003	.0003	.0003	.03	.01	.0007
%RSD	180.2	25.20	273.4	44.77	15.22	.1287	.0326	1.755
#1	-.0002	.0099	.0004	.0009	.0017	24.78	17.61	.0368
#2	.0004	.0095	-.0000	.0007	.0020	24.72	17.60	.0376
#3	.0005	.0146	-.0001	.0003	.0023	24.78	17.60	.0381

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**40.33**	**2.178**	**.0003**	F **512.5**	**.0004**	**.9878**	**.0038**	**1.293**
Stddev	.11	.004	.0003	7.4	.0006	.0037	.0007	.004
%RSD	.2634	.1986	107.9	1.443	131.5	.3793	17.46	.3485
#1	40.41	2.183	-.0000	519.0	.0011	.9903	.0041	1.292
#2	40.21	2.178	.0003	514.1	.0003	.9835	.0031	1.298
#3	40.37	2.174	.0006	504.5	-.0000	.9897	.0043	1.289

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0026**	**15.71**	**-.0033**	**.7941**	**.0000**	**.0024**	**.0011**
Stddev	.0012	.0014	.03	.0004	.0007	.0004	.0016	.0003
%RSD	615.5	54.80	.2145	12.35	.0892	1481.	67.35	27.10
#1	-.0001	-.0041	15.75	-.0037	.7948	-.0001	.0007	.0013
#2	.0009	-.0012	15.71	-.0029	.7942	-.0003	.0024	.0013
#3	-.0014	-.0025	15.68	-.0032	.7934	.0005	.0039	.0008

Zoom In Zoom Out

Sample Name: jd58482-13 Acquired: 1/16/2023 16:28:56 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0015**	**.0015**	F **-.0104**
Stddev	.0018	.0002	.0001
%RSD	121.0	14.48	1.007
#1	.0018	.0016	-.0102
#2	.0032	.0012	-.0104
#3	-.0004	.0016	-.0104

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6620.3**	**102490.**	**13431.**	**2778.9**
Stddev	2.7	302.	68.	4.1
%RSD	.04067	.29436	.50290	.14816
#1	6617.2	102290.	13397.	2774.9
#2	6622.0	102340.	13509.	2783.1
#3	6621.8	102840.	13388.	2778.7

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 16:34:11 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2595**	**39.74**	**2.107**	**2.076**	**1.998**	**2.018**	**2.055**	**39.02**	**2.043**
Stddev	.0003	.07	.007	.002	.005	.005	.002	.09	.004
%RSD	.1327	.1844	.3170	.1165	.2460	.2671	.1005	.2332	.1786
#1	.2591	39.81	2.099	2.073	2.001	2.020	2.052	39.08	2.039
#2	.2598	39.66	2.108	2.077	1.993	2.011	2.056	38.92	2.046
#3	.2596	39.75	2.113	2.078	2.002	2.021	2.056	39.07	2.045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.049**	**2.046**	**2.013**	**1.999**	**38.99**	**39.73**	**2.030**	**39.09**	**2.054**
Stddev	.004	.002	.008	.005	.08	.03	.003	.10	.009
%RSD	.1872	.0736	.3819	.2758	.1984	.0652	.1627	.2640	.4199
#1	2.047	2.044	2.006	1.996	39.02	39.76	2.033	39.21	2.045
#2	2.053	2.047	2.021	2.006	38.91	39.71	2.027	39.00	2.063
#3	2.047	2.047	2.012	1.996	39.05	39.73	2.032	39.06	2.053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.130**	**40.28**	**2.060**	**2.059**	**2.070**	**2.082**	**2.102**	**2.049**	**5.078**
Stddev	.004	.10	.001	.003	.002	.004	.005	.006	.009
%RSD	.2120	.2411	.0565	.1598	.1084	.2114	.2312	.2882	.1713
#1	2.126	40.35	2.060	2.055	2.067	2.077	2.097	2.052	5.068
#2	2.129	40.17	2.059	2.061	2.070	2.082	2.103	2.042	5.084
#3	2.135	40.33	2.062	2.061	2.072	2.086	2.107	2.052	5.083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 16:34:11 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.127**	**2.055**	**2.070**	**2.067**	**2.012**	**2.131**	**1.990**	**2.059**
Stddev	.003	.004	.007	.001	.008	.004	.003	.008
%RSD	.1465	.1990	.3351	.0335	.3969	.1668	.1701	.3727
#1	2.125	2.057	2.064	2.067	2.004	2.127	1.988	2.053
#2	2.126	2.050	2.078	2.067	2.020	2.134	1.990	2.067
#3	2.131	2.057	2.068	2.066	2.013	2.133	1.994	2.056
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7006.3**	**105290.**	**13538.**	**2888.1**
Stddev	6.8	721.	43.	3.8
%RSD	.09741	.68494	.32093	.12997
#1	7007.8	106080.	13489.	2892.2
#2	6998.9	104660.	13557.	2884.9
#3	7012.3	105130.	13569.	2887.2

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 16:39:02 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**-.0040**	**-.0007**	**.0044**	**.0002**	**-.0000**	**-.0015**	**.0100**	**.0001**
Stddev	.0004	.0090	.0001	.0012	.0001	.0000	.0016	.0012	.0002
%RSD	52.22	226.8	19.50	26.58	56.25	199.6	103.7	11.60	144.6
#1	-.0014	.0062	-.0006	.0055	.0003	.0000	-.0017	.0090	.0000
#2	-.0006	-.0069	-.0007	.0047	.0001	-.0001	-.0029	.0099	.0000
#3	-.0006	-.0112	-.0009	.0031	.0003	.0000	.0001	.0113	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0001**	**-.0001**	**-.0000**	**.0010**	**.0589**	**.0020**	**-.0157**	**-.0000**
Stddev	.0006	.0003	.0003	.0004	.0010	.0203	.0013	.0084	.0000
%RSD	110.3	564.2	470.5	1243.	96.95	34.42	65.36	53.56	29.67
#1	.0009	-.0003	-.0004	.0000	.0013	.0375	.0034	-.0254	-.0000
#2	-.0002	.0003	.0003	-.0005	.0019	.0614	.0009	-.0116	-.0000
#3	.0010	.0002	-.0001	.0004	-.0001	.0778	.0016	-.0102	-.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.1406**	**.0001**	**-.0044**	**.0005**	**.0013**	**.0019**	**.0003**	**.0033**
Stddev	.0002	.0110	.0002	.0012	.0021	.0018	.0021	.0015	.0008
%RSD	79.49	7.830	184.4	26.01	401.6	139.0	112.1	548.9	23.92
#1	.0006	.1509	-.0001	-.0047	.0026	-.0001	.0014	-.0008	.0030
#2	.0003	.1419	.0003	-.0054	-.0015	.0006	.0042	.0019	.0041
#3	.0001	.1290	.0000	-.0032	.0005	.0034	.0001	-.0003	.0027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 16:39:02 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0000**	**.0002**	**.0002**	**-.0000**	**.0007**	**.0004**	**.0002**
Stddev	.0004	.0001	.0003	.0011	.0001	.0021	.0000	.0002
%RSD	66.44	3135.	175.1	579.4	428.4	298.0	7.321	83.77
#1	.0002	.0001	.0003	.0013	.0000	-.0016	.0004	.0003
#2	.0010	-.0001	-.0002	-.0009	.0001	.0024	.0004	.0003
#3	.0007	.0000	.0003	.0001	-.0002	.0013	.0004	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7257.0**	**108450.**	**13523.**	**2948.7**
Stddev	6.7	89.	28.	.8
%RSD	.09210	.08161	.20657	.02551
#1	7250.2	108400.	13496.	2947.8
#2	7257.1	108550.	13552.	2948.9
#3	7263.6	108400.	13521.	2949.3

Zoom In Zoom Out

Sample Name: jd58482-14 Acquired: 1/16/2023 16:44:17 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.1776**	**.0099**	**.9379**	**.1902**	**.0001**	**.0033**	F **235.7**	**.0003**
Stddev	.0002	.0048	.0007	.0009	.0009	.0001	.0011	1.1	.0000
%RSD	79.78	2.725	7.363	.0975	.4964	56.05	32.59	.4742	5.572
#1	-.0001	.1737	.0104	.9370	.1913	.0000	.0045	237.0	.0003
#2	-.0004	.1830	.0091	.9388	.1896	.0001	.0027	234.8	.0004
#3	-.0001	.1762	.0103	.9380	.1896	.0001	.0026	235.4	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0069**	**.0001**	**.0025**	**.0053**	**5.205**	**71.05**	**.0590**	**199.3**	**1.016**
Stddev	.0034	.0003	.0004	.0001	.020	.34	.0033	1.0	.001
%RSD	48.72	240.3	15.85	2.063	.3845	.4793	5.665	.4813	.0646
#1	.0105	-.0002	.0021	.0052	5.228	71.43	.0625	200.3	1.017
#2	.0063	.0004	.0026	.0052	5.194	70.78	.0588	198.4	1.017
#3	.0039	.0003	.0029	.0054	5.194	70.93	.0558	199.2	1.016

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048**	F **1542.**	**.0041**	**2.657**	**.0076**	F **145.7**	**.0050**	**.0057**	**10.95**
Stddev	.0001	30.	.0001	.004	.0006	.1	.0023	.0019	.02
%RSD	2.482	1.946	1.511	.1492	8.246	.0948	45.85	32.86	.1377
#1	.0049	1572.	.0041	2.653	.0071	145.8	.0066	.0079	10.96
#2	.0047	1543.	.0041	2.659	.0083	145.7	.0024	.0048	10.94
#3	.0049	1512.	.0042	2.660	.0074	145.6	.0059	.0045	10.94

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0027**	**1.955**	**.0057**	**.0030**	**.0020**	**.0071**	**.0099**	**-.0061**
Stddev	.0010	.009	.0002	.0007	.0001	.0016	.0002	.0001
%RSD	36.31	.4872	3.860	22.23	4.622	22.50	1.758	2.363
#1	-.0036	1.965	.0055	.0037	.0021	.0090	.0099	-.0062
#2	-.0029	1.946	.0059	.0030	.0019	.0064	.0101	-.0059
#3	-.0017	1.953	.0055	.0024	.0020	.0060	.0098	-.0062

Zoom In Zoom Out

Sample Name: jd58482-14 Acquired: 1/16/2023 16:44:17 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6100.3**	**96816.**	**13039.**	**2592.8**
Stddev	7.4	66.	68.	2.1
%RSD	.12092	.06819	.52501	.08195
#1	6096.4	96821.	12968.	2593.8
#2	6095.8	96880.	13105.	2590.3
#3	6108.8	96748.	13044.	2594.2

Zoom In Zoom Out

Sample Name: jd58482-15 Acquired: 1/16/2023 16:49:29 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.2267**	**.0254**	**.2340**	**1.180**	**.0002**	**.0012**	F **242.4**	**.0003**
Stddev	.0003	.0060	.0024	.0022	.000	.0001	.0006	1.9	.0002
%RSD	31.65	2.653	9.551	.9202	.0313	40.12	50.96	.7637	53.84
#1	-.0006	.2279	.0227	.2364	1.180	.0002	.0007	243.3	.0005
#2	-.0012	.2321	.0274	.2336	1.180	.0001	.0019	243.5	.0004
#3	-.0011	.2202	.0262	.2322	1.180	.0002	.0011	240.2	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0214**	**.0028**	**.0011**	**.0039**	**59.20**	**55.12**	**.0625**	**76.63**	**1.838**
Stddev	.0042	.0003	.0003	.0002	.04	.05	.0014	.14	.004
%RSD	19.76	11.03	25.83	6.179	.0719	.0905	2.229	.1789	.2152
#1	.0233	.0031	.0013	.0036	59.20	55.11	.0640	76.56	1.835
#2	.0244	.0027	.0008	.0040	59.24	55.17	.0622	76.79	1.842
#3	.0166	.0025	.0012	.0041	59.16	55.08	.0613	76.55	1.838

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	F **880.8**	**.0012**	**.3278**	**.0047**	**1.582**	**.0039**	**-.0008**	**12.94**
Stddev	.0002	12.1	.0005	.0021	.0004	.013	.0015	.0008	.09
%RSD	42.22	1.370	44.72	.6533	7.890	.8162	38.09	97.03	.7140
#1	.0008	893.8	.0017	.3301	.0044	1.596	.0056	-.0010	13.05
#2	.0004	869.9	.0013	.3276	.0051	1.580	.0036	-.0015	12.91
#3	.0004	878.8	.0006	.3259	.0046	1.570	.0027	.0001	12.88

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0046**	**2.355**	**.0091**	**.0012**	**.0014**	**.0021**	**.0128**	**-.0099**
Stddev	.0012	.001	.0003	.0011	.0002	.0008	.0002	.0002
%RSD	25.54	.0552	3.358	89.29	16.24	36.38	1.813	2.086
#1	-.0052	2.355	.0092	.0001	.0011	.0030	.0131	-.0101
#2	-.0033	2.357	.0087	.0023	.0015	.0017	.0128	-.0098
#3	-.0054	2.354	.0093	.0012	.0014	.0016	.0126	-.0097

Zoom In Zoom Out

Sample Name: jd58482-15 Acquired: 1/16/2023 16:49:29 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6371.7**	**99695.**	**13344.**	**2685.4**
Stddev	24.7	289.	10.	12.0
%RSD	.38710	.28973	.07278	.44543
#1	6343.2	99978.	13354.	2671.6
#2	6385.8	99401.	13335.	2692.2
#3	6386.1	99707.	13342.	2692.4

Zoom In Zoom Out

Sample Name: jd58586-2 Acquired: 1/16/2023 16:54:46 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0061**	**-.0006**	**.0032**	**.0001**	**-.0000**	**-.0008**	**.0030**	**.0000**
Stddev	.0001	.0080	.0020	.0011	.0002	.0001	.0001	.0026	.0001
%RSD	14.50	130.4	305.2	33.70	169.6	2344.	17.96	87.55	201.8
#1	-.0004	.0149	-.0023	.0024	-.0001	.0000	-.0007	.0001	.0001
#2	-.0004	.0043	-.0012	.0044	.0001	.0000	-.0007	.0054	-.0001
#3	-.0005	-.0008	.0015	.0027	.0003	-.0001	-.0009	.0036	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**.0001**	**-.0003**	**.0003**	**.0082**	**.1114**	**.0028**	**-.0114**	**.0002**
Stddev	.0027	.0002	.0002	.0001	.0002	.0247	.0019	.0118	.0000
%RSD	171.1	199.3	65.89	18.07	1.959	22.15	70.18	103.7	25.51
#1	.0000	.0002	-.0001	.0003	.0084	.0971	.0048	-.0222	.0002
#2	.0047	.0002	-.0005	.0004	.0080	.1399	.0010	.0013	.0001
#3	.0000	-.0001	-.0002	.0003	.0082	.0972	.0024	-.0133	.0002

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.3250**	**.0000**	**-.0047**	**-.0004**	**.0065**	**.0013**	**-.0006**	**.0209**
Stddev	.0003	.0341	.0001	.0009	.0009	.0014	.0018	.0028	.0005
%RSD	4686.	10.50	747.6	18.89	253.2	21.07	136.2	452.3	2.188
#1	.0000	.3579	.0001	-.0037	-.0014	.0074	.0005	.0025	.0206
#2	-.0003	.3273	-.0001	-.0051	.0003	.0072	.0001	-.0028	.0214
#3	.0002	.2898	.0001	-.0054	.0001	.0049	.0034	-.0016	.0207

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0000**	**.0005**	**-.0014**	**-.0000**	**-.0002**	**.0003**	**.0001**
Stddev	.0006	.0000	.0002	.0012	.0002	.0012	.0001	.0001
%RSD	189.4	135.7	32.50	86.33	1864.	581.6	45.95	225.6
#1	.0009	.0000	.0003	-.0012	-.0001	-.0007	.0001	.0002
#2	.0004	-.0000	.0006	-.0003	-.0002	-.0010	.0004	.0000
#3	-.0003	-.0001	.0006	-.0026	.0002	.0011	.0004	-.0001

Zoom In Zoom Out

Sample Name: jd58586-2 Acquired: 1/16/2023 16:54:46 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7274.9**	**108800.**	**13670.**	**2960.0**
Stddev	13.8	189.	30.	7.0
%RSD	.19024	.17368	.22003	.23769
#1	7284.2	108700.	13637.	2961.7
#2	7259.0	109020.	13695.	2952.3
#3	7281.5	108680.	13678.	2966.0

Zoom In Zoom Out

Sample Name: jd58586-4 Acquired: 1/16/2023 16:59:58 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.0663**	**.0017**	**.4202**	**.0744**	**.0000**	**.0009**	**119.7**	**.0001**
Stddev	.0001	.0038	.0006	.0012	.0001	.0000	.0012	.1	.0003
%RSD	156.7	5.786	35.58	.2965	.0845	58.32	135.3	.0971	320.1
#1	-.0001	.0678	.0020	.4209	.0744	.0001	.0007	119.7	.0004
#2	-.0000	.0693	.0022	.4188	.0745	.0001	.0021	119.6	.0000
#3	.0000	.0620	.0010	.4210	.0743	.0000	-.0002	119.8	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044**	**-.0000**	**.0082**	**.0034**	**.1285**	**66.20**	**.1194**	**29.77**	**.5376**
Stddev	.0006	.0002	.0004	.0002	.0046	.10	.0014	.07	.0019
%RSD	14.73	2694.	5.002	5.706	3.583	.1538	1.188	.2227	.3564
#1	.0044	.0001	.0078	.0032	.1237	66.16	.1184	29.70	.5354
#2	.0038	.0001	.0086	.0036	.1288	66.13	.1187	29.77	.5390
#3	.0051	-.0003	.0083	.0034	.1329	66.32	.1210	29.84	.5384

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0191**	**79.45**	**.0106**	**.0554**	**.0024**	**37.20**	**.0003**	**.0019**	**9.179**
Stddev	.0002	.08	.0005	.0016	.0013	.03	.0019	.0008	.013
%RSD	.9058	.1046	4.538	2.930	55.39	.0936	591.1	41.34	.1449
#1	.0191	79.47	.0104	.0552	.0037	37.22	.0009	.0026	9.188
#2	.0193	79.35	.0112	.0539	.0027	37.22	.0019	.0021	9.184
#3	.0190	79.52	.0103	.0571	.0010	37.16	-.0018	.0010	9.163

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0029**	**1.074**	**.0013**	**.0018**	**.0014**	**.0001**	**.0037**	**-.0054**
Stddev	.0003	.002	.0001	.0018	.0001	.0023	.0002	.0001
%RSD	11.41	.1818	8.990	98.00	7.686	1834.	4.527	1.230
#1	-.0026	1.076	.0012	.0036	.0015	-.0013	.0037	-.0053
#2	-.0032	1.072	.0014	.0018	.0015	.0028	.0035	-.0053
#3	-.0031	1.074	.0013	.0000	.0013	-.0011	.0038	-.0054

Zoom In Zoom Out

Sample Name: jd58586-4 Acquired: 1/16/2023 16:59:58 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6902.4**	**105560.**	**13482.**	**2851.3**
Stddev	8.4	360.	73.	3.3
%RSD	.12202	.34142	.53782	.11656
#1	6901.8	105970.	13541.	2848.6
#2	6894.3	105300.	13503.	2850.3
#3	6911.1	105420.	13401.	2855.0

Zoom In Zoom Out

Sample Name: jd58586-5 Acquired: 1/16/2023 17:05:04 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0214**	**.0021**	**.0188**	**.1428**	**.0000**	**.0001**	**72.73**	**.0000**
Stddev	.0002	.0214	.0012	.0004	.0003	.0000	.0012	.12	.0001
%RSD	26.91	99.81	56.61	1.965	.1929	69.26	1061.	.1583	174.1
#1	-.0010	.0458	.0032	.0189	.1431	.0000	-.0012	72.65	.0000
#2	-.0006	.0059	.0009	.0190	.1425	.0000	.0005	72.86	-.0000
#3	-.0008	.0126	.0022	.0184	.1427	.0000	.0011	72.67	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030**	**-.0010**	**.0016**	**.0007**	**.0146**	**1.024**	**.0019**	**12.28**	**.0014**
Stddev	.0009	.0001	.0003	.0001	.0003	.024	.0006	.04	.0000
%RSD	30.43	13.30	17.10	8.382	2.156	2.331	29.92	.3028	3.139
#1	.0038	-.0012	.0019	.0006	.0143	1.011	.0013	12.31	.0015
#2	.0032	-.0009	.0014	.0008	.0149	1.051	.0023	12.29	.0014
#3	.0020	-.0010	.0014	.0007	.0148	1.009	.0022	12.24	.0014

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**10.71**	**-.0002**	**.0295**	**.0015**	**10.25**	**-.0004**	**-.0022**	**9.556**
Stddev	.0001	.01	.0002	.0012	.0010	.02	.0009	.0020	.013
%RSD	824.2	.1062	108.2	4.084	69.71	.1798	235.2	91.89	.1397
#1	-.0001	10.70	.0000	.0283	.0004	10.24	.0005	-.0045	9.562
#2	-.0000	10.72	-.0003	.0295	.0017	10.24	-.0003	-.0008	9.540
#3	.0001	10.70	-.0004	.0307	.0024	10.27	-.0014	-.0013	9.565

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0027**	**.1290**	**.0006**	**.0002**	**.0023**	**.0016**	**.0007**	**-.0059**
Stddev	.0006	.0003	.0001	.0006	.0002	.0011	.0000	.0002
%RSD	22.52	.2172	20.95	301.3	6.857	66.24	2.576	3.444
#1	-.0029	.1288	.0006	.0009	.0021	.0028	.0007	-.0058
#2	-.0031	.1293	.0005	-.0003	.0024	.0008	.0006	-.0057
#3	-.0020	.1289	.0008	-.0000	.0022	.0012	.0007	-.0061

Zoom In Zoom Out

Sample Name: jd58586-5 Acquired: 1/16/2023 17:05:04 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7104.5**	**107120.**	**13458.**	**2900.9**
Stddev	4.0	399.	16.	3.6
%RSD	.05637	.37239	.11696	.12487
#1	7100.3	107160.	13470.	2896.9
#2	7105.1	107490.	13463.	2902.2
#3	7108.2	106700.	13440.	2903.8

Zoom In Zoom Out

Sample Name: jd58588-2 Acquired: 1/16/2023 17:10:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.2922**	**.0028**	**.1248**	**.4389**	**.0001**	**.0008**	**118.5**
Stddev	.0004	.0096	.0009	.0009	.0018	.0000	.0009	.4
%RSD	137.5	3.270	32.88	.7416	.4200	49.17	119.8	.3311
#1	-.0004	.2937	.0035	.1240	.4401	.0001	.0001	118.6
#2	.0001	.3010	.0017	.1245	.4398	.0001	.0018	118.8
#3	-.0007	.2820	.0031	.1258	.4368	.0000	.0004	118.1

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0166**	**.0022**	**.0068**	**.0026**	**3.575**	**5.816**	**.0019**
Stddev	.0003	.0010	.0006	.0004	.0002	.013	.021	.0005
%RSD	82.36	5.718	28.73	6.304	7.357	.3548	.3562	28.51
#1	.0006	.0169	.0015	.0065	.0027	3.587	5.803	.0026
#2	.0003	.0174	.0025	.0066	.0024	3.576	5.840	.0016
#3	.0000	.0156	.0025	.0073	.0027	3.562	5.805	.0016

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**32.72**	**5.405**	**.0001**	F **269.8**	**.0095**	**.1619**	**.0182**	**8.633**
Stddev	.07	.025	.0003	4.2	.0003	.0010	.0011	.041
%RSD	.2192	.4559	237.6	1.543	3.409	.6010	5.930	.4723
#1	32.73	5.379	.0001	266.0	.0096	.1630	.0194	8.587
#2	32.78	5.408	-.0001	269.0	.0092	.1610	.0172	8.648
#3	32.64	5.428	.0004	274.2	.0098	.1617	.0180	8.664

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0007**	**5.905**	**-.0041**	**.3015**	**.0065**	F **-.0036**	**.0042**
Stddev	.0004	.0022	.030	.0016	.0015	.0002	.0016	.0001
%RSD	173.9	289.9	.5115	38.29	.5113	2.577	44.24	2.625
#1	.0006	.0017	5.872	-.0026	.3022	.0067	-.0025	.0040
#2	.0002	-.0018	5.914	-.0057	.3026	.0066	-.0054	.0042
#3	-.0001	-.0021	5.930	-.0039	.2998	.0063	-.0028	.0043

Zoom In Zoom Out

Sample Name: jd58588-2 Acquired: 1/16/2023 17:10:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0001**	**.0507**	**-.0037**
Stddev	.0012	.0004	.0000
%RSD	867.7	.8202	.7144
#1	-.0009	.0502	-.0038
#2	.0014	.0510	-.0037
#3	-.0001	.0508	-.0037

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6777.5**	**104020.**	**13424.**	**2826.9**
Stddev	25.2	320.	25.	12.6
%RSD	.37189	.30758	.18624	.44529
#1	6805.9	104390.	13439.	2841.4
#2	6768.7	103860.	13438.	2820.9
#3	6757.9	103800.	13395.	2818.5

Zoom In Zoom Out

Sample Name: jd58615-1 Acquired: 1/16/2023 17:15:30 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0107**	**.0011**	**.1750**	**.0348**	**.0000**	**.0000**	**53.42**	**-.0002**
Stddev	.0005	.0061	.0005	.0010	.0002	.0001	.0006	.13	.0001
%RSD	99.00	56.96	45.26	.5899	.6730	365.7	2627.	.2405	28.28
#1	-.0010	.0084	.0017	.1738	.0347	.0000	.0003	53.50	-.0001
#2	-.0005	.0061	.0011	.1755	.0351	-.0001	-.0007	53.27	-.0002
#3	-.0000	.0177	.0007	.1757	.0346	.0001	.0005	53.49	-.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**.0015**	**.0015**	**.0016**	**1.313**	**15.02**	**.0155**	**10.89**	**.1377**
Stddev	.0015	.0005	.0006	.0000	.003	.04	.0007	.02	.0002
%RSD	44.94	31.74	42.66	.5990	.2369	.2497	4.473	.1757	.1499
#1	.0043	.0020	.0013	.0016	1.316	15.02	.0163	10.89	.1379
#2	.0016	.0016	.0009	.0016	1.310	14.99	.0151	10.87	.1378
#3	.0042	.0010	.0022	.0016	1.313	15.06	.0150	10.91	.1375

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0063**	F **211.9**	**.0149**	**.0538**	**-.0003**	F **130.6**	**.0026**	**.0038**	**2.862**
Stddev	.0001	.6	.0006	.0014	.0003	.2	.0011	.0033	.005
%RSD	1.997	.2936	3.835	2.514	107.2	.1353	42.45	85.52	.1684
#1	.0063	212.5	.0143	.0546	.0001	130.4	.0036	.0001	2.857
#2	.0063	211.3	.0154	.0522	-.0005	130.7	.0014	.0050	2.861
#3	.0065	212.0	.0151	.0545	-.0004	130.8	.0029	.0064	2.867

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0033**	**.3807**	**.0001**	**.0038**	**.0001**	**.0005**	**.0187**	**-.0018**
Stddev	.0010	.0013	.0003	.0008	.0001	.0008	.0001	.0002
%RSD	28.98	.3447	316.9	20.29	100.6	176.0	.4707	10.41
#1	-.0032	.3819	.0004	.0030	.0002	-.0003	.0188	-.0020
#2	-.0043	.3793	-.0001	.0041	.0001	.0013	.0186	-.0018
#3	-.0024	.3810	-.0001	.0044	.0000	.0004	.0187	-.0016

Zoom In Zoom Out

Sample Name: jd58615-1 Acquired: 1/16/2023 17:15:30 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6853.6**	**105530.**	**13476.**	**2844.7**
Stddev	21.1	64.	33.	8.2
%RSD	.30747	.06050	.24259	.28880
#1	6868.7	105570.	13504.	2850.9
#2	6862.7	105560.	13483.	2847.8
#3	6829.5	105460.	13440.	2835.4

Zoom In Zoom Out

Sample Name: jd58623-1 Acquired: 1/16/2023 17:20:36 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0055**	**-.0016**	**.0569**	**.0555**	**.0000**	**-.0012**	**24.72**	**.0003**
Stddev	.0001	.0095	.0020	.0019	.0003	.0001	.0002	.02	.0002
%RSD	59.33	172.8	128.1	3.275	.5825	109.1	19.93	.0902	58.23
#1	-.0003	.0017	-.0038	.0559	.0558	.0001	-.0011	24.74	.0004
#2	-.0001	.0164	.0003	.0590	.0555	-.0000	-.0010	24.70	.0003
#3	-.0003	-.0015	-.0012	.0557	.0552	.0001	-.0014	24.70	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**-.0003**	**.0001**	**.0009**	**.0305**	**2.685**	**.0011**	**3.256**	**.0192**
Stddev	.0027	.0003	.0003	.0001	.0004	.013	.0015	.043	.0000
%RSD	174.0	114.8	303.2	14.07	1.359	.4773	143.7	1.323	.2120
#1	.0041	-.0001	.0004	.0010	.0302	2.689	-.0007	3.299	.0192
#2	.0017	-.0001	-.0001	.0009	.0309	2.696	.0021	3.256	.0192
#3	-.0012	-.0007	-.0000	.0007	.0303	2.671	.0018	3.213	.0193

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**84.01**	**-.0002**	**.0177**	**.0009**	**3.921**	**.0022**	**.0008**	**4.693**
Stddev	.0002	.05	.0004	.0015	.0017	.002	.0008	.0014	.006
%RSD	182.6	.0575	174.5	8.551	195.3	.0542	35.41	173.5	.1196
#1	-.0001	84.00	-.0001	.0160	-.0001	3.922	.0016	.0001	4.690
#2	.0001	84.06	-.0007	.0184	-.0001	3.919	.0019	.0023	4.690
#3	.0004	83.97	.0001	.0188	.0029	3.923	.0031	-.0001	4.700

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0019**	**.1292**	**.0001**	**.0003**	**.0004**	**.0007**	**.0047**	**-.0028**
Stddev	.0007	.0002	.0001	.0012	.0000	.0008	.0000	.0001
%RSD	33.45	.1406	154.5	428.9	7.754	113.8	.9765	3.151
#1	-.0023	.1293	-.0000	-.0007	.0004	-.0001	.0047	-.0027
#2	-.0023	.1294	.0002	.0016	.0004	.0007	.0047	-.0027
#3	-.0012	.1290	.0001	-.0001	.0004	.0016	.0047	-.0029

Zoom In Zoom Out

Sample Name: jd58623-1 Acquired: 1/16/2023 17:20:36 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7067.4**	**106440.**	**13434.**	**2905.0**
Stddev	6.5	297.	21.	4.7
%RSD	.09209	.27879	.15557	.16301
#1	7074.8	106100.	13411.	2909.6
#2	7062.5	106600.	13452.	2900.2
#3	7064.8	106620.	13438.	2905.3

Zoom In Zoom Out

Sample Name: jd58623-2 Acquired: 1/16/2023 17:25:43 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.0031**	**.0010**	**.0573**	**.0548**	**.0000**	**-.0003**	**24.95**	**.0000**
Stddev	.0002	.0061	.0012	.0003	.0002	.0000	.0027	.01	.0001
%RSD	23.32	199.6	117.3	.5210	.3638	100.6	821.5	.0577	8264.
#1	-.0010	.0051	-.0003	.0570	.0549	.0000	.0028	24.94	.0001
#2	-.0009	-.0038	.0020	.0576	.0550	.0000	-.0021	24.97	-.0001
#3	-.0006	.0079	.0015	.0573	.0546	.0000	-.0016	24.95	.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0041**	**-.0005**	**.0002**	**.0025**	**.0269**	**2.663**	**-.0003**	**3.309**	**.0052**
Stddev	.0015	.0002	.0004	.0003	.0017	.043	.0005	.016	.0000
%RSD	36.12	41.27	241.1	13.47	6.221	1.614	171.0	.4815	.6641
#1	.0025	-.0005	.0006	.0022	.0263	2.683	.0002	3.305	.0052
#2	.0045	-.0007	.0001	.0025	.0255	2.693	-.0002	3.327	.0052
#3	.0055	-.0003	-.0002	.0029	.0287	2.614	-.0008	3.296	.0051

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**85.35**	**.0003**	**.0182**	**.0010**	**3.993**	**.0013**	**-.0012**	**4.755**
Stddev	.0003	.05	.0005	.0008	.0011	.005	.0015	.0033	.002
%RSD	903.1	.0642	146.4	4.379	114.8	.1344	112.0	282.4	.0479
#1	.0003	85.31	-.0002	.0173	.0017	3.989	.0030	-.0034	4.755
#2	-.0004	85.34	.0007	.0188	-.0003	3.999	.0006	-.0028	4.757
#3	-.0000	85.41	.0004	.0185	.0016	3.990	.0003	.0027	4.753

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0020**	**.1306**	**.0001**	**.0018**	**.0005**	**.0008**	**.0157**	**-.0028**
Stddev	.0002	.0001	.0003	.0009	.0001	.0005	.0001	.0002
%RSD	8.611	.0717	371.8	49.14	16.62	55.73	.4459	7.351
#1	-.0022	.1305	-.0001	.0027	.0004	.0012	.0157	-.0025
#2	-.0019	.1306	.0004	.0009	.0005	.0011	.0157	-.0029
#3	-.0018	.1306	-.0001	.0018	.0005	.0003	.0158	-.0029

Zoom In Zoom Out

Sample Name: jd58623-2 Acquired: 1/16/2023 17:25:43 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7064.2**	**107020.**	**13434.**	**2909.9**
Stddev	12.5	141.	49.	4.1
%RSD	.17723	.13141	.36368	.13937
#1	7061.8	107120.	13489.	2909.1
#2	7053.0	106860.	13397.	2906.2
#3	7077.7	107080.	13415.	2914.2

Zoom In Zoom Out

Sample Name: jd58623-3 Acquired: 1/16/2023 17:30:52 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0045**	**-.0005**	**.0587**	**.0436**	**.0000**	**-.0008**	**25.77**	**.0001**
Stddev	.0002	.0143	.0016	.0012	.0001	.0000	.0013	.04	.0000
%RSD	40.37	317.9	343.8	2.022	.2953	259.9	162.2	.1729	31.54
#1	-.0007	.0040	-.0016	.0590	.0437	.0001	-.0004	25.80	.0001
#2	-.0006	.0191	.0013	.0574	.0437	-.0000	.0002	25.72	.0001
#3	-.0003	-.0095	-.0010	.0598	.0435	-.0000	-.0023	25.80	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**-.0005**	**.0003**	**.0039**	**.0063**	**2.712**	**.0003**	**3.404**	**.0015**
Stddev	.0026	.0002	.0006	.0002	.0004	.030	.0004	.012	.0000
%RSD	281.8	28.08	170.3	5.011	6.000	1.109	138.8	.3418	1.574
#1	-.0004	-.0004	.0001	.0040	.0067	2.729	-.0001	3.404	.0015
#2	-.0007	-.0007	.0010	.0039	.0059	2.677	.0003	3.392	.0015
#3	.0039	-.0006	-.0001	.0036	.0063	2.729	.0007	3.415	.0015

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**86.32**	**.0029**	**.0180**	**.0023**	**4.002**	**.0019**	**-.0009**	**4.810**
Stddev	.0001	.16	.0003	.0010	.0013	.016	.0009	.0022	.013
%RSD	723.8	.1906	11.71	5.593	55.23	.3934	46.31	243.7	.2612
#1	.0001	86.40	.0029	.0191	.0038	3.991	.0021	-.0035	4.805
#2	-.0000	86.13	.0033	.0176	.0021	3.996	.0010	.0003	4.801
#3	-.0000	86.43	.0026	.0172	.0012	4.020	.0027	.0004	4.824

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0028**	**.1357**	**-.0001**	**.0011**	**.0006**	**.0001**	**.0204**	**-.0028**
Stddev	.0011	.0001	.0003	.0018	.0001	.0010	.0001	.0001
%RSD	41.48	.0833	403.9	167.7	26.45	1434.	.6282	3.879
#1	-.0027	.1356	.0000	.0029	.0007	.0000	.0202	-.0029
#2	-.0039	.1356	-.0004	-.0008	.0004	.0010	.0204	-.0027
#3	-.0016	.1358	.0002	.0012	.0005	-.0009	.0204	-.0028

Zoom In Zoom Out

Sample Name: jd58623-3 Acquired: 1/16/2023 17:30:52 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7081.1**	**106890.**	**13464.**	**2915.5**
Stddev	7.2	322.	121.	5.0
%RSD	.10216	.30079	.89556	.17065
#1	7075.4	106860.	13400.	2913.9
#2	7089.3	106580.	13603.	2921.0
#3	7078.7	107220.	13389.	2911.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 17:36:03 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2582**	**39.91**	**2.090**	**2.064**	**2.007**	**2.018**	**2.039**	**39.10**	**2.035**
Stddev	.0007	.14	.014	.015	.005	.006	.014	.10	.014
%RSD	.2732	.3480	.6780	.7006	.2412	.3141	.6692	.2539	.6826
#1	.2588	40.01	2.091	2.070	2.012	2.025	2.045	39.19	2.040
#2	.2574	39.75	2.075	2.048	2.002	2.012	2.023	39.00	2.019
#3	.2585	39.97	2.103	2.075	2.008	2.017	2.048	39.11	2.046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.029**	**2.042**	**2.010**	**1.987**	**38.85**	**40.16**	**2.041**	**39.18**	**2.052**
Stddev	.002	.014	.003	.003	.09	.10	.005	.13	.006
%RSD	.0958	.6866	.1706	.1424	.2281	.2402	.2449	.3261	.2804
#1	2.027	2.049	2.014	1.988	38.90	40.27	2.047	39.32	2.058
#2	2.031	2.026	2.008	1.984	38.74	40.09	2.039	39.07	2.050
#3	2.030	2.052	2.008	1.989	38.90	40.12	2.037	39.15	2.047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.114**	**40.57**	**2.047**	**2.043**	**2.057**	**2.062**	**2.086**	**2.030**	**5.026**
Stddev	.014	.09	.016	.012	.012	.014	.017	.016	.040
%RSD	.6655	.2325	.7714	.5976	.5956	.6605	.7902	.7699	.8048
#1	2.118	40.65	2.055	2.048	2.060	2.068	2.091	2.040	5.038
#2	2.098	40.46	2.029	2.029	2.043	2.046	2.068	2.012	4.980
#3	2.125	40.59	2.058	2.051	2.067	2.072	2.100	2.039	5.058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 17:36:03 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.113**	**2.063**	**2.065**	**2.062**	**2.007**	**2.118**	**1.979**	**2.047**
Stddev	.017	.006	.003	.015	.003	.012	.011	.001
%RSD	.7795	.3105	.1227	.7489	.1629	.5472	.5756	.0573
#1	2.121	2.069	2.067	2.063	2.011	2.124	1.984	2.048
#2	2.094	2.056	2.064	2.046	2.004	2.104	1.966	2.046
#3	2.124	2.063	2.062	2.077	2.006	2.125	1.988	2.047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7027.7**	**105070.**	**13267.**	**2904.7**
Stddev	28.6	651.	67.	9.9
%RSD	.40652	.61929	.50682	.34048
#1	7020.4	104430.	13221.	2902.5
#2	7059.2	105050.	13345.	2915.5
#3	7003.4	105730.	13236.	2896.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 17:40:54 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0050**	**-.0003**	**.0020**	**.0002**	**-.0000**	**-.0009**	**.0114**	**-.0000**
Stddev	.0002	.0137	.0010	.0002	.0002	.0001	.0020	.0016	.0004
%RSD	49.47	272.4	284.1	10.67	106.5	1632.	215.8	14.19	1283.
#1	-.0006	.0001	.0006	.0018	.0001	-.0001	-.0012	.0111	-.0004
#2	-.0002	-.0055	-.0013	.0022	.0000	.0001	-.0028	.0100	.0003
#3	-.0007	.0206	-.0003	.0021	.0003	-.0000	.0012	.0132	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031**	**.0001**	**-.0002**	**.0003**	**-.0007**	**.0418**	**.0003**	**-.0144**	**.0000**
Stddev	.0019	.0005	.0002	.0001	.0015	.0286	.0004	.0099	.0000
%RSD	62.28	409.6	125.7	43.14	200.7	68.26	128.4	68.59	186.3
#1	.0035	.0002	-.0004	.0004	-.0015	.0715	-.0001	-.0035	-.0000
#2	.0010	-.0004	.0000	.0003	-.0016	.0395	.0007	-.0169	.0000
#3	.0047	.0005	-.0001	.0001	.0010	.0146	.0004	-.0227	.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.1328**	**.0000**	**-.0041**	**.0010**	**-.0019**	**-.0003**	**.0008**	**.0039**
Stddev	.0002	.0072	.0002	.0001	.0011	.0026	.0012	.0007	.0006
%RSD	30.26	5.432	457.4	3.663	111.2	141.1	338.9	80.90	16.24
#1	.0007	.1411	.0002	-.0040	.0023	-.0007	.0009	.0003	.0038
#2	.0004	.1292	-.0002	-.0039	.0001	-.0049	-.0015	.0006	.0033
#3	.0006	.1280	.0001	-.0042	.0006	-.0000	-.0004	.0016	.0046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 17:40:54 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0001**	**.0004**	**-.0004**	**-.0002**	**.0013**	**.0003**	**.0001**
Stddev	.0006	.0001	.0002	.0009	.0001	.0010	.0001	.0001
%RSD	83.32	216.0	60.29	206.9	79.31	83.42	37.17	90.61
#1	.0010	-.0001	.0006	-.0002	-.0002	.0016	.0003	.0003
#2	.0000	.0000	.0002	-.0013	-.0003	.0001	.0004	.0000
#3	.0010	.0002	.0003	.0003	-.0000	.0021	.0002	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7271.8**	**108290.**	**13343.**	**2959.0**
Stddev	13.8	729.	6.	6.5
%RSD	.18915	.67301	.04573	.21992
#1	7266.3	107580.	13342.	2954.9
#2	7261.7	109040.	13338.	2955.5
#3	7287.5	108250.	13350.	2966.5

Zoom In Zoom Out

Sample Name: mp37276-mb1 Acquired: 1/16/2023 17:46:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**-.0115**	**.0005**	**.0016**	**-.0001**	**-.0001**	**-.0007**	**-.0043**	**.0000**
Stddev	.0006	.0045	.0005	.0001	.0001	.0000	.0014	.0010	.0001
%RSD	196.7	39.03	85.66	4.022	176.0	65.35	209.6	23.85	163.5
#1	-.0000	-.0160	.0000	.0016	-.0001	-.0001	-.0022	-.0038	-.0000
#2	-.0009	-.0070	.0009	.0017	-.0002	-.0000	-.0003	-.0055	.0001
#3	.0001	-.0116	.0007	.0016	.0000	-.0001	.0005	-.0037	.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0001**	**-.0001**	**.0001**	**-.0016**	**.0072**	**.0015**	**-.0083**	**.0000**
Stddev	.0016	.0001	.0000	.0001	.0011	.0386	.0011	.0125	.0000
%RSD	277.6	77.83	18.26	97.02	72.50	535.0	73.30	151.7	73.17
#1	-.0006	.0003	-.0001	.0001	-.0003	-.0083	.0017	.0054	.0000
#2	.0024	.0000	-.0001	.0000	-.0025	.0512	.0003	-.0110	.0000
#3	-.0000	.0001	-.0001	.0003	-.0020	-.0212	.0024	-.0192	.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0642**	**-.0000**	**-.0037**	**.0004**	**-.0016**	**.0008**	**.0014**	**.0002**
Stddev	.0001	.0035	.0005	.0014	.0020	.0009	.0003	.0023	.0011
%RSD	765.2	5.412	36540.	36.58	544.7	58.50	39.64	165.6	479.4
#1	-.0001	.0602	-.0004	-.0046	.0002	-.0020	.0005	.0016	-.0007
#2	-.0000	.0657	-.0002	-.0044	.0025	-.0005	.0012	.0036	-.0000
#3	.0001	.0666	.0005	-.0021	-.0016	-.0023	.0008	-.0010	.0014

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0001**	**.0001**	**-.0008**	**-.0002**	**-.0007**	**-.0003**	**-.0000**
Stddev	.0013	.0001	.0002	.0003	.0001	.0009	.0000	.0002
%RSD	1194.	130.2	270.2	39.35	52.18	129.0	7.693	1617.
#1	-.0013	-.0001	-.0001	-.0010	-.0003	-.0005	-.0003	.0002
#2	.0012	.0000	-.0000	-.0010	-.0001	.0001	-.0003	-.0003
#3	-.0002	-.0001	.0003	-.0005	-.0002	-.0016	-.0003	-.0000

Zoom In Zoom Out

Sample Name: mp37276-mb1 Acquired: 1/16/2023 17:46:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7265.4**	**108250.**	**13338.**	**2956.6**
Stddev	31.6	512.	55.	14.1
%RSD	.43511	.47265	.41360	.47574
#1	7235.7	107690.	13370.	2945.7
#2	7262.1	108700.	13275.	2951.8
#3	7298.6	108350.	13370.	2972.5

Zoom In Zoom Out

Sample Name: mp37407-mb1conf Acquired: 1/16/2023 17:51:22 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.0093**	**.0002**	**.0022**	**.0007**	**-.0000**	**-.0001**	**.1178**	**.0000**
Stddev	.0006	.0083	.0016	.0012	.0000	.0001	.0014	.0005	.0000
%RSD	68.14	89.03	877.1	55.47	7.432	233.9	1335.	.4160	172.6
#1	-.0016	.0186	-.0010	.0029	.0007	-.0001	.0010	.1174	.0001
#2	-.0009	.0026	-.0005	.0008	.0006	.0001	-.0017	.1183	.0000
#3	-.0003	.0068	.0020	.0030	.0007	-.0001	.0004	.1176	-.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0000**	**.0003**	**.0021**	**.0295**	**.0106**	**-.0004**	**.0093**	**.0004**
Stddev	.0017	.0001	.0002	.0002	.0021	.0276	.0028	.0106	.0000
%RSD	1138.	270.3	64.42	8.373	6.986	259.4	637.8	114.5	8.938
#1	.0000	.0001	.0005	.0020	.0272	.0137	-.0008	.0127	.0004
#2	.0014	-.0001	.0004	.0021	.0312	-.0183	-.0030	.0178	.0004
#3	-.0019	.0001	.0001	.0023	.0302	.0365	.0025	-.0026	.0003

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.1234**	**.0006**	**.0168**	**.0007**	**.0065**	**.0001**	**.0001**	**.0144**
Stddev	.0002	.0093	.0001	.0009	.0004	.0010	.0011	.0017	.0008
%RSD	49.20	7.562	22.81	5.241	52.00	15.87	975.4	2047.	5.343
#1	.0002	.1279	.0006	.0178	.0007	.0061	.0004	-.0014	.0138
#2	.0007	.1297	.0005	.0167	.0011	.0077	.0011	-.0003	.0142
#3	.0005	.1127	.0007	.0161	.0003	.0058	-.0012	.0019	.0153

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0176**	**.0007**	**.0012**	**.0004**	**-.0002**	**-.0010**	**.0046**	**.0001**
Stddev	.0014	.0001	.0001	.0017	.0002	.0017	.0002	.0001
%RSD	8.036	15.53	9.193	447.8	69.45	166.7	4.650	83.09
#1	.0168	.0008	.0012	.0020	-.0004	.0007	.0049	.0001
#2	.0192	.0006	.0011	-.0014	-.0003	-.0026	.0045	.0001
#3	.0167	.0007	.0013	.0005	-.0001	-.0011	.0046	.0003

Zoom In Zoom Out

Sample Name: mp37407-mb1conf Acquired: 1/16/2023 17:51:22 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7255.3**	**108390.**	**13556.**	**2952.2**
Stddev	.7	277.	60.	3.4
%RSD	.00982	.25557	.44350	.11668
#1	7256.0	108120.	13612.	2954.1
#2	7254.6	108670.	13563.	2954.2
#3	7255.3	108360.	13492.	2948.2

Zoom In Zoom Out

Sample Name: mp37407-b1conf Acquired: 1/16/2023 17:56:35 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2476**	**25.31**	**2.011**	**1.949**	**1.931**	**1.955**	**.2916**	**24.98**	**1.975**
Stddev	.0006	.06	.005	.003	.004	.003	.0019	.05	.003
%RSD	.2414	.2513	.2603	.1582	.2255	.1658	.6641	.1839	.1732
#1	.2478	25.28	2.017	1.953	1.926	1.953	.2930	24.96	1.979
#2	.2480	25.39	2.007	1.948	1.935	1.959	.2925	25.03	1.974
#3	.2469	25.27	2.008	1.947	1.931	1.954	.2894	24.94	1.973

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**1.980**	**1.938**	**1.921**	**24.84**	**25.54**	**.0000**	**24.93**	**1.985**
Stddev	.0005	.001	.002	.004	.05	.07	.0010	.06	.001
%RSD	21.49	.0407	.0913	.1909	.2045	.2794	2925.	.2234	.0674
#1	.0025	1.980	1.940	1.924	24.78	25.51	.0011	24.97	1.986
#2	.0016	1.979	1.937	1.917	24.87	25.62	-.0005	24.95	1.984
#3	.0022	1.981	1.938	1.921	24.85	25.49	-.0005	24.87	1.984

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.971**	**25.87**	**1.983**	**1.990**	**2.001**	**.0144**	**1.967**	**1.961**	**.0181**
Stddev	.003	.07	.001	.008	.004	.0006	.003	.005	.0007
%RSD	.1411	.2730	.0384	.3818	.2087	4.282	.1660	.2551	3.904
#1	1.974	25.81	1.983	1.992	2.004	.0138	1.970	1.966	.0186
#2	1.969	25.95	1.983	1.982	1.997	.0144	1.968	1.956	.0183
#3	1.970	25.87	1.984	1.997	2.003	.0150	1.964	1.962	.0173

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.017**	**1.982**	**1.917**	**2.013**	**1.930**	**1.421**	**1.925**	**1.920**
Stddev	.002	.004	.002	.009	.001	.005	.003	.002
%RSD	.0916	.1941	.0818	.4448	.0568	.3323	.1359	.1152
#1	2.018	1.978	1.919	2.021	1.930	1.416	1.927	1.920
#2	2.015	1.986	1.916	2.003	1.929	1.422	1.924	1.917
#3	2.017	1.982	1.916	2.016	1.931	1.425	1.922	1.922

Zoom In Zoom Out

Sample Name: mp37407-b1conf Acquired: 1/16/2023 17:56:35 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7099.4**	**106320.**	**13488.**	**2918.7**
Stddev	17.5	77.	47.	9.7
%RSD	.24600	.07288	.35216	.33263
#1	7089.8	106350.	13478.	2911.4
#2	7088.8	106380.	13445.	2915.0
#3	7119.5	106240.	13539.	2929.8

Zoom In Zoom Out

Sample Name: mp37407-s1 Acquired: 1/16/2023 18:01:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2495**	**120.9**	**2.028**	**4.247**	**2.405**	**1.954**	**1.241**	**838.1**	**2.025**
Stddev	.0022	.1	.018	.005	.003	.002	.004	.3	.004
%RSD	.8864	.0816	.8848	.1144	.1312	.0862	.3123	.0379	.2158
#1	.2503	121.0	2.036	4.251	2.401	1.952	1.237	838.5	2.028
#2	.2511	120.8	2.042	4.249	2.408	1.953	1.245	838.0	2.026
#3	.2470	120.9	2.008	4.242	2.405	1.955	1.240	837.9	2.020

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3755**	**2.203**	**2.053**	**2.986**	**229.7**	**46.22**	**.0370**	**69.91**	**4.552**
Stddev	.0111	.003	.005	.004	.1	.22	.0074	.08	.004
%RSD	2.952	.1179	.2223	.1353	.0247	.4854	20.08	.1206	.0787
#1	.3882	2.206	2.057	2.989	229.6	45.98	.0423	69.98	4.556
#2	.3679	2.201	2.048	2.981	229.7	46.42	.0401	69.94	4.549
#3	.3703	2.202	2.053	2.986	229.7	46.27	.0285	69.82	4.551

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.959**	**57.10**	**2.116**	**8.198**	**2.227**	**15.45**	**1.039**	**1.942**	**3.622**
Stddev	.003	.06	.003	.008	.012	.02	.004	.008	.009
%RSD	.1543	.1021	.1437	.1009	.5191	.1230	.4123	.4288	.2523
#1	1.962	57.16	2.119	8.189	2.216	15.43	1.043	1.948	3.614
#2	1.957	57.07	2.113	8.204	2.239	15.45	1.034	1.932	3.620
#3	1.957	57.05	2.116	8.201	2.226	15.47	1.040	1.944	3.632

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.899**	**3.052**	**8.403**	**2.020**	**2.257**	**1.347**	**3.454**	**2.112**
Stddev	.004	.003	.011	.011	.001	.010	.007	.003
%RSD	.2008	.0815	.1338	.5455	.0201	.7457	.2055	.1179
#1	1.903	3.052	8.415	2.023	2.257	1.339	3.453	2.114
#2	1.896	3.050	8.393	2.008	2.257	1.358	3.447	2.109
#3	1.898	3.055	8.402	2.030	2.257	1.342	3.461	2.113

Zoom In Zoom Out

Sample Name: mp37407-s1 Acquired: 1/16/2023 18:01:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6979.0**	**106170.**	**13621.**	**2914.2**
Stddev	8.3	349.	23.	3.0
%RSD	.11833	.32902	.16971	.10160
#1	6969.5	105760.	13605.	2910.8
#2	6983.1	106400.	13610.	2916.4
#3	6984.4	106330.	13647.	2915.4

Zoom In Zoom Out

Sample Name: mp37407-s2 Acquired: 1/16/2023 18:06:22 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2565**	**117.5**	**2.099**	**4.038**	**2.475**	**2.003**	**1.292**	**817.8**	**2.081**
Stddev	.0019	.0	.009	.012	.003	.002	.002	1.8	.009
%RSD	.7278	.0189	.4333	.2897	.1312	.0825	.1592	.2174	.4121
#1	.2587	117.5	2.095	4.040	2.474	2.003	1.289	815.7	2.080
#2	.2551	117.6	2.110	4.049	2.474	2.001	1.293	818.9	2.090
#3	.2559	117.5	2.093	4.026	2.479	2.005	1.293	818.6	2.073

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3825**	**2.260**	**2.094**	**3.060**	**245.8**	**47.16**	**.0491**	**68.81**	**4.716**
Stddev	.0050	.003	.003	.014	.3	.33	.0051	.24	.006
%RSD	1.299	.1386	.1612	.4565	.1112	.7099	10.43	.3513	.1241
#1	.3784	2.263	2.098	3.075	245.5	46.80	.0459	68.64	4.722
#2	.3811	2.262	2.091	3.056	246.0	47.46	.0551	69.09	4.711
#3	.3880	2.257	2.093	3.048	245.9	47.21	.0465	68.71	4.714

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.015**	**57.18**	**2.155**	**8.399**	**2.257**	**15.05**	**1.103**	**2.017**	**3.537**
Stddev	.002	.10	.001	.034	.011	.04	.010	.019	.017
%RSD	.1155	.1794	.0600	.4029	.4674	.2780	.9149	.9548	.4857
#1	2.015	57.09	2.155	8.391	2.244	15.05	1.093	2.024	3.521
#2	2.017	57.15	2.157	8.436	2.263	15.09	1.113	2.033	3.555
#3	2.013	57.29	2.154	8.370	2.262	15.01	1.101	1.996	3.534

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.961**	**3.079**	**8.793**	**2.092**	**2.329**	**1.449**	**3.616**	**2.181**
Stddev	.009	.006	.028	.012	.003	.004	.006	.006
%RSD	.4320	.1922	.3215	.5731	.1272	.2862	.1698	.2688
#1	1.954	3.077	8.825	2.098	2.333	1.445	3.609	2.188
#2	1.970	3.073	8.784	2.100	2.327	1.450	3.621	2.177
#3	1.959	3.085	8.771	2.078	2.328	1.453	3.617	2.178

Zoom In Zoom Out

Sample Name: mp37407-s2 Acquired: 1/16/2023 18:06:22 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7009.2**	**107290.**	**13666.**	**2921.6**
Stddev	6.3	226.	109.	5.3
%RSD	.08945	.21030	.79942	.18185
#1	7010.2	107140.	13757.	2923.5
#2	7002.6	107550.	13545.	2915.6
#3	7015.0	107180.	13696.	2925.7

Zoom In Zoom Out

Sample Name: jd58561-2 Acquired: 1/16/2023 18:11:16 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0023**	**85.18**	**.0469**	**2.574**	**.5091**	**.0042**	**1.121**	**868.5**	**.0181**
Stddev	.0010	.17	.0085	.009	.0017	.0001	.007	1.9	.0006
%RSD	42.40	.2031	18.17	.3454	.3332	2.611	.5904	.2174	3.234
#1	-.0032	85.34	.0487	2.567	.5079	.0041	1.128	869.0	.0188
#2	-.0012	85.00	.0544	2.572	.5110	.0041	1.115	866.4	.0177
#3	-.0026	85.19	.0376	2.584	.5083	.0043	1.121	870.1	.0178

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3908**	**.2395**	**.1178**	**1.092**	**221.2**	**21.38**	**.0444**	**44.35**	**2.533**
Stddev	.0182	.0011	.0025	.002	.5	.07	.0110	.28	.001
%RSD	4.646	.4591	2.105	.2172	.2309	.3427	24.67	.6421	.0393
#1	.3923	.2408	.1161	1.093	221.3	21.44	.0561	44.41	2.534
#2	.4082	.2390	.1207	1.089	220.7	21.30	.0429	44.04	2.534
#3	.3720	.2387	.1166	1.093	221.7	21.40	.0343	44.60	2.532

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0168**	**31.21**	**.1101**	**6.774**	**.2161**	**17.13**	**.0262**	**.0152**	**1.760**
Stddev	.0017	.03	.0015	.015	.0033	.01	.0044	.0075	.006
%RSD	10.18	.0885	1.390	.2197	1.525	.0297	16.95	49.24	.3444
#1	.0188	31.19	.1115	6.762	.2129	17.12	.0248	.0182	1.764
#2	.0159	31.19	.1085	6.771	.2195	17.13	.0311	.0207	1.763
#3	.0158	31.24	.1102	6.791	.2160	17.13	.0226	.0067	1.753

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0497**	**1.115**	**7.695**	**.0007**	**.3725**	**.3480**	**1.955**	**.2421**
Stddev	.0003	.001	.003	.0159	.0012	.0037	.002	.0008
%RSD	.6581	.0432	.0376	2427.	.3165	1.060	.1189	.3421
#1	.0495	1.116	7.693	-.0018	.3733	.3439	1.956	.2429
#2	.0501	1.115	7.698	.0177	.3730	.3495	1.956	.2412
#3	.0496	1.115	7.693	-.0139	.3711	.3508	1.952	.2421

Zoom In Zoom Out

Sample Name: jd58561-2 Acquired: 1/16/2023 18:11:16 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7008.2**	**107090.**	**13734.**	**2917.7**
Stddev	13.1	319.	95.	3.1
%RSD	.18759	.29788	.68894	.10774
#1	6994.1	107040.	13650.	2916.8
#2	7010.6	106800.	13836.	2915.1
#3	7020.1	107440.	13714.	2921.2

Zoom In Zoom Out

Sample Name: mp37407-sd1 Acquired: 1/16/2023 18:16:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0105**	**86.80**	**.0400**	**2.625**	**.5226**	**.0035**	**1.162**	**890.0**	**.0196**
Stddev	.0053	.57	.0514	.026	.0031	.0013	.019	3.2	.0036
%RSD	50.63	.6510	128.6	.9881	.6001	37.90	1.629	.3636	18.29
#1	-.0075	87.29	.0807	2.622	.5255	.0042	1.181	892.9	.0159
#2	-.0074	86.93	.0569	2.652	.5232	.0020	1.161	886.5	.0231
#3	-.0167	86.18	-.0178	2.601	.5193	.0044	1.144	890.7	.0197

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5163**	**.2389**	**.1124**	**1.084**	**226.1**	**21.32**	**.0357**	**45.86**	**2.604**
Stddev	.0858	.0045	.0059	.003	.5	.87	.0291	.30	.010
%RSD	16.62	1.900	5.207	.2613	.2365	4.076	81.54	.6578	.3748
#1	.5266	.2383	.1171	1.081	226.7	22.18	.0616	45.67	2.593
#2	.5966	.2438	.1144	1.087	225.7	20.45	.0412	46.21	2.612
#3	.4258	.2347	.1058	1.084	225.9	21.33	.0042	45.71	2.605

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0174**	**32.00**	**.1035**	**6.693**	**.2659**	**16.91**	**.0469**	**-.0190**	**1.781**
Stddev	.0072	.42	.0128	.039	.0452	.02	.0320	.0766	.026
%RSD	41.24	1.316	12.34	.5818	16.98	.1123	68.19	403.0	1.462
#1	.0168	31.99	.0901	6.708	.2878	16.91	.0632	-.0934	1.810
#2	.0105	31.59	.1156	6.722	.2140	16.93	.0674	-.0232	1.771
#3	.0249	32.43	.1048	6.649	.2960	16.90	.0101	.0596	1.761

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023**	**1.139**	**7.761**	**.0454**	**.3845**	**.4052**	**2.031**	**.2453**
Stddev	.0080	.006	.025	.0531	.0035	.0160	.002	.0005
%RSD	348.1	.4938	.3249	116.9	.9049	3.952	.0888	.2046
#1	-.0061	1.142	7.738	.0484	.3882	.4054	2.029	.2449
#2	.0099	1.133	7.756	.0970	.3813	.3891	2.032	.2458
#3	.0031	1.143	7.788	-.0091	.3841	.4212	2.032	.2451

Zoom In Zoom Out

Sample Name: mp37407-sd1 Acquired: 1/16/2023 18:16:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7211.8**	**108360.**	**13515.**	**2953.0**
Stddev	6.2	304.	67.	4.4
%RSD	.08651	.28059	.49353	.14923
#1	7218.9	108360.	13459.	2958.0
#2	7207.6	108050.	13589.	2949.8
#3	7208.7	108660.	13497.	2951.1

Zoom In Zoom Out

Sample Name: jd58561-4 Acquired: 1/16/2023 18:21:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**100.7**	**.0373**	**.1430**	**.4856**	**.0041**	**1.104**	**846.0**	**.0025**
Stddev	.0019	.2	.0037	.0064	.0012	.0004	.001	1.3	.0007
%RSD	130.0	.1562	9.870	4.481	.2500	9.464	.1041	.1541	28.68
#1	.0006	100.6	.0356	.1365	.4855	.0036	1.103	845.3	.0033
#2	-.0020	100.8	.0348	.1434	.4869	.0044	1.104	847.6	.0019
#3	-.0030	100.9	.0415	.1493	.4845	.0042	1.105	845.3	.0023

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3216**	**.1072**	**.1945**	**.7229**	**212.5**	**16.33**	**.0375**	**41.63**	**2.513**
Stddev	.0222	.0009	.0016	.0037	.1	.06	.0086	.09	.006
%RSD	6.903	.8176	.8307	.5109	.0497	.3646	22.84	.2168	.2508
#1	.3134	.1075	.1937	.7268	212.4	16.37	.0462	41.63	2.513
#2	.3468	.1078	.1963	.7222	212.6	16.26	.0290	41.73	2.519
#3	.3047	.1062	.1934	.7195	212.5	16.36	.0374	41.55	2.506

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0072**	**23.13**	**.1241**	**3.945**	**.1507**	**15.72**	**.0226**	**-.0033**	**1.637**
Stddev	.0008	.07	.0019	.017	.0072	.02	.0079	.0063	.007
%RSD	10.72	.3205	1.558	.4221	4.763	.1150	34.78	194.2	.4202
#1	.0075	23.11	.1257	3.929	.1528	15.72	.0167	-.0086	1.636
#2	.0078	23.22	.1220	3.962	.1566	15.71	.0315	-.0048	1.630
#3	.0064	23.08	.1247	3.943	.1427	15.74	.0195	.0037	1.643

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0282**	**1.139**	**7.532**	**-.0070**	**.3838**	**.0851**	**.9412**	**.2005**
Stddev	.0062	.002	.013	.0038	.0017	.0085	.0037	.0007
%RSD	21.91	.1403	.1658	54.13	.4494	9.958	.3892	.3335
#1	.0295	1.139	7.540	-.0030	.3845	.0923	.9408	.2011
#2	.0215	1.140	7.539	-.0106	.3851	.0757	.9450	.1998
#3	.0336	1.137	7.518	-.0074	.3818	.0872	.9377	.2006

Zoom In Zoom Out

Sample Name: jd58561-4 Acquired: 1/16/2023 18:21:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7017.2**	**106520.**	**13474.**	**2913.8**
Stddev	14.5	577.	40.	5.7
%RSD	.20642	.54135	.30012	.19644
#1	7006.0	106950.	13493.	2911.4
#2	7012.0	105870.	13427.	2909.7
#3	7033.5	106750.	13501.	2920.4

Zoom In Zoom Out

Sample Name: mp37400-mb1conf Acquired: 1/16/2023 18:26:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**-.0005**	**-.0002**	**.0021**	**.0004**	**.0000**	**-.0005**	**.0879**	**-.0000**
Stddev	.0005	.0070	.0003	.0012	.0003	.0000	.0010	.0021	.0001
%RSD	88.13	1471.	137.4	57.74	69.61	340.8	187.5	2.342	464.1
#1	-.0001	.0062	-.0005	.0032	.0002	.0000	.0006	.0901	-.0001
#2	-.0011	.0002	.0001	.0025	.0008	-.0000	-.0009	.0860	.0001
#3	-.0006	-.0078	-.0004	.0008	.0003	.0001	-.0012	.0875	-.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**.0002**	**.0003**	**.0019**	**.0747**	**-.0311**	**-.0002**	**.0147**	**.0004**
Stddev	.0026	.0001	.0002	.0001	.0009	.0231	.0012	.0199	.0000
%RSD	168.3	53.82	59.22	4.375	1.163	74.25	600.8	134.8	11.27
#1	-.0041	.0002	.0004	.0020	.0746	-.0323	-.0014	.0360	.0003
#2	-.0015	.0002	.0001	.0018	.0738	-.0536	.0010	-.0034	.0004
#3	.0011	.0001	.0003	.0020	.0755	-.0075	-.0001	.0116	.0004

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0947**	**.0005**	**.0182**	**.0008**	**.0038**	**.0014**	**.0009**	**.0072**
Stddev	.0001	.0109	.0003	.0015	.0022	.0023	.0010	.0012	.0007
%RSD	39.01	11.48	63.53	8.139	281.7	60.87	72.64	124.1	9.349
#1	.0003	.1063	.0009	.0168	.0015	.0052	.0018	.0005	.0066
#2	.0002	.0847	.0006	.0197	-.0017	.0011	.0022	.0001	.0079
#3	.0003	.0932	.0002	.0180	.0025	.0049	.0002	.0023	.0070

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0188**	**.0004**	**.0008**	**-.0001**	**-.0001**	**.0001**	**.0094**	**.0003**
Stddev	.0009	.0001	.0001	.0009	.0003	.0003	.0002	.0001
%RSD	4.997	18.72	18.26	1396.	357.6	218.7	2.479	24.82
#1	.0177	.0004	.0007	.0009	.0002	-.0001	.0093	.0004
#2	.0195	.0004	.0007	-.0009	-.0003	.0004	.0093	.0002
#3	.0192	.0005	.0009	-.0002	-.0001	.0000	.0097	.0003

Zoom In Zoom Out

Sample Name: mp37400-mb1conf Acquired: 1/16/2023 18:26:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7297.1**	**108680.**	**13635.**	**2966.7**
Stddev	14.2	657.	112.	4.9
%RSD	.19522	.60484	.81864	.16373
#1	7280.7	109250.	13512.	2961.7
#2	7306.4	108830.	13662.	2971.4
#3	7304.2	107960.	13730.	2966.8

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 18:31:46 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2574**	**39.81**	**2.107**	**2.080**	**2.007**	**2.013**	**2.056**	**38.90**	**2.046**
Stddev	.0013	.04	.019	.022	.004	.003	.016	.03	.018
%RSD	.5220	.1042	.8951	1.055	.1721	.1261	.7873	.0652	.9018
#1	.2581	39.82	2.102	2.072	2.007	2.012	2.053	38.88	2.042
#2	.2582	39.77	2.128	2.104	2.004	2.011	2.074	38.93	2.066
#3	.2558	39.85	2.092	2.062	2.011	2.016	2.043	38.88	2.030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.039**	**2.052**	**2.009**	**1.993**	**38.68**	**40.02**	**2.044**	**38.74**	**2.050**
Stddev	.004	.014	.002	.004	.01	.03	.001	.03	.002
%RSD	.2057	.6830	.0927	.2032	.0387	.0806	.0605	.0811	.0998
#1	2.035	2.046	2.007	1.993	38.66	40.06	2.043	38.75	2.048
#2	2.043	2.068	2.011	1.997	38.69	39.99	2.046	38.77	2.053
#3	2.039	2.043	2.008	1.989	38.68	40.02	2.045	38.71	2.050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.130**	**40.46**	**2.059**	**2.062**	**2.071**	**2.077**	**2.104**	**2.047**	**5.076**
Stddev	.018	.05	.010	.019	.012	.029	.024	.019	.050
%RSD	.8241	.1255	.4943	.9214	.5658	1.394	1.122	.9392	.9820
#1	2.126	40.46	2.054	2.057	2.069	2.073	2.101	2.039	5.063
#2	2.149	40.40	2.071	2.083	2.083	2.107	2.128	2.069	5.131
#3	2.114	40.50	2.052	2.045	2.060	2.050	2.081	2.034	5.033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 18:31:46 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.122**	**2.059**	**2.066**	**2.073**	**2.008**	**2.132**	**1.996**	**2.055**
Stddev	.019	.004	.002	.014	.002	.019	.013	.002
%RSD	.8984	.1777	.0790	.6872	.0768	.9025	.6417	.1190
#1	2.114	2.058	2.066	2.072	2.008	2.124	1.990	2.056
#2	2.144	2.056	2.067	2.088	2.010	2.154	2.011	2.057
#3	2.109	2.063	2.064	2.060	2.007	2.118	1.988	2.052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7023.6**	**105940.**	**13587.**	**2899.9**
Stddev	27.7	212.	94.	15.5
%RSD	.39464	.19981	.69318	.53328
#1	7048.4	106150.	13547.	2909.6
#2	6993.7	105950.	13519.	2882.1
#3	7028.8	105720.	13694.	2908.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 18:36:38 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0014**	**-.0006**	**.0035**	**.0001**	**.0000**	**-.0003**	**.0131**	**.0001**
Stddev	.0002	.0100	.0023	.0006	.0003	.0001	.0012	.0008	.0001
%RSD	46.66	721.9	403.2	18.36	398.7	129.1	409.9	6.373	66.52
#1	-.0002	.0120	.0021	.0042	-.0000	.0001	-.0013	.0139	.0001
#2	-.0006	.0001	-.0021	.0029	-.0002	-.0000	.0010	.0122	.0001
#3	-.0007	-.0079	-.0017	.0034	.0004	.0001	-.0006	.0130	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023**	**.0002**	**-.0003**	**-.0001**	**.0019**	**-.0402**	**-.0005**	**-.0266**	**.0000**
Stddev	.0027	.0001	.0003	.0004	.0005	.0355	.0011	.0034	.0001
%RSD	118.4	53.25	90.55	432.2	27.98	88.38	249.5	12.74	675.2
#1	.0052	.0002	-.0000	-.0001	.0019	-.0368	.0008	-.0244	.0000
#2	.0016	.0002	-.0004	.0003	.0024	-.0773	-.0008	-.0249	.0001
#3	-.0000	.0001	-.0006	-.0005	.0013	-.0065	-.0014	-.0305	-.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0835**	**.0002**	**-.0033**	**.0008**	**.0018**	**.0017**	**-.0003**	**.0028**
Stddev	.0002	.0090	.0002	.0013	.0011	.0029	.0012	.0011	.0011
%RSD	58.29	10.77	72.91	38.80	140.5	158.6	70.47	421.6	37.39
#1	.0001	.0881	.0004	-.0023	.0020	.0050	.0003	.0001	.0018
#2	.0004	.0893	.0003	-.0048	.0001	.0012	.0021	-.0015	.0039
#3	.0005	.0732	.0000	-.0028	.0002	-.0007	.0026	.0006	.0028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 18:36:38 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**-.0000**	**.0004**	**.0015**	**.0000**	**.0030**	**.0004**	**.0001**
Stddev	.0005	.0001	.0003	.0005	.0004	.0017	.0000	.0001
%RSD	54.85	861.2	78.22	33.61	1190.	57.21	10.65	109.3
#1	.0008	.0001	.0002	.0019	.0001	.0042	.0004	.0000
#2	.0006	-.0002	.0002	.0009	.0004	.0036	.0004	.0003
#3	.0016	.0000	.0007	.0017	-.0004	.0010	.0005	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7314.8**	**109470.**	**13512.**	**2972.4**
Stddev	9.8	153.	17.	5.1
%RSD	.13453	.13934	.12227	.17111
#1	7303.9	109300.	13519.	2967.0
#2	7323.1	109590.	13523.	2972.9
#3	7317.3	109520.	13493.	2977.1

Zoom In Zoom Out

Sample Name: mp37400-b1conf Acquired: 1/16/2023 18:41:53 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2475**	**25.84**	**2.008**	**1.943**	**1.954**	**1.971**	**.2918**	**25.56**	**1.960**
Stddev	.0005	.34	.002	.003	.024	.024	.0008	.33	.002
%RSD	.1880	1.306	.1037	.1685	1.206	1.234	.2789	1.279	.1091
#1	.2480	25.65	2.009	1.945	1.940	1.958	.2919	25.41	1.962
#2	.2471	26.23	2.008	1.945	1.981	1.999	.2909	25.93	1.960
#3	.2474	25.64	2.005	1.939	1.940	1.956	.2925	25.33	1.958

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0042**	**1.976**	**1.931**	**1.918**	**25.29**	**26.12**	**.0003**	**25.42**	**1.974**
Stddev	.0031	.004	.004	.003	.30	.31	.0012	.28	.004
%RSD	72.25	.2049	.2076	.1627	1.189	1.171	430.4	1.116	.2194
#1	.0040	1.978	1.935	1.920	25.16	26.00	.0013	25.26	1.979
#2	.0013	1.980	1.927	1.914	25.64	26.47	.0006	25.74	1.970
#3	.0075	1.972	1.931	1.920	25.08	25.90	-.0011	25.25	1.974

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.975**	**26.50**	**1.984**	**1.974**	**1.993**	**.0196**	**1.963**	**1.940**	**.1239**
Stddev	.003	.35	.002	.004	.002	.0038	.001	.004	.0014
%RSD	.1734	1.308	.1122	.2070	.0762	19.47	.0343	.1959	1.090
#1	1.979	26.30	1.986	1.975	1.992	.0230	1.963	1.945	.1229
#2	1.974	26.90	1.986	1.969	1.995	.0205	1.963	1.940	.1235
#3	1.972	26.30	1.982	1.977	1.992	.0155	1.962	1.937	.1254

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.011**	**2.003**	**1.919**	**2.004**	**1.925**	**1.448**	**1.930**	**1.922**
Stddev	.005	.026	.004	.004	.004	.003	.004	.003
%RSD	.2476	1.277	.1879	.1748	.1856	.2253	.2222	.1768
#1	2.014	1.989	1.922	2.008	1.928	1.448	1.934	1.924
#2	2.013	2.032	1.915	2.002	1.921	1.451	1.930	1.918
#3	2.005	1.988	1.919	2.003	1.926	1.444	1.925	1.923

Zoom In Zoom Out

Sample Name: mp37400-b1conf Acquired: 1/16/2023 18:41:53 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7163.5**	**107560.**	**13517.**	**2941.4**
Stddev	9.1	290.	151.	5.5
%RSD	.12739	.26915	1.1191	.18779
#1	7152.9	107260.	13551.	2935.0
#2	7168.0	107840.	13352.	2944.3
#3	7169.4	107580.	13649.	2944.8

Zoom In Zoom Out

Sample Name: mp37400-s1 Acquired: 1/16/2023 18:46:44 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2175**	**224.1**	**1.792**	**1.668**	**2.072**	**1.711**	**.4049**	**29.69**	**1.726**
Stddev	.0023	1.8	.005	.007	.019	.014	.0073	.30	.005
%RSD	1.068	.7845	.2753	.4008	.9188	.7937	1.791	1.000	.3166
#1	.2188	222.8	1.797	1.675	2.061	1.701	.4027	29.46	1.732
#2	.2188	226.1	1.791	1.666	2.094	1.726	.3990	30.02	1.724
#3	.2148	223.5	1.788	1.662	2.061	1.705	.4130	29.58	1.722

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9197**	**1.892**	**1.891**	**1.922**	**291.7**	**38.40**	**.2321**	**53.09**	**5.387**
Stddev	.0038	.002	.004	.005	2.6	.25	.0105	.44	.016
%RSD	.4166	.1024	.1843	.2872	.9039	.6412	4.502	.8321	.2910
#1	.9165	1.893	1.892	1.919	289.6	38.30	.2227	52.93	5.376
#2	.9239	1.890	1.887	1.918	294.7	38.68	.2433	53.59	5.381
#3	.9188	1.892	1.894	1.928	290.8	38.21	.2303	52.76	5.405

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.696**	**23.48**	**2.003**	**5.175**	**1.905**	**1.009**	**.6397**	**1.680**	**1.752**
Stddev	.003	.26	.008	.023	.008	.010	.0034	.021	.016
%RSD	.1666	1.093	.4167	.4508	.4339	1.025	.5263	1.257	.9320
#1	1.698	23.33	2.012	5.200	1.903	1.020	.6374	1.702	1.768
#2	1.698	23.77	1.995	5.171	1.898	1.006	.6435	1.660	1.735
#3	1.693	23.32	2.002	5.153	1.914	.9999	.6381	1.678	1.752

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.661**	**1.809**	**2.822**	**1.789**	**1.955**	**1.147**	**2.237**	**1.767**
Stddev	.006	.017	.009	.003	.007	.009	.002	.006
%RSD	.3825	.9464	.2996	.1815	.3572	.7623	.0746	.3148
#1	1.660	1.796	2.821	1.790	1.953	1.147	2.238	1.762
#2	1.668	1.828	2.815	1.791	1.950	1.156	2.238	1.766
#3	1.656	1.803	2.831	1.785	1.963	1.139	2.235	1.773

Zoom In Zoom Out

Sample Name: mp37400-s1 Acquired: 1/16/2023 18:46:44 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7234.3**	**109720.**	**13818.**	**2999.7**
Stddev	9.3	257.	86.	6.6
%RSD	.12814	.23461	.62245	.22018
#1	7223.8	109940.	13859.	2993.1
#2	7241.4	109790.	13719.	2999.8
#3	7237.6	109440.	13876.	3006.3

Zoom In Zoom Out

Sample Name: mp37400-s2 Acquired: 1/16/2023 18:51:42 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2281**	**251.0**	**1.881**	**1.737**	**2.598**	**1.788**	**.4238**	**30.45**	**1.811**
Stddev	.0034	.3	.003	.010	.005	.002	.0051	.07	.002
%RSD	1.483	.1041	.1669	.5563	.1865	.1006	1.194	.2425	.1096
#1	.2243	251.3	1.878	1.732	2.602	1.790	.4281	30.51	1.810
#2	.2294	251.0	1.881	1.748	2.598	1.788	.4251	30.48	1.813
#3	.2308	250.7	1.884	1.731	2.593	1.786	.4182	30.37	1.810

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.002**	**1.966**	**2.015**	**2.043**	**332.7**	**40.51**	**.2587**	**58.00**	**4.789**
Stddev	.026	.002	.001	.005	.3	.35	.0025	.28	.006
%RSD	2.610	.0827	.0507	.2433	.0983	.8562	.9620	.4893	.1309
#1	.9996	1.965	2.014	2.045	333.0	40.87	.2605	57.86	4.782
#2	.9766	1.967	2.016	2.037	332.7	40.48	.2597	58.32	4.792
#3	1.029	1.964	2.014	2.046	332.3	40.18	.2558	57.81	4.794

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.769**	**24.51**	**2.123**	**5.633**	**2.000**	**1.288**	**.6656**	**1.753**	**2.096**
Stddev	.003	.05	.004	.032	.014	.010	.0039	.009	.015
%RSD	.1514	.1905	.1933	.5647	.7120	.7742	.5839	.5320	.7258
#1	1.772	24.56	2.125	5.612	2.012	1.286	.6695	1.762	2.103
#2	1.770	24.48	2.126	5.617	2.004	1.299	.6654	1.752	2.106
#3	1.766	24.49	2.118	5.669	1.984	1.279	.6618	1.744	2.078

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.751**	**1.899**	**2.961**	**1.864**	**2.094**	**1.143**	**2.415**	**1.874**
Stddev	.006	.003	.004	.003	.004	.001	.004	.005
%RSD	.3381	.1806	.1451	.1380	.2142	.1187	.1617	.2450
#1	1.749	1.903	2.958	1.861	2.092	1.144	2.417	1.871
#2	1.746	1.897	2.958	1.867	2.091	1.143	2.410	1.873
#3	1.757	1.897	2.966	1.865	2.100	1.141	2.417	1.880

Zoom In Zoom Out

Sample Name: mp37400-s2 Acquired: 1/16/2023 18:51:42 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7244.7**	**109290.**	**13900.**	**3014.7**
Stddev	12.4	321.	61.	6.7
%RSD	.17143	.29400	.43797	.22307
#1	7250.9	109660.	13857.	3018.3
#2	7252.7	109130.	13873.	3018.8
#3	7230.4	109080.	13970.	3006.9

Zoom In Zoom Out

Sample Name: jd58498-11 Acquired: 1/16/2023 18:56:40 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**168.7**	**.0759**	**.0294**	**.5220**	**.0124**	**.1807**	**6.753**	**.0013**
Stddev	.0026	.3	.0032	.0054	.0015	.0004	.0065	.022	.0015
%RSD	515.3	.2067	4.198	18.43	.2956	3.611	3.584	.3270	114.9
#1	-.0025	169.0	.0793	.0278	.5207	.0119	.1836	6.768	.0013
#2	-.0014	168.8	.0730	.0249	.5215	.0128	.1853	6.764	.0028
#3	.0024	168.3	.0755	.0354	.5237	.0125	.1733	6.728	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.017**	**.1366**	**.2291**	**.3011**	**323.4**	**11.87**	**.2361**	**35.81**	**3.359**
Stddev	.010	.0015	.0003	.0004	.8	.23	.0047	.07	.014
%RSD	.9639	1.117	.1121	.1273	.2355	1.964	2.005	.2066	.4022
#1	1.006	.1349	.2288	.3014	323.7	11.88	.2315	35.75	3.364
#2	1.020	.1370	.2291	.3007	324.0	12.10	.2359	35.89	3.370
#3	1.025	.1378	.2294	.3014	322.6	11.63	.2409	35.80	3.344

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0084**	**.5560**	**.2533**	**4.062**	**.1399**	**1.258**	**.0230**	**.0036**	**1.012**
Stddev	.0008	.0439	.0005	.007	.0069	.005	.0036	.0141	.010
%RSD	9.989	7.891	.1914	.1849	4.949	.4283	15.49	390.1	.9457
#1	.0087	.5952	.2532	4.055	.1377	1.264	.0264	-.0121	1.023
#2	.0074	.5642	.2539	4.061	.1343	1.254	.0193	.0154	1.005
#3	.0090	.5086	.2529	4.070	.1476	1.256	.0235	.0075	1.008

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0216**	**.0477**	**1.337**	**.0056**	**.2863**	**.0152**	**.6182**	**.1326**
Stddev	.0036	.0001	.006	.0039	.0008	.0016	.0012	.0003
%RSD	16.80	.2491	.4843	69.44	.2809	10.27	.1974	.2086
#1	.0242	.0477	1.338	.0030	.2861	.0159	.6168	.1323
#2	.0232	.0475	1.343	.0100	.2872	.0134	.6187	.1328
#3	.0175	.0477	1.330	.0036	.2856	.0163	.6190	.1327

Zoom In Zoom Out

Sample Name: jd58498-11 Acquired: 1/16/2023 18:56:40 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7256.7**	**109340.**	**13825.**	**3011.6**
Stddev	8.4	319.	45.	2.3
%RSD	.11583	.29139	.32869	.07784
#1	7261.6	109200.	13861.	3011.2
#2	7247.0	109120.	13774.	3009.4
#3	7261.5	109710.	13841.	3014.1

Zoom In Zoom Out

Sample Name: mp37400-sd1 Acquired: 1/16/2023 19:01:46 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**184.2**	**.0583**	**.0540**	**.5713**	**.0138**	**.2157**	**7.447**	**-.0004**
Stddev	.0053	.3	.0175	.0048	.0080	.0012	.0290	.050	.0063
%RSD	1143.	.1841	30.12	8.983	1.398	8.681	13.43	.6649	1751.
#1	.0056	184.4	.0576	.0497	.5632	.0124	.1872	7.392	-.0052
#2	-.0030	183.8	.0761	.0530	.5791	.0142	.2451	7.460	-.0027
#3	-.0040	184.4	.0411	.0593	.5716	.0147	.2146	7.489	.0068

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.048**	**.1409**	**.2397**	**.3312**	**351.2**	**12.80**	**.2814**	**39.15**	**3.670**
Stddev	.067	.0030	.0119	.0083	.3	1.08	.0474	.09	.008
%RSD	6.394	2.163	4.972	2.496	.0949	8.397	16.86	.2194	.2065
#1	.9731	.1383	.2264	.3219	350.9	13.01	.2834	39.19	3.662
#2	1.066	.1442	.2494	.3339	351.5	13.76	.2329	39.21	3.671
#3	1.103	.1401	.2434	.3378	351.1	11.64	.3278	39.05	3.677

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0162**	**.9877**	**.2622**	**4.320**	**.1649**	**1.363**	**.0455**	**-.0289**	**1.175**
Stddev	.0049	.2672	.0043	.032	.0206	.018	.0176	.0143	.007
%RSD	30.46	27.06	1.634	.7381	12.50	1.299	38.57	49.23	.5864
#1	.0214	1.277	.2650	4.345	.1662	1.367	.0278	-.0377	1.179
#2	.0115	.9362	.2572	4.332	.1848	1.378	.0459	-.0367	1.167
#3	.0158	.7499	.2642	4.284	.1436	1.344	.0629	-.0125	1.179

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0127**	**.0532**	**1.459**	**.0067**	**.3034**	**.0549**	**.7016**	**.1478**
Stddev	.0217	.0023	.011	.0053	.0135	.0214	.0021	.0027
%RSD	170.7	4.326	.7405	79.63	4.436	39.01	.2957	1.856
#1	.0042	.0547	1.453	.0035	.3182	.0542	.7003	.1509
#2	-.0035	.0506	1.471	.0038	.2921	.0338	.7005	.1466
#3	.0374	.0543	1.452	.0129	.2998	.0766	.7040	.1459

Zoom In Zoom Out

Sample Name: mp37400-sd1 Acquired: 1/16/2023 19:01:46 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7294.0**	**108840.**	**13650.**	**2989.2**
Stddev	18.4	276.	51.	5.7
%RSD	.25194	.25370	.37178	.19034
#1	7291.6	109160.	13707.	2991.3
#2	7277.0	108700.	13612.	2982.7
#3	7313.5	108660.	13630.	2993.5

Zoom In Zoom Out

Sample Name: mp37400-ps1 Acquired: 1/16/2023 19:06:57 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2295**	**185.8**	**1.986**	**1.920**	**2.339**	**1.858**	**.4548**	**31.38**	**1.893**
Stddev	.0014	.8	.010	.013	.009	.007	.0064	.05	.006
%RSD	.6302	.4177	.4843	.6778	.3776	.3888	1.403	.1665	.3029
#1	.2281	184.9	1.983	1.925	2.332	1.851	.4614	31.34	1.897
#2	.2310	186.2	1.996	1.929	2.349	1.865	.4487	31.44	1.895
#3	.2293	186.3	1.977	1.905	2.337	1.857	.4544	31.37	1.886

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9627**	**2.059**	**2.093**	**2.103**	**331.4**	**36.77**	**.2211**	**58.81**	**5.102**
Stddev	.0231	.004	.005	.002	1.3	.29	.0044	.25	.006
%RSD	2.402	.2113	.2391	.1148	.3870	.7810	1.970	.4213	.1158
#1	.9447	2.063	2.093	2.102	330.0	36.45	.2184	58.58	5.106
#2	.9888	2.059	2.088	2.101	332.5	36.85	.2188	59.08	5.095
#3	.9547	2.055	2.098	2.106	331.7	37.00	.2261	58.78	5.104

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.897**	**26.23**	**2.178**	**5.764**	**2.071**	**1.223**	**1.879**	**1.873**	**1.041**
Stddev	.003	.06	.002	.005	.011	.016	.007	.009	.004
%RSD	.1570	.2145	.0903	.0793	.5431	1.297	.3974	.4853	.4168
#1	1.895	26.17	2.175	5.759	2.072	1.239	1.880	1.864	1.038
#2	1.900	26.28	2.178	5.768	2.082	1.223	1.887	1.873	1.046
#3	1.895	26.22	2.179	5.765	2.059	1.207	1.872	1.882	1.038

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.939**	**1.952**	**3.099**	**1.954**	**2.128**	**1.804**	**2.468**	**1.936**
Stddev	.004	.007	.005	.017	.003	.002	.003	.004
%RSD	.2288	.3670	.1488	.8718	.1495	.1289	.1178	.2150
#1	1.944	1.944	3.104	1.963	2.131	1.801	2.470	1.937
#2	1.938	1.957	3.096	1.965	2.124	1.804	2.470	1.931
#3	1.935	1.954	3.098	1.934	2.128	1.806	2.465	1.939

Zoom In Zoom Out

Sample Name: mp37400-ps1 Acquired: 1/16/2023 19:06:57 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7235.4**	**108980.**	**13813.**	**3006.6**
Stddev	10.8	209.	37.	6.2
%RSD	.14909	.19168	.27082	.20592
#1	7225.4	108830.	13803.	3000.2
#2	7233.8	109220.	13855.	3007.0
#3	7246.8	108890.	13782.	3012.6

Zoom In Zoom Out

Sample Name: jd58498-1 Acquired: 1/16/2023 19:11:55 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**198.1**	**.0822**	**.0225**	**.2744**	**.0211**	**.1686**	**10.44**	**.0004**
Stddev	.0008	.1	.0081	.0046	.0010	.0002	.0110	.04	.0008
%RSD	86.06	.0523	9.808	20.38	.3580	.9286	6.524	.3931	205.1
#1	.0003	198.0	.0900	.0209	.2736	.0212	.1657	10.42	-.0002
#2	.0018	198.2	.0827	.0189	.2740	.0209	.1808	10.48	.0000
#3	.0006	198.0	.0739	.0277	.2755	.0213	.1593	10.41	.0013

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.029**	**.0927**	**.2055**	**.3015**	**350.0**	**15.52**	**.2503**	**23.45**	**4.013**
Stddev	.016	.0009	.0012	.0008	.5	.17	.0061	.10	.005
%RSD	1.593	.9902	.5597	.2685	.1439	1.117	2.431	.4471	.1183
#1	1.032	.0934	.2067	.3005	349.6	15.63	.2459	23.57	4.007
#2	1.011	.0932	.2054	.3020	350.5	15.32	.2478	23.36	4.016
#3	1.044	.0917	.2045	.3019	349.8	15.61	.2573	23.42	4.016

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0112**	**.4833**	**.3027**	**4.377**	**.1055**	**.4795**	**.0135**	**.0121**	**1.263**
Stddev	.0007	.0412	.0007	.012	.0035	.0129	.0074	.0083	.002
%RSD	6.611	8.520	.2202	.2634	3.327	2.690	54.75	68.72	.1624
#1	.0119	.4959	.3034	4.368	.1095	.4732	.0075	.0209	1.263
#2	.0113	.4372	.3025	4.372	.1033	.4943	.0113	.0110	1.261
#3	.0104	.5166	.3022	4.390	.1036	.4709	.0218	.0044	1.265

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0263**	**.0473**	**1.243**	**.0071**	**.3620**	**.0235**	**.5073**	**.1510**
Stddev	.0040	.0005	.003	.0010	.0024	.0064	.0013	.0007
%RSD	15.42	.9541	.2091	14.48	.6523	27.23	.2656	.4803
#1	.0227	.0475	1.240	.0083	.3592	.0308	.5077	.1501
#2	.0255	.0467	1.243	.0063	.3635	.0210	.5085	.1513
#3	.0306	.0476	1.245	.0068	.3632	.0188	.5058	.1515

Zoom In Zoom Out

Sample Name: jd58498-1 Acquired: 1/16/2023 19:11:55 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7272.3**	**110280.**	**13850.**	**3029.8**
Stddev	10.1	269.	104.	5.6
%RSD	.13851	.24436	.75420	.18503
#1	7283.2	110560.	13877.	3035.0
#2	7263.3	110020.	13734.	3023.8
#3	7270.3	110260.	13938.	3030.5

Zoom In Zoom Out

Sample Name: jd58498-2 Acquired: 1/16/2023 19:17:00 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**178.1**	**.1325**	**.0471**	**.5123**	**.0751**	**.3737**	**1.828**	**.0048**
Stddev	.0021	.6	.0007	.0032	.0010	.0001	.0072	.006	.0013
%RSD	191.4	.3095	.5265	6.760	.1872	.1694	1.921	.3256	26.61
#1	-.0011	178.6	.1324	.0442	.5133	.0752	.3717	1.822	.0034
#2	.0013	178.1	.1319	.0467	.5114	.0750	.3816	1.829	.0050
#3	.0031	177.5	.1333	.0505	.5123	.0752	.3677	1.834	.0060

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.180**	**.1463**	**.3236**	**.3339**	**376.7**	**79.93**	**1.467**	**119.5**	**6.514**
Stddev	.008	.0010	.0028	.0004	1.1	.32	.007	.9	.013
%RSD	.6732	.7124	.8521	.1187	.3015	.4033	.4964	.7850	.2038
#1	1.171	.1453	.3262	.3339	377.6	80.30	1.471	120.5	6.524
#2	1.186	.1474	.3239	.3336	377.1	79.83	1.459	119.4	6.499
#3	1.184	.1463	.3207	.3344	375.4	79.68	1.471	118.7	6.519

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0100**	**.5172**	**.6304**	**5.367**	**.0919**	**.6259**	**.0128**	**.0059**	**1.119**
Stddev	.0002	.0260	.0008	.024	.0096	.0067	.0044	.0025	.006
%RSD	1.970	5.035	.1198	.4521	10.41	1.073	34.45	42.66	.5669
#1	.0098	.5197	.6297	5.339	.0925	.6210	.0162	.0064	1.111
#2	.0101	.4900	.6312	5.379	.0820	.6232	.0078	.0032	1.122
#3	.0100	.5419	.6302	5.382	.1011	.6336	.0144	.0081	1.123

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0312**	**.0269**	**2.701**	**-.0010**	**.5225**	**.0199**	**.6676**	**.1530**
Stddev	.0037	.0007	.004	.0092	.0033	.0020	.0028	.0008
%RSD	11.72	2.482	.1528	906.3	.6352	10.02	.4188	.5478
#1	.0354	.0265	2.705	.0042	.5255	.0182	.6676	.1538
#2	.0290	.0276	2.697	-.0117	.5189	.0221	.6704	.1532
#3	.0293	.0265	2.702	.0044	.5231	.0193	.6648	.1521

Zoom In Zoom Out

Sample Name: jd58498-2 Acquired: 1/16/2023 19:17:00 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7219.3**	**109230.**	**13861.**	**3028.2**
Stddev	15.5	450.	156.	8.3
%RSD	.21411	.41232	1.1277	.27489
#1	7222.3	109200.	13710.	3028.8
#2	7202.6	109690.	13850.	3019.6
#3	7233.1	108790.	14022.	3036.3

Zoom In Zoom Out

Sample Name: jd58498-3 Acquired: 1/16/2023 19:22:05 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**146.7**	**.0689**	**.0173**	**.3099**	**.0122**	**.1431**	**6.145**	**.0006**
Stddev	.0005	.4	.0036	.0002	.0013	.0001	.0012	.015	.0002
%RSD	31.26	.2663	5.247	1.065	.4126	.8943	.8564	.2355	32.12
#1	.0020	146.6	.0648	.0175	.3086	.0122	.1421	6.149	.0008
#2	.0019	147.2	.0707	.0172	.3112	.0123	.1445	6.156	.0007
#3	.0010	146.5	.0713	.0173	.3098	.0121	.1429	6.128	.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9096**	**.0940**	**.1673**	**.2307**	**277.8**	**12.03**	**.2138**	**28.36**	**4.686**
Stddev	.0020	.0010	.0007	.0004	.5	.01	.0006	.09	.007
%RSD	.2149	1.034	.4239	.1866	.1897	.1124	.2842	.3061	.1496
#1	.9074	.0951	.1670	.2302	277.3	12.04	.2138	28.29	4.679
#2	.9105	.0934	.1682	.2311	278.3	12.04	.2143	28.46	4.693
#3	.9110	.0935	.1669	.2307	277.7	12.02	.2131	28.35	4.685

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0073**	**.4602**	**.2074**	**5.273**	**.1094**	**.3117**	**.0120**	**.0042**	**1.024**
Stddev	.0006	.0055	.0001	.014	.0028	.0013	.0043	.0026	.009
%RSD	8.300	1.187	.0571	.2594	2.552	.4323	35.90	61.79	.8415
#1	.0079	.4591	.2073	5.284	.1099	.3107	.0098	.0013	1.029
#2	.0071	.4554	.2074	5.258	.1064	.3132	.0093	.0064	1.014
#3	.0068	.4662	.2075	5.276	.1119	.3112	.0170	.0048	1.029

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0256**	**.0439**	**1.076**	**-.0031**	**.2695**	**.0075**	**.4909**	**.1140**
Stddev	.0030	.0003	.001	.0021	.0013	.0011	.0011	.0005
%RSD	11.68	.6180	.0718	67.17	.4890	14.44	.2274	.4268
#1	.0261	.0441	1.076	-.0048	.2681	.0063	.4922	.1146
#2	.0224	.0440	1.077	-.0008	.2706	.0083	.4900	.1136
#3	.0283	.0436	1.075	-.0037	.2700	.0078	.4907	.1139

Zoom In Zoom Out

Sample Name: jd58498-3 Acquired: 1/16/2023 19:22:05 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7289.1**	**109060.**	**13725.**	**3023.9**
Stddev	12.2	244.	44.	7.4
%RSD	.16707	.22338	.32305	.24528
#1	7275.3	109230.	13719.	3015.7
#2	7298.2	108780.	13771.	3030.0
#3	7294.0	109170.	13683.	3026.0

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 19:27:09 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2569**	**39.68**	**2.073**	**2.056**	**2.008**	**2.000**	**2.036**	**38.85**	**2.028**
Stddev	.0006	.06	.003	.003	.005	.004	.002	.04	.001
%RSD	.2458	.1622	.1467	.1301	.2301	.1828	.1035	.0956	.0358
#1	.2562	39.61	2.070	2.059	2.002	1.996	2.037	38.81	2.029
#2	.2574	39.73	2.076	2.054	2.011	2.003	2.034	38.88	2.027
#3	.2570	39.72	2.074	2.054	2.009	2.001	2.038	38.87	2.028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.031**	**2.035**	**2.006**	**1.989**	**38.53**	**40.13**	**2.039**	**38.74**	**2.045**
Stddev	.002	.001	.002	.004	.06	.08	.002	.07	.003
%RSD	.0855	.0365	.1082	.2251	.1440	.1898	.1049	.1768	.1369
#1	2.029	2.036	2.004	1.984	38.46	40.05	2.037	38.68	2.042
#2	2.031	2.036	2.005	1.993	38.56	40.18	2.041	38.73	2.046
#3	2.033	2.035	2.008	1.990	38.55	40.17	2.039	38.81	2.048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.102**	**40.42**	**2.042**	**2.046**	**2.052**	**2.047**	**2.078**	**2.023**	**5.027**
Stddev	.002	.07	.001	.005	.001	.007	.003	.002	.004
%RSD	.0911	.1661	.0577	.2318	.0585	.3275	.1271	.0918	.0707
#1	2.100	40.35	2.041	2.049	2.053	2.054	2.080	2.022	5.024
#2	2.104	40.46	2.042	2.049	2.051	2.047	2.075	2.025	5.031
#3	2.102	40.47	2.044	2.041	2.051	2.041	2.078	2.023	5.026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 19:27:09 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.104**	**2.048**	**2.060**	**2.063**	**2.007**	**2.108**	**1.990**	**2.060**
Stddev	.001	.004	.004	.007	.003	.002	.002	.003
%RSD	.0272	.1990	.1977	.3288	.1684	.1143	.0993	.1221
#1	2.104	2.043	2.056	2.070	2.003	2.107	1.988	2.057
#2	2.105	2.051	2.062	2.064	2.009	2.106	1.992	2.062
#3	2.105	2.049	2.064	2.056	2.009	2.111	1.989	2.060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7075.5**	**106000.**	**13439.**	**2922.7**
Stddev	9.9	272.	54.	4.7
%RSD	.14020	.25693	.40366	.16048
#1	7064.5	106130.	13416.	2918.0
#2	7078.2	106180.	13501.	2922.9
#3	7083.8	105680.	13399.	2927.4

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 19:32:00 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**.0069**	**-.0002**	**.0034**	**.0001**	**-.0000**	**-.0004**	**.0132**	**.0001**
Stddev	.0004	.0017	.0016	.0009	.0001	.0001	.0008	.0019	.0002
%RSD	61.45	23.99	662.8	26.09	117.7	868.9	189.0	14.71	141.9
#1	-.0003	.0056	-.0020	.0027	-.0000	.0001	-.0001	.0124	.0001
#2	-.0004	.0088	-.0001	.0044	.0002	-.0001	-.0014	.0154	.0003
#3	-.0010	.0064	.0013	.0031	.0001	-.0000	.0002	.0118	-.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0016**	**.0001**	**-.0001**	**.0002**	**-.0018**	**-.0238**	**.0002**	**-.0088**	**-.0000**
Stddev	.0008	.0001	.0002	.0002	.0008	.0288	.0011	.0148	.0000
%RSD	49.97	154.7	187.2	120.9	44.24	120.7	549.5	167.9	88.40
#1	-.0022	-.0000	-.0001	.0000	-.0019	.0068	.0012	-.0227	-.0000
#2	-.0007	.0002	-.0003	.0001	-.0026	-.0280	.0003	-.0106	-.0000
#3	-.0018	.0001	.0001	.0004	-.0010	-.0503	-.0009	.0068	-.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0812**	**-.0001**	**-.0032**	**.0005**	**.0006**	**.0020**	**.0003**	**.0037**
Stddev	.0002	.0088	.0001	.0009	.0012	.0012	.0005	.0003	.0008
%RSD	55.50	10.88	116.1	26.79	257.0	217.4	23.48	102.5	21.95
#1	.0003	.0852	.0000	-.0033	.0015	.0003	.0019	.0003	.0029
#2	.0003	.0874	-.0001	-.0023	-.0008	.0019	.0024	.0000	.0037
#3	.0007	.0711	-.0003	-.0041	.0006	-.0005	.0015	.0006	.0046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 19:32:00 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.0001**	**.0003**	**-.0002**	**-.0000**	**.0022**	**.0003**	**.0001**
Stddev	.0008	.0001	.0001	.0009	.0002	.0018	.0002	.0002
%RSD	75.98	182.1	17.59	452.5	372.3	83.96	59.96	248.6
#1	-.0003	-.0001	.0003	-.0009	.0001	.0040	.0005	.0003
#2	-.0010	.0001	.0004	-.0005	-.0001	.0004	.0003	-.0000
#3	-.0019	.0001	.0003	.0008	-.0002	.0021	.0001	-.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7316.8**	**108260.**	**13375.**	**2974.2**
Stddev	1.7	171.	64.	2.0
%RSD	.02363	.15778	.47557	.06854
#1	7314.8	108150.	13364.	2976.5
#2	7318.0	108180.	13317.	2972.8
#3	7317.4	108460.	13443.	2973.3

Zoom In Zoom Out

Sample Name: jd58498-4 Acquired: 1/16/2023 19:37:15 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**209.7**	**.0867**	**.0174**	**.5608**	**.0559**	**.1788**	**1.747**	**.0048**
Stddev	.0004	.3	.0024	.0039	.0012	.0003	.0021	.003	.0004
%RSD	55.07	.1243	2.747	22.24	.2169	.5361	1.202	.1501	8.116
#1	.0004	210.0	.0861	.0177	.5619	.0562	.1811	1.749	.0045
#2	.0012	209.5	.0894	.0210	.5610	.0556	.1768	1.748	.0052
#3	.0007	209.5	.0848	.0133	.5595	.0559	.1787	1.744	.0046

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.518**	**.0900**	**.2022**	**.2180**	**269.4**	**43.27**	**1.017**	**64.09**	**5.106**
Stddev	.001	.0004	.0009	.0003	.3	.15	.003	.27	.002
%RSD	.0834	.3921	.4432	.1427	.1238	.3371	.3034	.4137	.0472
#1	1.517	.0898	.2020	.2183	269.8	43.39	1.014	64.30	5.103
#2	1.519	.0898	.2014	.2177	269.1	43.30	1.018	64.17	5.106
#3	1.520	.0904	.2032	.2180	269.3	43.10	1.020	63.79	5.108

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0063**	**.6156**	**.4093**	**4.553**	**.1078**	**.7224**	**.0109**	**.0029**	**1.272**
Stddev	.0011	.0016	.0005	.012	.0058	.0031	.0018	.0074	.002
%RSD	17.13	.2651	.1243	.2540	5.390	.4300	16.21	255.3	.1424
#1	.0066	.6147	.4095	4.545	.1017	.7256	.0090	-.0018	1.272
#2	.0051	.6145	.4097	4.548	.1085	.7194	.0126	-.0010	1.273
#3	.0072	.6174	.4087	4.566	.1132	.7222	.0112	.0115	1.270

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0303**	**.0298**	**1.340**	**.0057**	**.3970**	**.0045**	**.6265**	**.1666**
Stddev	.0007	.0003	.001	.0050	.0000	.0027	.0011	.0002
%RSD	2.217	.8918	.0764	87.27	.0067	60.84	.1782	.1080
#1	.0308	.0298	1.339	.0096	.3971	.0055	.6270	.1664
#2	.0295	.0301	1.341	.0074	.3970	.0014	.6253	.1667
#3	.0305	.0296	1.340	.0001	.3970	.0065	.6274	.1667

Zoom In Zoom Out

Sample Name: jd58498-4 Acquired: 1/16/2023 19:37:15 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7184.5**	**115610.**	**14572.**	**3193.7**
Stddev	12.5	218.	169.	3.3
%RSD	.17383	.18815	1.1631	.10454
#1	7170.2	115830.	14399.	3190.8
#2	7193.1	115620.	14580.	3197.4
#3	7190.2	115390.	14738.	3193.0

Zoom In Zoom Out

Sample Name: jd58498-5 Acquired: 1/16/2023 19:42:18 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**204.2**	**.0686**	**.0318**	**.4353**	**.0100**	**.2321**	**13.54**	**.0003**
Stddev	.0008	.3	.0027	.0015	.0004	.0000	.0008	.03	.0003
%RSD	59.07	.1676	3.984	4.725	.0905	.1166	.3492	.2335	114.3
#1	.0005	204.0	.0718	.0325	.4353	.0100	.2315	13.53	.0007
#2	.0016	204.6	.0669	.0328	.4356	.0100	.2316	13.57	.0001
#3	.0020	203.9	.0673	.0300	.4349	.0100	.2330	13.51	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7568**	**.0775**	**.2049**	**.2426**	**297.6**	**15.82**	**.2844**	**34.37**	**2.302**
Stddev	.0046	.0014	.0013	.0011	.5	.11	.0012	.04	.012
%RSD	.6106	1.864	.6132	.4623	.1748	.6875	.4140	.1225	.5231
#1	.7613	.0789	.2059	.2431	297.5	15.80	.2836	34.36	2.309
#2	.7521	.0760	.2053	.2434	298.1	15.94	.2858	34.41	2.309
#3	.7570	.0776	.2035	.2413	297.1	15.72	.2839	34.33	2.288

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0079**	**.9592**	**.2294**	**4.143**	**.1386**	**.3371**	**.0113**	**.0086**	**1.332**
Stddev	.0008	.0128	.0001	.004	.0030	.0031	.0032	.0017	.009
%RSD	10.60	1.336	.0601	.0854	2.169	.9167	28.42	20.37	.6569
#1	.0084	.9740	.2295	4.145	.1358	.3371	.0147	.0105	1.325
#2	.0084	.9521	.2296	4.144	.1381	.3401	.0083	.0071	1.342
#3	.0069	.9515	.2293	4.139	.1418	.3339	.0109	.0081	1.328

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0312**	**.0690**	**1.688**	**.0009**	**.3240**	**.0066**	**.5983**	**.1314**
Stddev	.0010	.0003	.010	.0035	.0010	.0023	.0021	.0006
%RSD	3.238	.4100	.5748	366.8	.2939	34.36	.3449	.4474
#1	.0324	.0691	1.693	.0017	.3240	.0045	.5983	.1320
#2	.0308	.0693	1.694	-.0028	.3250	.0090	.5962	.1315
#3	.0305	.0687	1.677	.0040	.3231	.0063	.6004	.1308

Zoom In Zoom Out

Sample Name: jd58498-5 Acquired: 1/16/2023 19:42:18 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7235.6**	**108160.**	**13821.**	**2992.0**
Stddev	7.9	623.	41.	4.8
%RSD	.10872	.57616	.29470	.15903
#1	7243.1	107720.	13774.	2990.5
#2	7236.2	107890.	13851.	2997.4
#3	7227.4	108880.	13837.	2988.3

Zoom In Zoom Out

Sample Name: jd58498-6 Acquired: 1/16/2023 19:47:20 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0028**	**274.1**	**.1932**	**.0847**	**.8406**	**.0558**	**.4551**	**3.025**	**.0121**
Stddev	.0003	.3	.0033	.0015	.0005	.0002	.0036	.005	.0005
%RSD	10.49	.1263	1.719	1.760	.0596	.2855	.7811	.1568	3.782
#1	.0025	274.0	.1912	.0836	.8412	.0559	.4513	3.023	.0119
#2	.0028	274.5	.1914	.0864	.8402	.0556	.4556	3.023	.0118
#3	.0030	273.9	.1971	.0840	.8405	.0559	.4584	3.031	.0126

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7781**	**.1776**	**.4085**	**.2608**	**332.1**	**152.6**	**2.196**	**201.7**	**7.041**
Stddev	.0071	.0008	.0004	.0009	.2	.3	.002	.3	.045
%RSD	.9094	.4577	.0963	.3392	.0658	.1914	.0992	.1733	.6376
#1	.7740	.1770	.4087	.2602	332.2	152.5	2.198	201.8	7.066
#2	.7863	.1772	.4088	.2618	332.3	152.9	2.198	202.0	6.990
#3	.7740	.1785	.4081	.2604	331.9	152.3	2.194	201.3	7.069

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0109**	**.9025**	**.6984**	**3.515**	**.1311**	**.2098**	**.0206**	**.0072**	**1.498**
Stddev	.0003	.0113	.0013	.003	.0016	.0003	.0041	.0052	.003
%RSD	3.015	1.257	.1849	.0836	1.224	.1645	20.08	72.45	.1811
#1	.0106	.9091	.6976	3.511	.1293	.2095	.0229	.0128	1.498
#2	.0111	.8893	.6978	3.517	.1323	.2102	.0232	.0066	1.495
#3	.0111	.9089	.6999	3.516	.1318	.2097	.0159	.0023	1.500

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0443**	**.0281**	**3.213**	**.0126**	**.6416**	**.0121**	**.4812**	**.2219**
Stddev	.0005	.0002	.003	.0032	.0010	.0037	.0007	.0011
%RSD	1.152	.5438	.0880	25.88	.1509	30.26	.1395	.5150
#1	.0445	.0283	3.212	.0163	.6407	.0123	.4806	.2206
#2	.0447	.0281	3.216	.0105	.6426	.0156	.4812	.2229
#3	.0437	.0280	3.210	.0109	.6413	.0083	.4820	.2222

Zoom In Zoom Out

Sample Name: jd58498-6 Acquired: 1/16/2023 19:47:20 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7095.6**	**109310.**	**14065.**	**3015.8**
Stddev	13.3	170.	36.	6.4
%RSD	.18782	.15593	.25473	.21363
#1	7110.0	109410.	14026.	3022.2
#2	7093.3	109400.	14073.	3015.8
#3	7083.6	109110.	14096.	3009.3

Zoom In Zoom Out

Sample Name: jd58498-7 Acquired: 1/16/2023 19:52:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**151.9**	**.1063**	**.0052**	**.2750**	**.0328**	**.1966**	**9.438**	**.0017**
Stddev	.0002	.1	.0006	.0013	.0007	.0001	.0027	.005	.0005
%RSD	19.70	.0920	.6042	25.98	.2406	.2614	1.379	.0580	32.12
#1	-.0010	152.0	.1056	.0066	.2742	.0328	.1995	9.433	.0011
#2	-.0013	152.0	.1066	.0040	.2755	.0329	.1941	9.436	.0022
#3	-.0009	151.8	.1068	.0049	.2752	.0327	.1964	9.444	.0017

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.604**	**.1275**	**.2554**	**.3088**	**372.3**	**14.35**	**.1983**	**17.06**	**.9353**
Stddev	.005	.0004	.0007	.0009	.1	.08	.0023	.07	.0009
%RSD	.2837	.3245	.2861	.2775	.0302	.5560	1.141	.4295	.0936
#1	1.601	.1274	.2553	.3078	372.2	14.44	.1972	17.07	.9344
#2	1.610	.1280	.2547	.3091	372.4	14.28	.2009	16.99	.9356
#3	1.602	.1271	.2562	.3095	372.3	14.32	.1967	17.13	.9360

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039**	**.2392**	**.5106**	**4.995**	**.1153**	**.1428**	**.0176**	**.0014**	**1.176**
Stddev	.0010	.0113	.0007	.009	.0008	.0035	.0043	.0022	.005
%RSD	25.73	4.716	.1421	.1753	.6552	2.427	24.28	159.5	.4337
#1	.0032	.2432	.5098	4.993	.1154	.1439	.0222	-.0010	1.180
#2	.0050	.2265	.5112	5.005	.1159	.1389	.0166	.0033	1.177
#3	.0034	.2480	.5109	4.988	.1144	.1455	.0139	.0018	1.170

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0312**	**.0692**	**1.447**	**.0047**	**.3586**	**.0053**	**.6750**	**.1730**
Stddev	.0011	.0002	.001	.0034	.0012	.0009	.0015	.0008
%RSD	3.678	.3432	.0654	72.62	.3359	16.93	.2191	.4848
#1	.0305	.0693	1.448	.0057	.3572	.0062	.6760	.1721
#2	.0325	.0693	1.447	.0009	.3591	.0051	.6758	.1731
#3	.0305	.0689	1.446	.0074	.3595	.0045	.6733	.1737

Zoom In Zoom Out

Sample Name: jd58498-7 Acquired: 1/16/2023 19:52:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7298.2**	**120260.**	**15288.**	**3307.5**
Stddev	19.7	264.	44.	7.6
%RSD	.27017	.21965	.28794	.22990
#1	7319.4	119990.	15300.	3313.9
#2	7280.3	120520.	15326.	3299.1
#3	7295.0	120290.	15240.	3309.6

Zoom In Zoom Out

Sample Name: jd58498-8 Acquired: 1/16/2023 19:57:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**90.36**	**.1254**	**.0385**	**.3700**	**.1472**	**.3230**	**12.59**	**.0075**
Stddev	.0010	.12	.0001	.0008	.0010	.0003	.0003	.04	.0003
%RSD	172.0	.1348	.0581	1.962	.2699	.2358	.0851	.3091	4.207
#1	.0012	90.39	.1253	.0393	.3706	.1476	.3227	12.57	.0071
#2	.0011	90.22	.1253	.0384	.3688	.1471	.3232	12.57	.0077
#3	-.0006	90.45	.1255	.0378	.3704	.1469	.3230	12.64	.0076

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.128**	**.1395**	**.4536**	**.2467**	**358.4**	**62.36**	**.9338**	**96.92**	**6.796**
Stddev	.007	.0001	.0018	.0005	.7	.02	.0027	.30	.013
%RSD	.5972	.0777	.3943	.2068	.2041	.0337	.2844	.3101	.1854
#1	1.121	.1395	.4525	.2463	358.0	62.38	.9308	96.71	6.783
#2	1.130	.1397	.4527	.2466	358.0	62.33	.9351	96.79	6.797
#3	1.134	.1395	.4557	.2473	359.3	62.36	.9356	97.26	6.808

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040**	**.3945**	**.8096**	**8.809**	**.0897**	**.2177**	**.0183**	**-.0001**	**1.526**
Stddev	.0003	.0158	.0013	.016	.0015	.0049	.0040	.0041	.001
%RSD	7.753	4.013	.1547	.1850	1.707	2.257	21.94	3417.	.0764
#1	.0042	.3830	.8084	8.791	.0880	.2125	.0185	-.0033	1.525
#2	.0036	.4125	.8109	8.820	.0903	.2183	.0142	.0045	1.527
#3	.0042	.3879	.8094	8.817	.0908	.2223	.0222	-.0015	1.526

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0349**	**.0260**	**2.327**	**.0000**	**.5150**	**.0023**	**.5160**	**.1688**
Stddev	.0003	.0002	.003	.0054	.0007	.0034	.0013	.0008
%RSD	.7928	.8021	.1212	84090.	.1435	151.7	.2554	.4766
#1	.0351	.0257	2.324	.0062	.5142	.0024	.5145	.1684
#2	.0346	.0261	2.329	-.0033	.5156	-.0012	.5171	.1697
#3	.0351	.0261	2.328	-.0029	.5154	.0056	.5165	.1682

Zoom In Zoom Out

Sample Name: jd58498-8 Acquired: 1/16/2023 19:57:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7220.2**	**112690.**	**14359.**	**3093.5**
Stddev	3.6	230.	56.	1.8
%RSD	.04920	.20397	.38746	.05922
#1	7223.8	112730.	14401.	3095.5
#2	7216.7	112900.	14379.	3092.0
#3	7220.2	112450.	14296.	3092.9

Zoom In Zoom Out

Sample Name: jd58498-9 Acquired: 1/16/2023 20:02:22 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**184.2**	**.0817**	**.0219**	**.6926**	**.0321**	**.0979**	**9.570**	**.0015**
Stddev	.0008	.2	.0041	.0018	.0007	.0001	.0027	.015	.0004
%RSD	1080.	.1060	5.032	8.072	.1078	.4397	2.795	.1567	24.14
#1	-.0002	184.1	.0805	.0227	.6933	.0320	.0960	9.561	.0013
#2	-.0008	184.4	.0862	.0198	.6918	.0322	.0968	9.587	.0012
#3	.0008	184.1	.0783	.0231	.6928	.0319	.1011	9.562	.0019

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9825**	**.1112**	**.2085**	**.2819**	**289.6**	**13.56**	**.2827**	**21.11**	**7.157**
Stddev	.0010	.0003	.0008	.0026	.3	.04	.0018	.13	.039
%RSD	.1015	.2269	.3738	.9219	.1046	.2840	.6533	.6108	.5412
#1	.9836	.1109	.2079	.2826	289.5	13.52	.2806	21.10	7.151
#2	.9816	.1114	.2083	.2841	289.9	13.60	.2840	21.24	7.198
#3	.9825	.1113	.2094	.2790	289.4	13.56	.2836	20.99	7.121

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0065**	**.7919**	**.3643**	**3.433**	**.1035**	**1.802**	**.0098**	**.0027**	**1.242**
Stddev	.0002	.0252	.0008	.004	.0036	.006	.0017	.0037	.004
%RSD	2.648	3.181	.2303	.1198	3.433	.3224	16.94	136.9	.3008
#1	.0067	.7772	.3641	3.433	.1076	1.801	.0088	-.0010	1.241
#2	.0064	.8210	.3652	3.429	.1019	1.796	.0088	.0026	1.246
#3	.0064	.7775	.3636	3.437	.1010	1.808	.0117	.0065	1.238

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0274**	**.0457**	**.7587**	**-.0017**	**.3141**	**.0040**	**.5208**	**.1344**
Stddev	.0025	.0002	.0023	.0015	.0011	.0022	.0009	.0004
%RSD	9.097	.4087	.2982	88.86	.3490	53.90	.1667	.3121
#1	.0302	.0459	.7578	-.0011	.3144	.0051	.5206	.1343
#2	.0265	.0457	.7613	-.0035	.3150	.0015	.5217	.1348
#3	.0255	.0455	.7570	-.0006	.3129	.0054	.5200	.1340

Zoom In Zoom Out

Sample Name: jd58498-9 Acquired: 1/16/2023 20:02:22 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7250.9**	**111960.**	**14321.**	**3093.1**
Stddev	19.7	380.	67.	6.4
%RSD	.27106	.33925	.46854	.20708
#1	7269.3	112210.	14364.	3099.7
#2	7230.2	111520.	14244.	3086.9
#3	7253.3	112140.	14356.	3092.8

Zoom In Zoom Out

Sample Name: jd58498-10 Acquired: 1/16/2023 20:07:29 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**157.2**	**.0772**	**.0174**	**.3716**	**.0111**	**.1512**	**6.076**	**.0009**
Stddev	.0000	.4	.0030	.0009	.0006	.0001	.0027	.015	.0005
%RSD	6.068	.2480	3.932	5.310	.1528	.7093	1.817	.2496	54.58
#1	.0008	157.6	.0743	.0182	.3722	.0112	.1491	6.093	.0009
#2	.0007	157.1	.0770	.0177	.3710	.0111	.1503	6.071	.0004
#3	.0008	156.9	.0804	.0164	.3715	.0111	.1543	6.064	.0014

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9072**	**.1060**	**.1800**	**.2544**	**306.5**	**11.83**	**.2217**	**33.13**	**3.239**
Stddev	.0018	.0007	.0016	.0010	.8	.06	.0012	.08	.002
%RSD	.1937	.6573	.8674	.4023	.2649	.4701	.5424	.2307	.0632
#1	.9051	.1053	.1785	.2552	307.4	11.81	.2215	33.17	3.238
#2	.9083	.1059	.1816	.2548	306.1	11.80	.2206	33.18	3.238
#3	.9081	.1067	.1799	.2533	306.0	11.90	.2230	33.05	3.242

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0081**	**.7679**	**.2490**	**3.724**	**.1427**	**.3058**	**.0113**	**.0074**	**1.154**
Stddev	.0011	.0192	.0007	.010	.0011	.0024	.0035	.0034	.003
%RSD	13.40	2.500	.2980	.2756	.7900	.7747	30.61	46.23	.2490
#1	.0084	.7888	.2488	3.731	.1440	.3032	.0114	.0102	1.157
#2	.0090	.7510	.2498	3.728	.1421	.3067	.0078	.0036	1.151
#3	.0069	.7638	.2483	3.712	.1420	.3076	.0147	.0084	1.154

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0283**	**.0458**	**1.109**	**.0019**	**.2847**	**.0061**	**.5247**	**.1194**
Stddev	.0017	.0003	.001	.0006	.0002	.0007	.0011	.0003
%RSD	6.052	.5777	.0741	31.80	.0868	11.75	.2188	.2868
#1	.0296	.0461	1.110	.0018	.2844	.0064	.5251	.1194
#2	.0290	.0457	1.109	.0014	.2849	.0065	.5255	.1198
#3	.0264	.0455	1.109	.0026	.2847	.0052	.5233	.1191

Zoom In Zoom Out

Sample Name: jd58498-10 Acquired: 1/16/2023 20:07:29 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7257.7**	**109360.**	**13720.**	**2999.2**
Stddev	18.1	362.	108.	8.0
%RSD	.24995	.33070	.78860	.26682
#1	7245.1	109590.	13599.	2991.9
#2	7249.6	109540.	13751.	2997.9
#3	7278.5	108940.	13809.	3007.8

Zoom In Zoom Out

Sample Name: jd58498-12 Acquired: 1/16/2023 20:12:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**116.5**	**.1351**	**.0386**	**.3539**	**.0481**	**.3088**	**15.00**	**.0024**
Stddev	.0024	3.6	.0017	.0012	.0106	.0014	.0009	.45	.0002
%RSD	107.5	3.063	1.262	3.095	3.006	2.913	.2766	3.001	7.589
#1	-.0002	114.4	.1371	.0389	.3490	.0475	.3098	14.74	.0022
#2	.0023	114.5	.1345	.0373	.3466	.0472	.3081	14.74	.0025
#3	.0045	120.7	.1338	.0397	.3661	.0497	.3085	15.52	.0025

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9940**	**.1405**	**.4759**	**.2088**	**335.1**	**71.54**	**1.139**	**137.7**	**5.839**
Stddev	.0036	.0008	.0007	.0010	10.3	2.25	.032	4.2	.014
%RSD	.3601	.5565	.1426	.4642	3.086	3.146	2.777	3.029	.2330
#1	.9966	.1407	.4754	.2078	329.0	70.14	1.118	135.1	5.827
#2	.9955	.1412	.4755	.2087	329.3	70.35	1.123	135.4	5.837
#3	.9899	.1396	.4766	.2098	347.0	74.14	1.175	142.5	5.854

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044**	**.4021**	**.4453**	**7.243**	**.0881**	**.2185**	**.0156**	**-.0000**	**1.647**
Stddev	.0004	.0269	.0014	.013	.0023	.0012	.0017	.0084	.005
%RSD	8.411	6.702	.3044	.1720	2.645	.5459	10.81	83410.	.3342
#1	.0044	.3790	.4455	7.253	.0885	.2196	.0136	-.0089	1.643
#2	.0047	.3955	.4465	7.247	.0902	.2188	.0162	.0077	1.654
#3	.0040	.4317	.4438	7.229	.0856	.2172	.0168	.0012	1.645

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0311**	**.0291**	**2.227**	**-.0029**	**.5179**	**.0012**	**.3338**	**.1644**
Stddev	.0015	.0011	.004	.0019	.0017	.0046	.0013	.0001
%RSD	4.757	3.634	.1846	67.01	.3214	381.8	.3917	.0509
#1	.0295	.0286	2.223	-.0049	.5167	.0029	.3349	.1644
#2	.0324	.0285	2.231	-.0010	.5171	.0047	.3340	.1645
#3	.0313	.0304	2.229	-.0028	.5198	-.0040	.3323	.1644

Zoom In Zoom Out

Sample Name: jd58498-12 Acquired: 1/16/2023 20:12:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7161.9**	**110930.**	**13850.**	**3042.5**
Stddev	12.2	511.	353.	6.1
%RSD	.17078	.46096	2.5452	.20019
#1	7151.3	111180.	14107.	3036.9
#2	7175.3	111260.	13995.	3049.0
#3	7159.2	110340.	13448.	3041.7

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 20:17:33 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2588**	**39.80**	**2.093**	**2.070**	**2.012**	**2.001**	**2.049**	**38.75**	**2.044**
Stddev	.0007	.05	.005	.003	.003	.001	.004	.02	.002
%RSD	.2739	.1192	.2274	.1582	.1266	.0376	.1764	.0404	.1079
#1	.2585	39.75	2.095	2.071	2.011	2.000	2.048	38.76	2.046
#2	.2596	39.80	2.096	2.072	2.015	2.002	2.053	38.74	2.044
#3	.2583	39.84	2.087	2.066	2.010	2.001	2.046	38.73	2.042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.045**	**2.052**	**2.017**	**2.004**	**38.32**	**40.12**	**2.046**	**38.48**	**2.060**
Stddev	.005	.001	.008	.008	.03	.02	.002	.08	.007
%RSD	.2657	.0644	.3860	.3945	.0667	.0397	.1158	.2151	.3284
#1	2.044	2.052	2.011	1.997	38.29	40.13	2.044	38.58	2.054
#2	2.051	2.053	2.026	2.012	38.33	40.10	2.049	38.41	2.068
#3	2.040	2.050	2.015	2.002	38.34	40.13	2.045	38.46	2.058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.120**	**40.56**	**2.056**	**2.061**	**2.064**	**2.073**	**2.094**	**2.037**	**5.043**
Stddev	.003	.05	.001	.006	.003	.003	.002	.004	.007
%RSD	.1353	.1270	.0454	.3095	.1374	.1295	.1075	.1850	.1315
#1	2.124	40.58	2.057	2.061	2.068	2.075	2.097	2.041	5.051
#2	2.120	40.59	2.055	2.068	2.062	2.072	2.093	2.035	5.040
#3	2.118	40.50	2.055	2.055	2.064	2.070	2.094	2.035	5.039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 20:17:33 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.120**	**2.059**	**2.074**	**2.074**	**2.019**	**2.125**	**1.990**	**2.068**
Stddev	.005	.002	.007	.001	.007	.003	.002	.007
%RSD	.2254	.1088	.3207	.0508	.3287	.1274	.1151	.3404
#1	2.124	2.058	2.069	2.074	2.015	2.128	1.993	2.065
#2	2.115	2.061	2.082	2.073	2.027	2.124	1.989	2.076
#3	2.122	2.057	2.071	2.075	2.016	2.123	1.989	2.064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7046.2**	**105490.**	**13532.**	**2914.0**
Stddev	4.8	520.	74.	3.9
%RSD	.06771	.49260	.54631	.13332
#1	7040.8	106000.	13447.	2909.5
#2	7050.1	104960.	13576.	2916.3
#3	7047.5	105520.	13573.	2916.2

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 20:22:25 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0005**	**-.0004**	**.0023**	**.0002**	**.0000**	**.0005**	**.0119**	**.0002**
Stddev	.0002	.0146	.0011	.0003	.0000	.0000	.0010	.0036	.0003
%RSD	13.38	2937.	275.4	11.24	7.820	115.5	194.5	30.42	142.2
#1	-.0015	-.0069	-.0016	.0024	.0002	.0001	-.0001	.0142	.0006
#2	-.0012	-.0089	.0003	.0026	.0002	-.0000	.0017	.0077	-.0000
#3	-.0012	.0173	.0002	.0020	.0002	.0000	-.0000	.0138	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**.0001**	**-.0003**	**-.0001**	**-.0003**	**-.0182**	**.0014**	**-.0249**	**.0000**
Stddev	.0010	.0002	.0002	.0001	.0026	.0215	.0014	.0231	.0000
%RSD	73.21	197.6	74.21	150.4	941.1	118.3	98.19	92.86	246.7
#1	-.0025	-.0001	-.0002	-.0002	-.0027	-.0005	-.0002	-.0017	-.0000
#2	-.0004	.0002	-.0002	.0000	.0024	-.0422	.0025	-.0249	.0000
#3	-.0012	.0002	-.0006	-.0000	-.0006	-.0119	.0019	-.0479	.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0706**	**-.0000**	**-.0040**	**.0014**	**.0003**	**.0007**	**-.0004**	**.0038**
Stddev	.0003	.0047	.0004	.0013	.0007	.0027	.0006	.0019	.0018
%RSD	109.3	6.599	910.4	32.95	49.56	999.2	81.62	503.5	47.22
#1	.0005	.0745	-.0003	-.0025	.0018	-.0024	.0003	-.0022	.0031
#2	-.0000	.0655	.0004	-.0045	.0006	.0030	.0004	.0016	.0058
#3	.0003	.0719	-.0003	-.0050	.0017	.0002	.0014	-.0006	.0024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 20:22:25 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0001**	**.0002**	**-.0007**	**-.0002**	**.0005**	**.0004**	**.0001**
Stddev	.0001	.0000	.0001	.0017	.0001	.0018	.0001	.0002
%RSD	25.51	38.24	41.57	265.4	55.58	404.1	34.30	182.2
#1	.0005	.0001	.0002	-.0000	-.0001	.0017	.0004	.0001
#2	.0003	.0000	.0002	-.0026	-.0003	.0013	.0003	-.0001
#3	.0004	.0001	.0004	.0007	-.0003	-.0017	.0005	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7274.3**	**108910.**	**13437.**	**2959.3**
Stddev	13.0	389.	38.	5.1
%RSD	.17839	.35752	.28493	.17173
#1	7274.2	108480.	13407.	2961.3
#2	7261.4	109240.	13480.	2953.5
#3	7287.4	109020.	13424.	2963.0

Zoom In Zoom Out

Sample Name: mp37398-mb1 Acquired: 1/16/2023 20:27:39 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0008**	**.0002**	**.0017**	**.0003**	**.0000**	**.0003**	**.0127**	**.0000**
Stddev	.0001	.0073	.0018	.0011	.0001	.0001	.0005	.0017	.0001
%RSD	17.29	892.3	986.5	66.29	47.89	897.4	187.3	13.62	512.0
#1	-.0005	.0064	-.0008	.0025	.0003	.0000	.0002	.0144	.0001
#2	-.0005	.0034	-.0009	.0004	.0002	.0001	.0007	.0109	-.0001
#3	-.0004	-.0074	.0022	.0021	.0004	-.0001	-.0002	.0127	.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**-.0000**	**-.0000**	**.0009**	**.0025**	**-.0279**	**-.0003**	**-.0053**	**.0005**
Stddev	.0012	.0003	.0003	.0000	.0020	.0366	.0016	.0215	.0000
%RSD	275.1	7698.	1191.	4.274	78.46	131.3	644.4	404.1	4.401
#1	-.0009	-.0002	-.0004	.0009	.0023	-.0668	.0016	.0157	.0005
#2	.0013	-.0001	.0003	.0009	.0046	-.0226	-.0008	-.0045	.0005
#3	.0009	.0003	.0000	.0010	.0006	.0058	-.0015	-.0272	.0004

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0340**	**.0001**	**-.0025**	**.0000**	**.0055**	**.0016**	**-.0003**	**.0220**
Stddev	.0003	.0077	.0001	.0015	.0004	.0022	.0011	.0010	.0004
%RSD	232.8	22.65	102.2	59.15	876.4	39.50	65.11	341.5	1.877
#1	.0000	.0345	.0001	-.0037	-.0002	.0077	.0027	.0003	.0224
#2	-.0001	.0414	.0002	-.0031	-.0002	.0054	.0015	-.0015	.0216
#3	.0004	.0261	.0000	-.0008	.0006	.0034	.0006	.0002	.0219

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0001**	**.0004**	**-.0013**	**-.0000**	**.0007**	**.0033**	**.0001**
Stddev	.0014	.0001	.0002	.0010	.0001	.0014	.0001	.0001
%RSD	208.2	254.1	57.11	71.78	255.7	201.2	3.297	71.61
#1	-.0007	-.0001	.0002	-.0003	-.0001	.0018	.0033	.0000
#2	.0005	.0000	.0005	-.0014	-.0001	-.0009	.0034	.0002
#3	.0021	.0002	.0006	-.0022	.0001	.0013	.0031	.0001

Zoom In Zoom Out

Sample Name: mp37398-mb1 Acquired: 1/16/2023 20:27:39 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7323.7**	**109380.**	**13515.**	**2981.9**
Stddev	8.8	55.	73.	4.2
%RSD	.11958	.05069	.53769	.14110
#1	7327.7	109320.	13508.	2982.0
#2	7313.6	109410.	13592.	2977.7
#3	7329.6	109420.	13447.	2986.1

Zoom In Zoom Out

Sample Name: mp37398-b1 Acquired: 1/16/2023 20:32:53 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2491**	**25.63**	**2.001**	**1.969**	**1.943**	**1.940**	**.2961**	**25.15**	**1.958**
Stddev	.0008	.04	.005	.004	.005	.001	.0006	.02	.005
%RSD	.3281	.1561	.2675	.2115	.2399	.0715	.2037	.0755	.2714
#1	.2494	25.62	1.995	1.964	1.942	1.940	.2964	25.13	1.952
#2	.2497	25.59	2.002	1.971	1.940	1.939	.2965	25.15	1.960
#3	.2482	25.67	2.005	1.971	1.949	1.942	.2954	25.17	1.963

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052**	**1.975**	**1.932**	**1.904**	**24.88**	**26.04**	**2.168**	**25.15**	**1.979**
Stddev	.0036	.003	.006	.003	.02	.11	.001	.04	.005
%RSD	69.92	.1651	.3165	.1388	.0741	.4367	.0508	.1766	.2436
#1	.0044	1.971	1.928	1.904	24.87	25.93	2.167	25.11	1.977
#2	.0020	1.977	1.929	1.907	24.86	26.04	2.168	25.20	1.975
#3	.0091	1.977	1.939	1.902	24.90	26.15	2.169	25.14	1.984

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.990**	**26.37**	**1.978**	**1.964**	**1.987**	**.0114**	**1.957**	**1.943**	**.0521**
Stddev	.005	.07	.003	.005	.001	.0020	.001	.006	.0009
%RSD	.2603	.2814	.1482	.2729	.0455	17.45	.0699	.3098	1.773
#1	1.985	26.34	1.975	1.958	1.986	.0134	1.957	1.937	.0511
#2	1.991	26.32	1.978	1.964	1.988	.0094	1.959	1.943	.0523
#3	1.996	26.46	1.981	1.968	1.987	.0115	1.956	1.949	.0529

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.995**	**1.991**	**1.916**	**1.998**	**1.932**	**1.970**	**1.921**	**1.910**
Stddev	.007	.005	.002	.006	.003	.006	.007	.002
%RSD	.3515	.2355	.1264	.2783	.1659	.2962	.3501	.1098
#1	1.987	1.990	1.914	1.992	1.929	1.964	1.914	1.907
#2	1.995	1.988	1.915	2.003	1.932	1.972	1.923	1.911
#3	2.001	1.997	1.918	1.998	1.935	1.975	1.927	1.911

Zoom In Zoom Out

Sample Name: mp37398-b1 Acquired: 1/16/2023 20:32:53 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7128.0**	**107300.**	**13397.**	**2932.9**
Stddev	23.0	728.	15.	12.2
%RSD	.32220	.67842	.10979	.41641
#1	7154.4	107680.	13383.	2946.8
#2	7117.0	107760.	13395.	2928.2
#3	7112.6	106460.	13412.	2923.7

Zoom In Zoom Out

Sample Name: mp37398-s1 Acquired: 1/16/2023 20:37:45 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2422**	**25.06**	**1.961**	**2.083**	**1.973**	**1.838**	**.2845**	**177.0**	**1.900**
Stddev	.0006	.05	.005	.003	.004	.004	.0011	.2	.005
%RSD	.2287	.1970	.2370	.1581	.2051	.1944	.3851	.1206	.2673
#1	.2428	25.06	1.956	2.083	1.969	1.835	.2847	176.8	1.895
#2	.2418	25.11	1.961	2.079	1.977	1.842	.2855	177.2	1.904
#3	.2421	25.01	1.965	2.086	1.974	1.837	.2834	177.0	1.903

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0120**	**1.867**	**1.821**	**1.851**	**31.40**	**44.14**	**2.212**	**32.81**	**2.209**
Stddev	.0028	.002	.002	.002	.06	.07	.005	.13	.003
%RSD	23.13	.1117	.0845	.1123	.1830	.1598	.2228	.4027	.1210
#1	.0144	1.865	1.822	1.851	31.34	44.08	2.207	32.66	2.212
#2	.0127	1.868	1.821	1.853	31.45	44.22	2.216	32.91	2.207
#3	.0089	1.869	1.819	1.849	31.42	44.11	2.214	32.86	2.208

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.911**	**114.0**	**1.869**	**2.474**	**1.872**	F **134.3**	**1.907**	**1.900**	**11.31**
Stddev	.001	.2	.003	.006	.001	.2	.004	.001	.02
%RSD	.0756	.1885	.1365	.2619	.0464	.1275	.2078	.0745	.1428
#1	1.910	113.8	1.867	2.467	1.871	134.2	1.903	1.898	11.30
#2	1.912	114.2	1.872	2.477	1.873	134.3	1.907	1.901	11.33
#3	1.912	114.0	1.868	2.479	1.872	134.5	1.910	1.899	11.32

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.881**	**2.303**	**1.826**	**1.869**	**1.842**	**1.883**	**1.810**	**1.827**
Stddev	.004	.004	.002	.007	.001	.002	.003	.000
%RSD	.2133	.1677	.1214	.3842	.0460	.1230	.1761	.0232
#1	1.878	2.300	1.829	1.863	1.843	1.880	1.807	1.827
#2	1.886	2.307	1.825	1.869	1.843	1.883	1.813	1.828
#3	1.881	2.301	1.825	1.877	1.842	1.885	1.812	1.828

Zoom In Zoom Out

Sample Name: mp37398-s1 Acquired: 1/16/2023 20:37:45 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6873.6**	**104580.**	**13283.**	**2840.4**
Stddev	8.9	108.	21.	3.9
%RSD	.13010	.10290	.15436	.13802
#1	6877.2	104460.	13306.	2843.9
#2	6863.4	104610.	13277.	2836.2
#3	6880.1	104670.	13267.	2841.3

Zoom In Zoom Out

Sample Name: mp37398-s2 Acquired: 1/16/2023 20:42:35 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2418**	**25.09**	**1.967**	**2.092**	**1.975**	**1.836**	**.2821**	**177.5**	**1.904**
Stddev	.0007	.09	.007	.002	.004	.004	.0006	.4	.003
%RSD	.2811	.3699	.3518	.0955	.2073	.2478	.2023	.2004	.1288
#1	.2411	25.18	1.974	2.094	1.979	1.841	.2815	177.9	1.906
#2	.2419	25.00	1.965	2.092	1.971	1.833	.2826	177.2	1.904
#3	.2425	25.08	1.961	2.090	1.973	1.834	.2822	177.5	1.901

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0116**	**1.869**	**1.819**	**1.848**	**31.41**	**44.30**	**2.217**	**32.88**	**2.208**
Stddev	.0026	.004	.004	.009	.08	.04	.006	.12	.006
%RSD	22.39	.2201	.1900	.4581	.2596	.0863	.2617	.3799	.2690
#1	.0144	1.874	1.819	1.844	31.51	44.34	2.223	33.00	2.209
#2	.0111	1.868	1.816	1.842	31.36	44.28	2.212	32.75	2.202
#3	.0092	1.866	1.822	1.858	31.37	44.27	2.215	32.90	2.214

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.910**	**114.6**	**1.872**	**2.480**	**1.875**	F **135.5**	**1.911**	**1.906**	**11.46**
Stddev	.002	.2	.005	.007	.006	.2	.005	.003	.02
%RSD	.1179	.1730	.2915	.2740	.3122	.1665	.2804	.1469	.1669
#1	1.913	114.8	1.878	2.487	1.880	135.7	1.917	1.909	11.48
#2	1.910	114.4	1.871	2.474	1.875	135.5	1.908	1.905	11.46
#3	1.908	114.6	1.868	2.479	1.868	135.3	1.907	1.903	11.44

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.880**	**2.305**	**1.823**	**1.876**	**1.839**	**1.886**	**1.811**	**1.822**
Stddev	.003	.004	.004	.012	.003	.005	.005	.005
%RSD	.1368	.1854	.2485	.6310	.1849	.2704	.2911	.2963
#1	1.883	2.310	1.821	1.888	1.839	1.890	1.815	1.818
#2	1.878	2.302	1.820	1.877	1.835	1.887	1.814	1.818
#3	1.878	2.303	1.828	1.864	1.842	1.880	1.805	1.828

Zoom In Zoom Out

Sample Name: mp37398-s2 Acquired: 1/16/2023 20:42:35 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6873.1**	**104600.**	**13350.**	**2840.7**
Stddev	17.6	331.	35.	5.2
%RSD	.25565	.31604	.26513	.18260
#1	6856.4	104510.	13321.	2836.2
#2	6871.5	104960.	13389.	2839.4
#3	6891.5	104320.	13340.	2846.3

Zoom In Zoom Out

Sample Name: jd58263-8 Acquired: 1/16/2023 20:47:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.3540**	**.0081**	**.1796**	**.1103**	**.0002**	**.0008**	**150.8**	**.0001**
Stddev	.0005	.0140	.0024	.0009	.0005	.0000	.0009	.2	.0002
%RSD	58.14	3.968	29.94	.4805	.4356	10.80	122.4	.1431	305.7
#1	-.0013	.3626	.0093	.1806	.1108	.0002	-.0002	151.0	-.0001
#2	-.0006	.3616	.0096	.1793	.1098	.0002	.0016	150.6	.0001
#3	-.0005	.3378	.0053	.1790	.1102	.0002	.0008	150.8	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0082**	**-.0001**	**.0015**	**.0052**	**7.839**	**18.55**	**.0944**	**9.314**	**.3471**
Stddev	.0025	.0004	.0003	.0002	.008	.07	.0020	.031	.0013
%RSD	30.75	294.6	18.48	3.824	.1014	.3632	2.098	.3340	.3627
#1	.0080	-.0005	.0015	.0054	7.842	18.62	.0928	9.348	.3472
#2	.0108	-.0001	.0018	.0050	7.830	18.56	.0939	9.288	.3483
#3	.0058	.0002	.0012	.0051	7.845	18.48	.0966	9.305	.3458

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0169**	**86.79**	**.0015**	**.5492**	**.0018**	F **131.9**	**.0021**	**.0031**	**10.45**
Stddev	.0003	.20	.0002	.0023	.0004	.3	.0012	.0023	.01
%RSD	1.876	.2277	12.72	.4177	21.42	.1918	57.54	75.27	.1340
#1	.0165	87.00	.0014	.5510	.0017	131.7	.0016	.0032	10.44
#2	.0171	86.61	.0017	.5499	.0022	132.2	.0036	.0007	10.46
#3	.0170	86.75	.0013	.5466	.0015	131.7	.0013	.0054	10.43

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0030**	**.3984**	**.0078**	**.0048**	**.0039**	**.0032**	**.1115**	**-.0054**
Stddev	.0003	.0010	.0003	.0019	.0000	.0005	.0006	.0000
%RSD	8.760	.2395	4.381	40.41	.7870	15.25	.5243	.8451
#1	-.0032	.3994	.0079	.0070	.0039	.0032	.1108	-.0054
#2	-.0027	.3976	.0081	.0039	.0039	.0026	.1120	-.0054
#3	-.0032	.3982	.0074	.0034	.0039	.0036	.1116	-.0053

Zoom In Zoom Out

Sample Name: jd58263-8 Acquired: 1/16/2023 20:47:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6963.0**	**105990.**	**13313.**	**2874.8**
Stddev	3.4	789.	70.	4.3
%RSD	.04836	.74439	.52365	.14931
#1	6962.2	105650.	13322.	2875.8
#2	6960.2	105430.	13378.	2870.1
#3	6966.8	106890.	13239.	2878.5

Zoom In Zoom Out

Sample Name: mp37398-sd1 Acquired: 1/16/2023 20:52:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0041**	**.3627**	**.0028**	**.1947**	**.1125**	**.0002**	**-.0018**	**154.1**	**.0006**
Stddev	.0019	.0523	.0036	.0051	.0006	.0001	.0008	.5	.0006
%RSD	46.24	14.42	128.4	2.600	.5349	26.04	45.36	.3186	98.14
#1	-.0043	.3362	-.0002	.1976	.1131	.0002	-.0009	153.5	.0000
#2	-.0021	.4230	.0018	.1889	.1119	.0003	-.0023	154.5	.0013
#3	-.0059	.3289	.0067	.1977	.1126	.0002	-.0023	154.3	.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0230**	**-.0021**	**-.0003**	**.0062**	**8.098**	**18.63**	**.0992**	**9.653**	**.3598**
Stddev	.0068	.0013	.0011	.0016	.037	.30	.0013	.113	.0006
%RSD	29.41	60.94	329.1	26.35	.4529	1.587	1.352	1.171	.1634
#1	.0189	-.0034	.0009	.0076	8.074	18.64	.1004	9.528	.3592
#2	.0308	-.0008	-.0006	.0044	8.140	18.33	.0977	9.683	.3601
#3	.0193	-.0022	-.0012	.0064	8.080	18.92	.0995	9.748	.3603

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0169**	**88.00**	**.0007**	**.5314**	**.0035**	**132.8**	**.0025**	**.0077**	**10.46**
Stddev	.0016	.32	.0013	.0103	.0041	.4	.0014	.0157	.01
%RSD	9.597	.3668	192.2	1.935	116.4	.2936	54.94	203.2	.1338
#1	.0188	87.68	.0021	.5374	.0074	132.3	.0029	-.0073	10.44
#2	.0157	88.32	.0003	.5372	.0041	133.1	.0010	.0241	10.47
#3	.0164	88.01	-.0004	.5195	-.0008	132.8	.0037	.0064	10.46

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0081**	**.4086**	**.0086**	**.0017**	**.0036**	**.0015**	**.1150**	**-.0056**
Stddev	.0028	.0015	.0009	.0183	.0013	.0029	.0008	.0003
%RSD	35.10	.3695	10.92	1052.	35.54	190.5	.6720	5.014
#1	-.0103	.4072	.0076	.0049	.0024	.0002	.1152	-.0059
#2	-.0092	.4102	.0095	-.0180	.0050	.0048	.1157	-.0055
#3	-.0049	.4084	.0087	.0183	.0036	-.0004	.1142	-.0054

Zoom In Zoom Out

Sample Name: mp37398-sd1 Acquired: 1/16/2023 20:52:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7209.0**	**107600.**	**13291.**	**2945.1**
Stddev	14.2	197.	97.	5.6
%RSD	.19753	.18284	.72682	.18905
#1	7198.1	107830.	13381.	2943.1
#2	7203.8	107500.	13304.	2940.8
#3	7225.1	107470.	13189.	2951.4

Zoom In Zoom Out

Sample Name: jd58263-7 Acquired: 1/16/2023 20:57:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0439**	**.0025**	**.0428**	**.4476**	**.0001**	**.0012**	**127.2**	**-.0002**
Stddev	.0001	.0042	.0010	.0005	.0002	.0001	.0009	.2	.0002
%RSD	7.815	9.654	40.03	1.102	.0529	73.49	77.06	.1432	94.46
#1	-.0008	.0446	.0030	.0430	.4475	.0001	.0011	127.1	-.0003
#2	-.0008	.0393	.0013	.0432	.4475	.0001	.0003	127.1	-.0000
#3	-.0009	.0477	.0030	.0423	.4479	.0002	.0022	127.4	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0078**	**-.0004**	**.0009**	**.0025**	**10.47**	**1.904**	**.0595**	**39.56**	**.0738**
Stddev	.0046	.0002	.0002	.0002	.03	.016	.0011	.13	.0003
%RSD	59.18	61.56	24.39	8.035	.2841	.8582	1.768	.3289	.4735
#1	.0051	-.0007	.0007	.0026	10.47	1.910	.0588	39.59	.0735
#2	.0052	-.0003	.0011	.0025	10.44	1.917	.0607	39.42	.0741
#3	.0132	-.0002	.0009	.0023	10.50	1.886	.0591	39.68	.0736

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**48.88**	**.0004**	**.0390**	**.0021**	**8.727**	**-.0001**	**-.0018**	**10.09**
Stddev	.0001	.08	.0001	.0013	.0010	.013	.0009	.0035	.01
%RSD	116.4	.1736	23.58	3.363	46.81	.1527	957.0	197.7	.0493
#1	.0001	48.79	.0004	.0382	.0023	8.719	-.0007	.0001	10.08
#2	.0002	48.89	.0003	.0383	.0010	8.742	.0010	.0004	10.09
#3	-.0000	48.96	.0004	.0405	.0029	8.719	-.0006	-.0058	10.08

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0045**	**.3131**	**.0008**	**.0031**	**.0039**	**.0004**	**.0030**	**-.0064**
Stddev	.0006	.0006	.0000	.0025	.0002	.0013	.0001	.0001
%RSD	14.40	.1906	4.120	83.04	4.362	368.8	4.217	2.066
#1	-.0038	.3126	.0008	.0006	.0041	-.0011	.0031	-.0063
#2	-.0044	.3130	.0008	.0028	.0039	.0016	.0030	-.0065
#3	-.0051	.3138	.0008	.0057	.0038	.0006	.0029	-.0063

Zoom In Zoom Out

Sample Name: jd58263-7 Acquired: 1/16/2023 20:57:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6994.5**	**105810.**	**13339.**	**2881.8**
Stddev	9.6	223.	63.	7.4
%RSD	.13687	.21089	.47523	.25689
#1	6994.6	105570.	13378.	2886.1
#2	6984.9	105870.	13374.	2873.2
#3	7004.1	106000.	13266.	2886.0

Zoom In Zoom Out

Sample Name: jd58263-9 Acquired: 1/16/2023 21:02:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0766**	**.0027**	**.1096**	**.0164**	**.0001**	**.0026**	F **357.7**	**-.0000**
Stddev	.0005	.0058	.0010	.0010	.0003	.0001	.0007	2.7	.0001
%RSD	413.5	7.594	36.74	.9012	1.627	69.89	27.28	.7640	2928.
#1	-.0003	.0754	.0033	.1090	.0167	.0000	.0029	355.9	.0001
#2	-.0005	.0714	.0032	.1107	.0161	.0002	.0031	356.3	-.0001
#3	.0004	.0829	.0015	.1090	.0165	.0001	.0018	360.9	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0115**	**.0006**	**.0013**	**.0025**	**.6487**	**9.653**	**2.095**	**189.7**	**2.353**
Stddev	.0021	.0003	.0002	.0002	.0037	.024	.001	.3	.001
%RSD	17.87	48.32	17.03	8.434	.5736	.2441	.0388	.1665	.0248
#1	.0122	.0003	.0015	.0023	.6475	9.626	2.094	189.3	2.352
#2	.0132	.0005	.0014	.0025	.6529	9.670	2.095	189.8	2.353
#3	.0092	.0009	.0011	.0027	.6457	9.663	2.094	190.0	2.353

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	F **409.0**	**.0022**	**.0458**	**-.0006**	F **468.6**	**.0083**	**.0150**	**13.41**
Stddev	.0004	1.5	.0003	.0014	.0008	.9	.0014	.0051	.02
%RSD	48.06	.3621	14.92	3.105	135.6	.1928	17.19	34.02	.1680
#1	.0008	408.9	.0018	.0471	-.0013	469.1	.0098	.0110	13.43
#2	.0014	407.6	.0025	.0458	-.0006	469.0	.0070	.0207	13.42
#3	.0006	410.6	.0023	.0443	.0002	467.5	.0081	.0132	13.39

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0044**	**.9010**	**.0014**	**.0094**	**.0013**	**.0023**	**.0024**	**-.0051**
Stddev	.0016	.0008	.0003	.0014	.0001	.0012	.0001	.0001
%RSD	35.67	.0865	17.88	14.58	7.372	51.66	5.486	2.826
#1	-.0055	.9016	.0012	.0110	.0014	.0021	.0022	-.0051
#2	-.0026	.9001	.0017	.0085	.0013	.0012	.0024	-.0052
#3	-.0052	.9014	.0014	.0087	.0012	.0036	.0025	-.0049

Zoom In Zoom Out

Sample Name: jd58263-9 Acquired: 1/16/2023 21:02:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6520.2**	**101310.**	**13019.**	**2721.4**
Stddev	12.2	106.	56.	6.6
%RSD	.18670	.10486	.42743	.24104
#1	6507.4	101190.	13070.	2717.8
#2	6521.5	101380.	13028.	2717.5
#3	6531.6	101370.	12960.	2729.0

Zoom In Zoom Out

Sample Name: jd58456-1 Acquired: 1/16/2023 21:08:00 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0005**	**.0030**	**.0335**	**.0129**	**.0000**	**-.0010**	**19.77**	**.0002**
Stddev	.0002	.0101	.0005	.0016	.0001	.0000	.0017	.07	.0003
%RSD	19.62	2111.	17.56	4.842	.5029	191.0	171.0	.3727	135.2
#1	-.0014	.0014	.0025	.0318	.0128	.0000	-.0029	19.77	.0006
#2	-.0010	-.0100	.0036	.0349	.0130	.0001	.0003	19.84	-.0001
#3	-.0009	.0101	.0030	.0339	.0129	-.0000	-.0004	19.70	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**-.0007**	**-.0003**	**.0005**	**.0765**	**1.984**	**.0039**	**3.512**	**.0016**
Stddev	.0031	.0003	.0002	.0002	.0034	.042	.0008	.052	.0000
%RSD	262.5	49.81	66.78	43.06	4.449	2.139	20.32	1.476	1.358
#1	-.0024	-.0004	-.0001	.0003	.0732	1.986	.0033	3.507	.0017
#2	.0033	-.0010	-.0005	.0007	.0763	1.940	.0036	3.566	.0016
#3	.0026	-.0005	-.0003	.0005	.0800	2.025	.0048	3.463	.0016

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**90.89**	**.0022**	**.0033**	**.0021**	**27.71**	**.0016**	**.0009**	**5.477**
Stddev	.0002	.29	.0003	.0010	.0010	.06	.0005	.0020	.007
%RSD	54.62	.3238	14.98	29.39	50.58	.2307	31.78	213.8	.1366
#1	.0007	90.74	.0023	.0026	.0017	27.79	.0019	.0025	5.483
#2	.0003	91.22	.0025	.0044	.0032	27.67	.0010	-.0013	5.469
#3	.0003	90.69	.0018	.0029	.0012	27.69	.0019	.0016	5.479

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0022**	**.1139**	**.0001**	**-.0002**	**.0001**	**-.0011**	**.0013**	**-.0033**
Stddev	.0007	.0004	.0003	.0005	.0001	.0023	.0001	.0001
%RSD	30.33	.3122	332.5	306.4	75.47	206.9	10.64	4.123
#1	-.0021	.1138	.0002	.0004	.0001	-.0005	.0014	-.0034
#2	-.0029	.1143	-.0002	-.0002	.0001	-.0036	.0012	-.0034
#3	-.0016	.1137	.0003	-.0006	.0000	.0008	.0014	-.0032

Zoom In Zoom Out

Sample Name: jd58456-1 Acquired: 1/16/2023 21:08:00 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7109.5**	**107650.**	**13268.**	**2931.2**
Stddev	37.5	795.	71.	12.4
%RSD	.52771	.73842	.53552	.42285
#1	7068.6	108560.	13288.	2916.9
#2	7117.7	107220.	13189.	2937.5
#3	7142.3	107160.	13327.	2939.1

Zoom In Zoom Out

Sample Name: jd58456-2 Acquired: 1/16/2023 21:13:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0070**	**.0014**	**.0251**	**.0137**	**.0000**	**-.0014**	**19.57**	**.0000**
Stddev	.0002	.0033	.0010	.0008	.0001	.0001	.0002	.08	.0002
%RSD	30.45	46.61	72.86	3.262	1.001	431.3	16.16	.4190	738.8
#1	-.0006	.0108	.0010	.0254	.0138	.0001	-.0016	19.51	-.0001
#2	-.0009	.0050	.0026	.0258	.0139	-.0001	-.0014	19.66	.0002
#3	-.0005	.0052	.0007	.0242	.0136	.0001	-.0012	19.52	.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037**	**-.0005**	**-.0002**	**.0013**	**.2780**	**1.877**	**.0047**	**3.576**	**.0350**
Stddev	.0020	.0004	.0001	.0002	.0030	.039	.0007	.019	.0001
%RSD	53.37	75.75	63.58	12.10	1.091	2.060	15.56	.5331	.3207
#1	.0056	-.0004	-.0003	.0015	.2762	1.838	.0054	3.582	.0351
#2	.0039	-.0002	-.0001	.0012	.2815	1.916	.0039	3.591	.0349
#3	.0017	-.0009	-.0003	.0013	.2763	1.877	.0048	3.554	.0350

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**89.73**	**.0008**	**.0094**	**.0022**	**27.31**	**.0009**	**.0010**	**5.358**
Stddev	.0002	.29	.0001	.0012	.0007	.05	.0011	.0009	.005
%RSD	55.74	.3208	13.76	12.75	32.91	.1838	128.2	83.33	.0884
#1	.0006	89.42	.0010	.0090	.0019	27.35	-.0003	.0005	5.360
#2	.0003	89.99	.0008	.0085	.0031	27.26	.0009	.0020	5.353
#3	.0002	89.78	.0007	.0107	.0017	27.34	.0019	.0006	5.362

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.1081**	**-.0000**	**-.0001**	**.0000**	**.0009**	**.0016**	**-.0032**
Stddev	.0001	.0006	.0003	.0009	.0002	.0008	.0002	.0002
%RSD	14.93	.5220	2187.	961.9	786.8	89.93	9.461	5.607
#1	-.0010	.1075	.0003	-.0004	-.0001	.0013	.0018	-.0033
#2	-.0008	.1086	-.0003	-.0008	-.0000	.0013	.0017	-.0030
#3	-.0008	.1082	-.0001	.0009	.0003	-.0000	.0015	-.0034

Zoom In Zoom Out

Sample Name: jd58456-2 Acquired: 1/16/2023 21:13:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7122.7**	**107480.**	**13325.**	**2933.1**
Stddev	15.5	252.	129.	3.8
%RSD	.21720	.23431	.97014	.12878
#1	7118.1	107190.	13265.	2930.8
#2	7110.0	107610.	13237.	2931.0
#3	7139.9	107640.	13474.	2937.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 21:18:18 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2583**	**40.05**	**2.098**	**2.070**	**2.021**	**2.006**	**2.044**	**38.94**	**2.044**
Stddev	.0008	.05	.004	.003	.003	.003	.003	.05	.002
%RSD	.2913	.1301	.1984	.1316	.1233	.1419	.1396	.1336	.1139
#1	.2575	40.02	2.097	2.067	2.020	2.005	2.042	39.00	2.045
#2	.2586	40.01	2.103	2.072	2.019	2.004	2.047	38.89	2.046
#3	.2589	40.10	2.095	2.072	2.024	2.009	2.043	38.93	2.042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.043**	**2.052**	**2.015**	**2.003**	**38.46**	**40.58**	**2.060**	**38.83**	**2.059**
Stddev	.003	.001	.003	.004	.05	.04	.003	.11	.002
%RSD	.1558	.0257	.1486	.2038	.1273	.1098	.1284	.2704	.0929
#1	2.040	2.053	2.019	1.998	38.51	40.61	2.057	38.93	2.061
#2	2.044	2.052	2.014	2.004	38.41	40.53	2.060	38.84	2.059
#3	2.046	2.052	2.013	2.006	38.45	40.61	2.063	38.72	2.057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.121**	**40.85**	**2.056**	**2.063**	**2.069**	**2.066**	**2.092**	**2.030**	**5.042**
Stddev	.004	.04	.002	.007	.004	.003	.006	.004	.007
%RSD	.1814	.0939	.0968	.3444	.1863	.1567	.3086	.1911	.1464
#1	2.120	40.85	2.058	2.065	2.071	2.066	2.090	2.029	5.046
#2	2.125	40.81	2.056	2.068	2.072	2.069	2.099	2.035	5.047
#3	2.118	40.88	2.054	2.055	2.065	2.063	2.086	2.028	5.034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 21:18:18 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.125**	**2.069**	**2.073**	**2.075**	**2.018**	**2.130**	**1.997**	**2.064**
Stddev	.008	.003	.002	.005	.000	.006	.006	.003
%RSD	.3882	.1198	.0813	.2643	.0217	.2648	.3276	.1515
#1	2.125	2.068	2.073	2.082	2.017	2.133	2.000	2.060
#2	2.133	2.067	2.075	2.072	2.018	2.133	2.002	2.065
#3	2.117	2.072	2.072	2.072	2.017	2.123	1.990	2.066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7042.0**	**106060.**	**13198.**	**2910.1**
Stddev	12.0	498.	128.	7.4
%RSD	.17089	.46958	.96671	.25260
#1	7029.0	105480.	13069.	2905.8
#2	7044.4	106380.	13199.	2905.9
#3	7052.8	106310.	13324.	2918.6

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 21:23:09 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**-.0125**	**.0011**	**.0038**	**.0000**	**-.0000**	**-.0004**	**.0104**	**.0001**
Stddev	.0006	.0102	.0003	.0007	.0001	.0001	.0005	.0018	.0002
%RSD	110.8	81.80	30.57	18.77	507.9	531.4	122.5	17.25	196.7
#1	-.0006	-.0007	.0013	.0046	-.0000	.0000	.0001	.0122	.0002
#2	-.0012	-.0193	.0012	.0034	.0002	-.0001	-.0008	.0086	.0001
#3	.0001	-.0173	.0007	.0034	-.0001	.0000	-.0005	.0104	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0003**	**-.0001**	**-.0001**	**.0011**	**-.0095**	**.0018**	**-.0375**	**.0000**
Stddev	.0016	.0002	.0005	.0002	.0011	.0280	.0011	.0016	.0000
%RSD	142.8	57.75	372.9	166.9	102.6	293.6	59.13	4.337	179.4
#1	.0007	-.0002	-.0005	.0001	.0017	-.0229	.0021	-.0357	-.0000
#2	-.0023	-.0002	-.0003	-.0003	.0017	.0227	.0028	-.0380	.0000
#3	-.0018	-.0005	.0004	-.0001	-.0002	-.0284	.0007	-.0388	.0001
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.1089**	**-.0000**	**-.0025**	**.0002**	**.0004**	**.0012**	**.0016**	**.0048**
Stddev	.0001	.0062	.0004	.0013	.0017	.0012	.0018	.0033	.0010
%RSD	39.05	5.724	11570.	51.33	776.9	299.0	158.0	210.0	20.04
#1	.0005	.1069	.0000	-.0015	.0020	.0018	.0002	-.0017	.0049
#2	.0003	.1159	.0004	-.0040	-.0013	-.0002	.0033	.0014	.0057
#3	.0003	.1039	-.0004	-.0021	-.0001	-.0004	.0000	.0050	.0038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 21:23:09 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**-.0000**	**.0004**	**-.0000**	**-.0002**	**.0010**	**.0005**	**.0001**
Stddev	.0007	.0001	.0001	.0017	.0002	.0006	.0002	.0001
%RSD	137.4	192.3	21.15	24310.	79.99	59.24	38.87	226.2
#1	-.0001	-.0001	.0004	-.0019	-.0002	.0003	.0007	.0002
#2	.0014	-.0001	.0005	.0004	-.0004	.0013	.0003	.0000
#3	.0003	.0000	.0003	.0015	-.0001	.0014	.0005	-.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7288.8**	**108710.**	**13210.**	**2968.9**
Stddev	8.1	691.	54.	4.0
%RSD	.11149	.63560	.41141	.13498
#1	7279.6	109500.	13148.	2964.5
#2	7294.9	108230.	13251.	2969.7
#3	7292.0	108390.	13231.	2972.4

Zoom In Zoom Out

Sample Name: jd58456-3 Acquired: 1/16/2023 21:28:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0151**	**.0030**	**.0266**	**.0145**	**.0001**	**-.0021**	**19.92**	**.0002**
Stddev	.0003	.0130	.0016	.0011	.0003	.0000	.0008	.05	.0001
%RSD	59.60	85.96	54.24	4.054	2.167	53.37	37.41	.2735	75.97
#1	-.0008	.0293	.0035	.0264	.0148	.0001	-.0014	19.98	.0000
#2	-.0003	.0123	.0012	.0257	.0144	.0000	-.0019	19.89	.0002
#3	-.0004	.0037	.0043	.0278	.0142	.0001	-.0030	19.90	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039**	**-.0004**	**-.0001**	**.0019**	**.3064**	**1.922**	**.0040**	**3.638**	**.0475**
Stddev	.0045	.0001	.0002	.0002	.0042	.031	.0005	.027	.0002
%RSD	115.6	33.07	175.4	8.520	1.387	1.599	12.16	.7416	.3253
#1	-.0006	-.0005	-.0002	.0019	.3108	1.948	.0042	3.652	.0473
#2	.0039	-.0003	-.0003	.0020	.3061	1.888	.0044	3.656	.0475
#3	.0085	-.0005	.0001	.0017	.3023	1.930	.0035	3.607	.0476

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**91.91**	**.0004**	**.0097**	**.0008**	**27.85**	**.0012**	**.0013**	**5.479**
Stddev	.0004	.16	.0008	.0004	.0005	.02	.0002	.0007	.004
%RSD	90.98	.1777	215.0	3.925	63.13	.0578	14.70	54.45	.0815
#1	.0009	92.10	.0002	.0095	.0003	27.86	.0010	.0008	5.484
#2	.0003	91.80	-.0003	.0094	.0007	27.84	.0014	.0021	5.475
#3	.0001	91.84	.0012	.0101	.0013	27.83	.0013	.0010	5.479

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.1086**	**.0004**	**.0002**	**-.0002**	**-.0005**	**.0124**	**-.0032**
Stddev	.0006	.0003	.0003	.0007	.0002	.0006	.0001	.0001
%RSD	103.4	.2884	86.76	354.7	118.2	126.3	.6566	2.304
#1	-.0011	.1089	.0007	-.0005	-.0003	-.0010	.0124	-.0032
#2	-.0006	.1087	.0004	.0002	.0000	.0002	.0124	-.0032
#3	.0000	.1083	.0000	.0009	-.0002	-.0007	.0125	-.0033

Zoom In Zoom Out

Sample Name: jd58456-3 Acquired: 1/16/2023 21:28:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7105.8**	**107270.**	**13205.**	**2926.5**
Stddev	9.5	404.	26.	5.4
%RSD	.13369	.37681	.19900	.18544
#1	7115.3	107730.	13183.	2932.6
#2	7096.3	107110.	13197.	2924.8
#3	7105.7	106970.	13234.	2922.1

Zoom In Zoom Out

Sample Name: jd58456-4 Acquired: 1/16/2023 21:33:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0070**	**.0022**	**.0253**	**.0161**	**-.0000**	**.0000**	**19.83**	**.0004**
Stddev	.0001	.0095	.0007	.0007	.0003	.0000	.0008	.01	.0001
%RSD	13.35	135.5	29.73	2.908	1.680	113.4	3140.	.0643	26.32
#1	-.0007	-.0037	.0015	.0247	.0162	-.0001	.0003	19.84	.0005
#2	-.0009	.0144	.0023	.0250	.0162	-.0000	.0007	19.84	.0003
#3	-.0008	.0105	.0029	.0261	.0158	.0000	-.0009	19.82	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0047**	**-.0004**	**-.0006**	**.0010**	**.4444**	**1.921**	**.0039**	**3.588**	**.0871**
Stddev	.0032	.0004	.0001	.0002	.0027	.037	.0022	.012	.0002
%RSD	66.96	88.93	10.75	21.18	.6115	1.913	57.24	.3426	.2212
#1	.0028	-.0007	-.0006	.0009	.4458	1.880	.0053	3.592	.0873
#2	.0030	-.0000	-.0006	.0009	.4461	1.950	.0013	3.599	.0869
#3	.0084	-.0005	-.0005	.0013	.4413	1.932	.0050	3.575	.0871

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**90.90**	**.0003**	**.0103**	**-.0000**	**27.71**	**.0021**	**.0002**	**5.510**
Stddev	.0001	.08	.0006	.0004	.0006	.06	.0025	.0014	.014
%RSD	23.67	.0851	217.3	3.809	2054.	.2128	119.0	687.0	.2550
#1	.0006	90.90	.0008	.0108	-.0004	27.66	.0044	-.0011	5.500
#2	.0005	90.98	.0003	.0101	.0006	27.77	.0024	.0001	5.526
#3	.0003	90.83	-.0003	.0102	-.0004	27.71	-.0005	.0017	5.504

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**.1078**	**.0003**	**.0025**	**-.0000**	**.0000**	**.0024**	**-.0034**
Stddev	.0006	.0001	.0002	.0008	.0000	.0006	.0002	.0000
%RSD	40.41	.1088	79.15	33.60	138.0	1245.	9.745	.5859
#1	-.0008	.1078	.0005	.0029	.0000	.0005	.0021	-.0034
#2	-.0020	.1079	.0002	.0031	-.0000	-.0006	.0025	-.0034
#3	-.0015	.1077	.0001	.0015	-.0000	.0003	.0025	-.0034

Zoom In Zoom Out

Sample Name: jd58456-4 Acquired: 1/16/2023 21:33:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7114.5**	**107270.**	**13327.**	**2931.4**
Stddev	8.6	437.	5.	4.8
%RSD	.12060	.40728	.03385	.16292
#1	7105.8	107210.	13325.	2930.3
#2	7114.8	107740.	13332.	2927.2
#3	7123.0	106870.	13323.	2936.6

Zoom In Zoom Out

Sample Name: jd58456-5 Acquired: 1/16/2023 21:38:40 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**.0336**	**.0061**	**.0256**	**.0314**	**.0000**	**-.0022**	**20.19**	**-.0001**
Stddev	.0002	.0181	.0018	.0007	.0003	.0000	.0015	.03	.0002
%RSD	22.49	53.93	29.71	2.834	1.109	98.25	67.28	.1596	197.8
#1	-.0012	.0540	.0077	.0264	.0318	.0001	-.0016	20.21	-.0002
#2	-.0008	.0194	.0041	.0250	.0311	.0000	-.0040	20.22	.0001
#3	-.0013	.0274	.0066	.0254	.0313	.0000	-.0012	20.16	-.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0158**	**.0003**	**.0003**	**.0039**	**7.793**	**1.852**	**.0023**	**3.655**	**.2144**
Stddev	.0014	.0002	.0003	.0001	.025	.048	.0005	.024	.0001
%RSD	9.147	82.88	89.53	2.674	.3217	2.605	19.41	.6556	.0274
#1	.0147	.0005	.0003	.0038	7.816	1.803	.0025	3.652	.2144
#2	.0174	.0003	.0000	.0040	7.797	1.900	.0027	3.633	.2144
#3	.0152	.0000	.0005	.0040	7.767	1.854	.0018	3.681	.2143

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**90.05**	**.0008**	**.0655**	**.0029**	**27.47**	**.0013**	**-.0012**	**6.616**
Stddev	.0004	.15	.0004	.0009	.0007	.03	.0011	.0006	.004
%RSD	105.4	.1717	51.61	1.411	24.65	.1009	82.22	51.25	.0631
#1	.0009	90.20	.0007	.0663	.0024	27.49	.0021	-.0013	6.617
#2	.0001	90.08	.0012	.0658	.0026	27.49	.0017	-.0005	6.620
#3	.0002	89.89	.0004	.0645	.0037	27.44	.0001	-.0017	6.611

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0020**	**.1142**	**.0001**	**.0009**	**.0004**	**.0004**	**.0051**	**-.0044**
Stddev	.0009	.0003	.0002	.0017	.0002	.0010	.0002	.0001
%RSD	45.96	.2382	149.8	197.6	37.85	221.1	4.570	3.355
#1	-.0020	.1145	-.0001	-.0001	.0003	.0010	.0049	-.0044
#2	-.0011	.1139	.0001	.0029	.0006	-.0007	.0054	-.0043
#3	-.0029	.1141	.0003	-.0001	.0004	.0010	.0051	-.0046

Zoom In Zoom Out

Sample Name: jd58456-5 Acquired: 1/16/2023 21:38:40 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7095.8**	**106860.**	**13314.**	**2926.4**
Stddev	12.2	158.	42.	6.1
%RSD	.17172	.14818	.31419	.20987
#1	7109.3	106700.	13290.	2932.6
#2	7085.7	107020.	13290.	2920.3
#3	7092.4	106880.	13362.	2926.4

Zoom In Zoom Out

Sample Name: jd58456-6 Acquired: 1/16/2023 21:43:48 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0177**	**.0054**	**.0219**	**.0297**	**.0001**	**-.0012**	**20.41**	**-.0000**
Stddev	.0002	.0130	.0010	.0004	.0001	.0000	.0008	.01	.0002
%RSD	44.27	73.34	18.14	1.902	.2750	39.89	71.06	.0446	1198.
#1	-.0006	.0195	.0053	.0214	.0297	.0001	-.0018	20.40	-.0001
#2	-.0002	.0039	.0064	.0222	.0297	.0001	-.0002	20.41	.0002
#3	-.0005	.0296	.0045	.0221	.0298	.0002	-.0015	20.41	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0133**	**.0000**	**.0000**	**.0011**	**6.286**	**1.829**	**.0025**	**3.700**	**.2007**
Stddev	.0009	.0004	.0004	.0003	.007	.046	.0021	.023	.0002
%RSD	7.122	3944.	1559.	23.54	.1173	2.529	83.36	.6323	.0845
#1	.0138	-.0004	.0005	.0014	6.282	1.819	.0011	3.685	.2007
#2	.0122	.0003	-.0003	.0009	6.281	1.788	.0048	3.727	.2009
#3	.0139	.0001	-.0001	.0009	6.294	1.879	.0015	3.688	.2005

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**51.73**	**.0002**	**.0580**	**.0004**	**27.73**	**.0005**	**-.0001**	**6.420**
Stddev	.0002	.07	.0002	.0008	.0005	.04	.0003	.0030	.010
%RSD	140.3	.1309	121.7	1.460	142.7	.1353	66.70	3328.	.1585
#1	.0001	51.67	-.0001	.0574	.0001	27.75	.0001	-.0005	6.426
#2	.0004	51.80	.0004	.0590	.0009	27.75	.0007	-.0029	6.427
#3	-.0000	51.71	.0002	.0576	.0000	27.68	.0007	.0031	6.409

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0021**	**.1125**	**.0001**	**.0033**	**.0002**	**-.0006**	**.0215**	**-.0042**
Stddev	.0003	.0002	.0001	.0003	.0003	.0006	.0003	.0003
%RSD	14.38	.1878	183.4	8.925	152.7	110.8	1.247	6.192
#1	-.0017	.1122	-.0001	.0030	.0004	-.0011	.0212	-.0044
#2	-.0022	.1125	.0002	.0036	-.0002	.0001	.0217	-.0044
#3	-.0023	.1127	.0001	.0033	.0004	-.0007	.0217	-.0039

Zoom In Zoom Out

Sample Name: jd58456-6 Acquired: 1/16/2023 21:43:48 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7154.3**	**107340.**	**13336.**	**2940.8**
Stddev	5.2	402.	9.	2.2
%RSD	.07329	.37425	.06627	.07551
#1	7148.5	107050.	13344.	2938.3
#2	7155.7	107170.	13337.	2941.7
#3	7158.8	107800.	13327.	2942.4

Zoom In Zoom Out

Sample Name: jd58456-3f Acquired: 1/16/2023 21:48:55 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0009**	**.0021**	**.0256**	**.0131**	**.0000**	**-.0013**	**19.83**	**-.0001**
Stddev	.0002	.0120	.0008	.0006	.0002	.0000	.0008	.04	.0003
%RSD	30.87	1379.	36.22	2.498	1.144	399.6	62.98	.1951	253.6
#1	-.0006	.0117	.0030	.0249	.0130	.0000	-.0022	19.88	-.0005
#2	-.0007	-.0022	.0017	.0262	.0132	-.0000	-.0006	19.82	-.0001
#3	-.0004	-.0121	.0017	.0256	.0132	.0000	-.0011	19.80	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**-.0004**	**-.0002**	**.0007**	**.0006**	**1.919**	**.0036**	**3.621**	**.0301**
Stddev	.0006	.0001	.0003	.0002	.0020	.031	.0016	.021	.0001
%RSD	178.3	28.79	173.2	28.02	328.7	1.612	43.42	.5658	.1998
#1	-.0006	-.0006	-.0004	.0007	.0002	1.899	.0019	3.645	.0302
#2	.0004	-.0004	-.0002	.0009	-.0011	1.902	.0039	3.609	.0301
#3	-.0007	-.0003	.0001	.0005	.0028	1.954	.0049	3.610	.0301

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**91.72**	**.0002**	**.0047**	**.0002**	**28.39**	**.0001**	**-.0006**	**5.528**
Stddev	.0001	.07	.0002	.0018	.0006	.72	.0002	.0013	.146
%RSD	25.69	.0759	117.4	39.20	304.4	2.549	219.0	231.6	2.643
#1	.0006	91.77	.0004	.0032	.0005	27.96	-.0000	-.0018	5.436
#2	.0007	91.75	-.0000	.0067	-.0005	27.97	-.0000	.0008	5.452
#3	.0004	91.64	.0002	.0041	.0007	29.22	.0003	-.0006	5.697

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0017**	**.1085**	**.0003**	**.0016**	**.0001**	**-.0002**	**.0023**	**-.0035**
Stddev	.0002	.0001	.0003	.0014	.0003	.0011	.0001	.0001
%RSD	13.32	.1237	99.85	88.85	357.5	574.6	6.187	3.152
#1	-.0018	.1086	.0006	.0010	.0002	.0001	.0022	-.0034
#2	-.0019	.1087	-.0000	.0033	-.0003	-.0014	.0024	-.0034
#3	-.0015	.1084	.0003	.0006	.0003	.0007	.0025	-.0036

Zoom In Zoom Out

Sample Name: jd58456-3f Acquired: 1/16/2023 21:48:55 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7033.2**	**107780.**	**13359.**	**2896.0**
Stddev	146.6	135.	62.	65.2
%RSD	2.0839	.12500	.46237	2.2521
#1	7108.6	107820.	13288.	2930.7
#2	7126.7	107620.	13393.	2936.6
#3	6864.3	107880.	13397.	2820.8

Zoom In Zoom Out

Sample Name: jd58459-1f Acquired: 1/16/2023 21:54:03 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0115**	**.0022**	**.0065**	**.3523**	**.0001**	**-.0017**	**14.32**	**-.0000**
Stddev	.0003	.0135	.0007	.0004	.0004	.0000	.0007	.03	.0002
%RSD	38.66	117.1	34.31	6.376	.1009	25.41	41.80	.1908	2749.
#1	-.0007	-.0037	.0016	.0069	.3528	.0002	-.0018	14.35	.0003
#2	-.0005	.0164	.0020	.0064	.3521	.0001	-.0025	14.32	-.0001
#3	-.0010	.0219	.0030	.0061	.3522	.0002	-.0010	14.30	-.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0055**	**.0209**	**-.0001**	**.0015**	**3.496**	**6.990**	**.0032**	**8.609**	**.1925**
Stddev	.0012	.0002	.0001	.0003	.016	.035	.0020	.007	.0001
%RSD	22.33	1.125	78.32	22.28	.4597	.4930	62.44	.0817	.0519
#1	.0045	.0210	-.0002	.0011	3.512	7.012	.0054	8.601	.1924
#2	.0052	.0207	-.0001	.0016	3.479	7.008	.0028	8.609	.1924
#3	.0069	.0212	-.0000	.0017	3.496	6.950	.0014	8.615	.1926

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**14.35**	**.0196**	**2.142**	**.0021**	**.1128**	**.0014**	**-.0017**	**9.338**
Stddev	.0004	.03	.0002	.002	.0003	.0017	.0002	.0008	.005
%RSD	61.68	.1876	1.030	.0960	13.22	1.466	15.03	48.18	.0509
#1	.0007	14.38	.0196	2.145	.0020	.1109	.0012	-.0011	9.342
#2	.0009	14.35	.0194	2.141	.0024	.1138	.0016	-.0015	9.333
#3	.0002	14.33	.0198	2.141	.0019	.1138	.0015	-.0027	9.339

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.1085**	**.0002**	**.0014**	**.0007**	**.0004**	**.0676**	**-.0058**
Stddev	.0001	.0003	.0003	.0008	.0003	.0008	.0003	.0001
%RSD	9.057	.3225	198.4	58.19	35.11	169.0	.4473	2.176
#1	-.0012	.1089	-.0001	.0014	.0006	-.0000	.0678	-.0057
#2	-.0015	.1084	.0001	.0006	.0010	.0013	.0672	-.0060
#3	-.0013	.1082	.0006	.0022	.0005	.0000	.0677	-.0058

Zoom In Zoom Out

Sample Name: jd58459-1f Acquired: 1/16/2023 21:54:03 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7222.8**	**108010.**	**13321.**	**2951.4**
Stddev	8.7	229.	29.	4.7
%RSD	.12019	.21161	.21874	.16079
#1	7215.1	108260.	13310.	2946.3
#2	7232.2	107940.	13354.	2955.7
#3	7221.0	107820.	13299.	2952.2

Zoom In Zoom Out

Sample Name: jd58459-2f Acquired: 1/16/2023 21:59:07 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0343**	**.0113**	**.0222**	**2.483**	**.0015**	**-.0023**	F **234.1**
Stddev	.0003	.0017	.0011	.0004	.003	.0000	.0005	.3
%RSD	64.50	4.947	9.674	1.706	.1335	.2773	23.89	.1090
#1	-.0002	.0354	.0111	.0221	2.486	.0015	-.0026	234.1
#2	-.0004	.0324	.0103	.0219	2.480	.0015	-.0016	233.8
#3	-.0008	.0353	.0124	.0226	2.484	.0015	-.0025	234.3

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**.0315**	**.0640**	**.0074**	**.0023**	**48.47**	**14.95**	**.0758**
Stddev	.0001	.0016	.0001	.0002	.0004	.04	.06	.0010
%RSD	6.798	5.135	.1913	3.199	17.96	.0752	.4304	1.302
#1	.0008	.0297	.0639	.0075	.0023	48.50	15.02	.0757
#2	.0007	.0329	.0641	.0072	.0028	48.48	14.91	.0768
#3	.0008	.0319	.0640	.0076	.0019	48.43	14.91	.0748

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**152.6**	F **13.42**	**.0002**	**21.32**	**.1505**	F **160.2**	**.0086**	**3.327**
Stddev	.2	.07	.0000	.03	.0005	.2	.0012	.005
%RSD	.1044	.5372	26.82	.1371	.3500	.1484	14.35	.1400
#1	152.7	13.34	.0002	21.31	.1508	160.2	.0075	3.323
#2	152.4	13.44	.0002	21.29	.1508	160.4	.0084	3.332
#3	152.7	13.48	.0001	21.35	.1499	159.9	.0100	3.326

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**-.0013**	F **67.22**	**-.0033**	**1.870**	**-.0006**	F **-.0033**	**.0003**
Stddev	.0004	.0021	.11	.0004	.004	.0001	.0037	.0002
%RSD	44.61	152.7	.1671	13.25	.1975	9.820	111.2	52.96
#1	.0013	.0007	67.19	-.0031	1.873	-.0006	-.0036	.0002
#2	.0010	-.0013	67.12	-.0030	1.866	-.0007	.0005	.0002
#3	.0005	-.0034	67.34	-.0038	1.870	-.0007	-.0069	.0005

Zoom In Zoom Out

Sample Name: jd58459-2f Acquired: 1/16/2023 21:59:07 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0006**	**.0019**	F **-.0444**
Stddev	.0010	.0002	.0001
%RSD	162.9	13.36	.2759
#1	-.0004	.0018	-.0443
#2	.0006	.0021	-.0444
#3	.0016	.0017	-.0446

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6914.1**	**105460.**	**13403.**	**2848.9**
Stddev	22.2	144.	35.	5.7
%RSD	.32132	.13681	.26421	.19900
#1	6900.7	105570.	13418.	2846.8
#2	6901.9	105290.	13428.	2844.7
#3	6939.7	105500.	13362.	2855.4

Zoom In Zoom Out

Sample Name: jd58459-3f Acquired: 1/16/2023 22:04:18 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0354**	**.0115**	**.0273**	**.8763**	**.0018**	**-.0016**	**169.8**
Stddev	.0003	.0144	.0005	.0003	.0006	.0000	.0014	.2
%RSD	64.85	40.55	4.461	1.027	.0663	1.646	91.84	.1146
#1	.0001	.0231	.0121	.0271	.8767	.0019	-.0029	169.8
#2	.0006	.0320	.0111	.0276	.8764	.0018	-.0017	169.7
#3	.0007	.0512	.0113	.0273	.8756	.0018	-.0001	170.1

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0306**	**.0446**	**.0072**	**.0020**	**46.81**	**12.04**	**.0581**
Stddev	.0004	.0029	.0004	.0002	.0002	.07	.02	.0019
%RSD	126.1	9.495	.7948	2.447	8.977	.1589	.1814	3.272
#1	.0001	.0334	.0448	.0073	.0019	46.79	12.06	.0560
#2	.0008	.0310	.0449	.0074	.0022	46.75	12.02	.0596
#3	.0001	.0276	.0442	.0070	.0018	46.90	12.05	.0588

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**119.2**	F **10.80**	**.0011**	**29.00**	**.1357**	F **110.0**	**.0080**	**3.731**
Stddev	.2	.04	.0003	.04	.0002	.2	.0008	.004
%RSD	.1595	.3738	28.71	.1327	.1542	.1494	10.56	.1118
#1	119.2	10.80	.0014	29.01	.1354	110.2	.0075	3.729
#2	119.0	10.76	.0010	28.95	.1358	110.0	.0090	3.736
#3	119.3	10.84	.0008	29.02	.1358	109.9	.0076	3.728

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034**	**-.0025**	F **61.62**	**-.0018**	**1.349**	**-.0001**	**-.0019**	**.0042**
Stddev	.0006	.0038	.10	.0015	.001	.0001	.0016	.0001
%RSD	17.43	151.4	.1644	82.78	.0911	74.42	82.32	3.193
#1	.0036	.0013	61.57	-.0018	1.350	-.0001	-.0027	.0043
#2	.0038	-.0026	61.74	-.0003	1.348	-.0003	-.0030	.0040
#3	.0027	-.0062	61.56	-.0032	1.348	-.0001	-.0001	.0042

Zoom In Zoom Out

Sample Name: jd58459-3f Acquired: 1/16/2023 22:04:18 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0005**	**.0329**	F **-.0406**
Stddev	.0011	.0002	.0002
%RSD	229.1	.6809	.4036
#1	.0008	.0331	-.0405
#2	-.0012	.0329	-.0408
#3	-.0010	.0326	-.0406

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6985.2**	**106110.**	**13406.**	**2864.9**
Stddev	20.7	159.	123.	4.8
%RSD	.29659	.14978	.91974	.16733
#1	6963.7	106260.	13449.	2859.9
#2	7005.1	106140.	13503.	2869.5
#3	6986.8	105950.	13267.	2865.1

Zoom In Zoom Out

Sample Name: jd58459-4f Acquired: 1/16/2023 22:09:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.0023**	**.0092**	**.0229**	**3.049**	**.0007**	**-.0018**	**171.4**
Stddev	.0001	.0129	.0016	.0012	.005	.0000	.0014	.1
%RSD	12.32	564.5	17.44	5.050	.1820	4.539	75.35	.0618
#1	-.0011	-.0126	.0092	.0241	3.047	.0007	-.0031	171.5
#2	-.0009	.0096	.0108	.0228	3.055	.0007	-.0021	171.3
#3	-.0009	.0099	.0076	.0218	3.044	.0007	-.0003	171.3

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0283**	**.0543**	**.0025**	**.0023**	**42.97**	**12.30**	**.0641**
Stddev	.0001	.0014	.0006	.0006	.0003	.02	.01	.0012
%RSD	121.8	4.813	1.101	22.89	12.18	.0508	.1201	1.843
#1	.0001	.0299	.0539	.0029	.0025	43.00	12.29	.0638
#2	-.0000	.0278	.0550	.0028	.0020	42.95	12.29	.0654
#3	.0002	.0273	.0540	.0019	.0023	42.96	12.32	.0631

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**120.9**	F **11.79**	**.0001**	**24.04**	**.1213**	F **33.55**	**.0071**	**.7667**
Stddev	.3	.02	.0001	.03	.0014	.52	.0025	.0168
%RSD	.2823	.1396	52.67	.1178	1.118	1.546	34.78	2.187
#1	121.3	11.77	.0001	24.07	.1211	33.29	.0046	.7553
#2	120.7	11.80	.0000	24.05	.1228	34.14	.0095	.7860
#3	120.8	11.78	.0002	24.01	.1201	33.21	.0073	.7589

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**-.0005**	F **52.81**	**-.0041**	**1.449**	**-.0004**	F **-.0032**	**.0008**
Stddev	.0008	.0020	.76	.0004	.002	.0002	.0015	.0002
%RSD	141.0	413.5	1.439	10.15	.1625	63.35	47.62	21.26
#1	.0002	.0001	52.47	-.0042	1.449	-.0002	-.0018	.0008
#2	.0014	.0012	53.69	-.0036	1.451	-.0006	-.0049	.0006
#3	-.0000	-.0027	52.29	-.0045	1.446	-.0003	-.0030	.0009

Zoom In Zoom Out

Sample Name: jd58459-4f Acquired: 1/16/2023 22:09:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0007**	**.0099**	F **-.0355**
Stddev	.0003	.0003	.0005
%RSD	36.68	2.941	1.449
#1	.0004	.0098	-.0352
#2	.0009	.0103	-.0361
#3	.0009	.0097	-.0352

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6857.5**	**105290.**	**13327.**	**2829.7**
Stddev	90.4	198.	66.	41.3
%RSD	1.3178	.18825	.49519	1.4606
#1	6907.0	105520.	13266.	2850.7
#2	6753.2	105190.	13397.	2782.1
#3	6912.4	105160.	13316.	2856.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 22:14:45 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2583**	**40.16**	**2.107**	**2.081**	**2.024**	**2.006**	**2.050**	**38.89**	**2.051**
Stddev	.0010	.03	.009	.006	.003	.001	.006	.05	.007
%RSD	.3686	.0639	.4272	.2710	.1385	.0552	.2854	.1397	.3523
#1	.2573	40.13	2.117	2.087	2.025	2.006	2.056	38.83	2.059
#2	.2592	40.18	2.104	2.077	2.021	2.005	2.049	38.93	2.049
#3	.2584	40.16	2.100	2.078	2.027	2.007	2.045	38.90	2.045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.049**	**2.060**	**2.017**	**2.006**	**38.41**	**40.57**	**2.070**	**38.73**	**2.063**
Stddev	.004	.006	.007	.003	.06	.06	.001	.10	.005
%RSD	.1730	.3006	.3400	.1324	.1608	.1506	.0575	.2693	.2448
#1	2.045	2.067	2.024	2.003	38.34	40.58	2.069	38.61	2.068
#2	2.052	2.056	2.017	2.008	38.44	40.51	2.069	38.77	2.064
#3	2.049	2.057	2.011	2.007	38.46	40.63	2.071	38.80	2.058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.131**	**40.84**	**2.064**	**2.069**	**2.076**	**2.075**	**2.099**	**2.048**	**5.074**
Stddev	.005	.02	.003	.004	.006	.009	.005	.005	.016
%RSD	.2141	.0549	.1400	.2145	.3042	.4367	.2371	.2438	.3070
#1	2.136	40.83	2.067	2.073	2.084	2.085	2.105	2.052	5.091
#2	2.130	40.83	2.062	2.070	2.073	2.073	2.096	2.048	5.071
#3	2.127	40.87	2.062	2.064	2.073	2.068	2.097	2.042	5.060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 22:14:45 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.135**	**2.071**	**2.073**	**2.079**	**2.022**	**2.138**	**1.995**	**2.067**
Stddev	.005	.002	.004	.004	.004	.006	.008	.002
%RSD	.2599	.1151	.1924	.1849	.1734	.2998	.4147	.0740
#1	2.141	2.071	2.076	2.082	2.024	2.146	2.004	2.069
#2	2.131	2.068	2.075	2.075	2.023	2.135	1.992	2.067
#3	2.131	2.073	2.069	2.081	2.018	2.135	1.988	2.066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7045.4**	**105740.**	**13285.**	**2911.0**
Stddev	17.9	819.	47.	12.2
%RSD	.25426	.77454	.35262	.41893
#1	7026.1	104940.	13334.	2897.5
#2	7048.6	105710.	13241.	2914.1
#3	7061.5	106580.	13281.	2921.4

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 22:19:35 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0036**	**-.0004**	**.0024**	**.0003**	**.0000**	**-.0003**	**.0113**	**.0001**
Stddev	.0005	.0043	.0008	.0002	.0004	.0001	.0013	.0007	.0003
%RSD	69.45	118.3	200.9	9.261	131.6	794.4	446.8	6.113	380.2
#1	-.0003	-.0008	.0005	.0022	.0003	-.0000	-.0011	.0105	.0004
#2	-.0013	.0077	-.0006	.0025	.0006	-.0000	.0012	.0116	.0001
#3	-.0005	.0040	-.0011	.0026	-.0001	.0001	-.0010	.0118	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**-.0002**	**-.0003**	**.0001**	**.0012**	**-.0408**	**-.0001**	**.0001**	**-.0000**
Stddev	.0012	.0002	.0001	.0001	.0015	.0462	.0015	.0082	.0000
%RSD	98.14	91.96	26.84	91.59	123.1	113.2	1332.	12670.	1897.
#1	.0026	-.0001	-.0004	.0001	.0027	.0022	-.0012	.0085	.0000
#2	.0008	-.0004	-.0003	.0000	.0012	-.0349	-.0007	-.0003	-.0000
#3	.0003	-.0001	-.0003	.0000	-.0003	-.0896	.0016	-.0080	-.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0840**	**.0001**	**-.0054**	**.0004**	**.0006**	**.0013**	**.0015**	**.0097**
Stddev	.0002	.0092	.0003	.0011	.0005	.0007	.0003	.0019	.0006
%RSD	36.07	10.97	283.1	19.86	121.9	117.3	22.23	128.8	5.931
#1	.0007	.0734	.0004	-.0057	.0007	.0013	.0010	.0036	.0096
#2	.0003	.0893	.0002	-.0042	.0006	-.0001	.0016	-.0000	.0092
#3	.0005	.0894	-.0002	-.0062	-.0001	.0006	.0012	.0008	.0103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 22:19:35 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**-.0000**	**.0005**	**.0003**	**-.0004**	**.0011**	**.0002**	**.0001**
Stddev	.0002	.0001	.0003	.0019	.0001	.0007	.0000	.0001
%RSD	37.89	539.9	55.52	576.7	40.77	62.21	12.97	97.12
#1	.0006	-.0001	.0002	.0025	-.0004	.0007	.0003	.0001
#2	.0003	.0001	.0007	-.0010	-.0005	.0020	.0002	.0000
#3	.0008	-.0000	.0005	-.0005	-.0002	.0007	.0002	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7308.9**	**108860.**	**13299.**	**2977.4**
Stddev	5.9	550.	30.	2.9
%RSD	.08012	.50516	.22806	.09904
#1	7315.4	108970.	13292.	2980.8
#2	7307.0	109350.	13273.	2975.7
#3	7304.2	108270.	13332.	2975.8

Zoom In Zoom Out

Sample Name: mpconf Acquired: 1/16/2023 22:24:51 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**-.0062**	**.0008**	**.0016**	**.0003**	**-.0000**	**-.0002**	**-.0085**	**-.0002**
Stddev	.0001	.0078	.0009	.0020	.0000	.0001	.0008	.0019	.0004
%RSD	8.102	125.9	109.6	122.1	12.88	192.4	429.9	22.20	225.8
#1	-.0009	-.0065	.0004	-.0007	.0003	-.0000	-.0001	-.0068	.0001
#2	-.0008	.0017	.0017	.0027	.0003	.0000	-.0010	-.0106	-.0006
#3	-.0008	-.0138	.0001	.0028	.0003	-.0001	.0005	-.0083	-.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0023**	**-.0001**	**-.0003**	**-.0002**	**-.0040**	**-.0509**	**.0005**	**-.0094**	**-.0000**
Stddev	.0030	.0004	.0004	.0002	.0007	.0362	.0008	.0208	.0000
%RSD	130.2	709.0	143.9	99.18	16.69	71.23	142.3	222.0	98.38
#1	.0011	-.0004	-.0000	-.0000	-.0047	-.0744	.0009	-.0121	-.0000
#2	-.0043	.0004	-.0007	-.0002	-.0035	-.0091	.0010	.0127	-.0001
#3	-.0036	-.0001	-.0000	-.0005	-.0037	-.0691	-.0003	-.0287	.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0295**	**-.0002**	**-.0051**	**.0005**	**-.0005**	**.0003**	**.0006**	**.0041**
Stddev	.0003	.0050	.0004	.0011	.0013	.0016	.0010	.0008	.0018
%RSD	135.4	16.96	234.4	20.92	243.8	290.5	302.5	143.4	44.27
#1	-.0001	.0351	.0001	-.0053	-.0003	-.0019	-.0005	-.0000	.0061
#2	.0002	.0279	.0000	-.0040	-.0001	-.0009	.0001	.0003	.0027
#3	.0006	.0254	-.0006	-.0061	.0020	.0012	.0014	.0015	.0033

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0001**	**.0001**	**-.0015**	**-.0003**	**-.0012**	**-.0011**	**-.0001**
Stddev	.0006	.0001	.0000	.0020	.0004	.0015	.0000	.0001
%RSD	254.6	72.58	32.16	135.2	124.1	132.2	2.927	132.3
#1	-.0000	.0000	.0001	.0000	-.0004	.0003	-.0012	-.0002
#2	.0010	.0001	.0001	-.0037	-.0007	-.0011	-.0011	-.0000
#3	-.0002	.0001	.0001	-.0007	.0001	-.0027	-.0011	-.0000

Zoom In Zoom Out

Sample Name: mpconf Acquired: 1/16/2023 22:24:51 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7287.6**	**109090.**	**13154.**	**2967.3**
Stddev	4.0	533.	70.	2.6
%RSD	.05520	.48835	.53394	.08892
#1	7292.1	109100.	13136.	2969.8
#2	7284.4	108550.	13231.	2964.6
#3	7286.3	109620.	13094.	2967.6

Zoom In Zoom Out

Sample Name: mp37414-mb1 Acquired: 1/16/2023 22:30:05 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0101**	**.0010**	**.0017**	**.0002**	**.0000**	**.0002**	**-.0079**	**.0000**
Stddev	.0005	.0066	.0001	.0010	.0005	.0000	.0008	.0008	.0002
%RSD	45.13	65.34	11.68	56.22	222.3	399.0	475.0	9.646	1701.
#1	-.0008	-.0027	.0009	.0023	.0004	.0001	.0009	-.0077	-.0002
#2	-.0016	-.0121	.0011	.0022	-.0004	-.0000	.0002	-.0087	-.0000
#3	-.0007	-.0155	.0011	.0006	.0007	.0000	-.0006	-.0072	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**.0001**	**-.0003**	**-.0000**	**-.0012**	**-.0472**	**-.0005**	**-.0096**	**-.0000**
Stddev	.0008	.0006	.0003	.0003	.0026	.0243	.0006	.0228	.0000
%RSD	52.73	833.1	90.87	1801.	225.7	51.38	129.8	238.7	84.74
#1	.0025	.0005	-.0002	-.0003	-.0039	-.0305	-.0002	-.0060	-.0000
#2	.0011	.0003	-.0006	.0001	-.0008	-.0361	-.0001	.0113	-.0000
#3	.0011	-.0006	-.0001	.0001	.0012	-.0751	-.0012	-.0340	-.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0331**	**-.0001**	**-.0050**	**.0005**	**.0002**	**.0024**	**.0000**	**.0028**
Stddev	.0003	.0087	.0003	.0007	.0022	.0004	.0009	.0025	.0002
%RSD	186.8	26.26	506.2	14.86	446.7	220.4	36.14	5875.	7.272
#1	-.0004	.0343	-.0001	-.0058	-.0001	.0006	.0017	-.0028	.0030
#2	.0001	.0238	.0003	-.0043	-.0013	-.0000	.0021	.0007	.0027
#3	-.0001	.0411	-.0003	-.0049	.0029	-.0001	.0033	.0022	.0026

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**-.0000**	**.0006**	**-.0003**	**-.0002**	**-.0002**	**-.0009**	**.0000**
Stddev	.0008	.0001	.0001	.0014	.0002	.0009	.0002	.0001
%RSD	177.0	251.1	12.28	406.3	107.5	450.5	20.27	583.3
#1	.0006	.0000	.0005	-.0019	-.0001	-.0002	-.0010	.0000
#2	.0011	-.0002	.0006	.0000	-.0000	-.0010	-.0009	.0002
#3	-.0004	.0000	.0006	.0008	-.0004	.0007	-.0007	-.0001

Zoom In Zoom Out

Sample Name: mp37414-mb1 Acquired: 1/16/2023 22:30:05 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7290.9**	**108700.**	**13205.**	**2970.0**
Stddev	21.1	175.	50.	9.6
%RSD	.28892	.16128	.38081	.32354
#1	7315.1	108560.	13236.	2981.0
#2	7276.7	108890.	13233.	2965.1
#3	7280.9	108630.	13147.	2963.7

Zoom In Zoom Out

Sample Name: ticonf Acquired: 1/16/2023 22:35:18 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0086**	**-.0002**	**.0026**	**.0002**	**.0019**	**1.558**	**-.0059**	**.0003**
Stddev	.0007	.0072	.0007	.0002	.0003	.0000	.003	.0016	.0002
%RSD	246.7	83.27	285.2	7.240	178.1	1.548	.2178	28.00	58.02
#1	.0010	-.0003	-.0010	.0026	.0006	.0019	1.561	-.0042	.0003
#2	.0002	-.0128	.0002	.0025	.0001	.0019	1.558	-.0074	.0002
#3	-.0004	-.0126	.0001	.0028	-.0001	.0020	1.554	-.0060	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0091**	**.0010**	**-.0004**	**-.0013**	**.0050**	**-.0687**	**-.0001**	**-.0351**	**.0000**
Stddev	.0034	.0004	.0004	.0003	.0021	.0579	.0015	.0089	.0000
%RSD	37.61	43.11	109.0	20.25	42.83	84.26	2672.	25.41	149.7
#1	-.0059	.0013	-.0001	-.0011	.0028	-.0213	-.0017	-.0259	-.0000
#2	-.0086	.0005	-.0002	-.0011	.0051	-.0516	.0003	-.0437	.0001
#3	-.0127	.0012	-.0009	-.0016	.0071	-.1332	.0013	-.0355	.0000

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0171**	**.0001**	**-.0050**	**.0007**	**-.0012**	**.0101**	**-.0013**	**-.0243**
Stddev	.0001	.0045	.0006	.0022	.0007	.0028	.0014	.0017	.0013
%RSD	12.30	26.17	551.9	44.65	112.7	235.4	13.70	123.9	5.245
#1	-.0009	.0124	-.0005	-.0026	-.0000	.0003	.0093	-.0026	-.0247
#2	-.0008	.0177	.0002	-.0053	.0014	-.0044	.0093	.0005	-.0253
#3	-.0007	.0212	.0006	-.0070	.0005	.0005	.0117	-.0020	-.0229

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0169**	**.0004**	F **10.65**	**-.0000**	**.0022**	**-.0011**	**.0016**	**.0002**
Stddev	.0008	.0000	.02	.0004	.0003	.0012	.0003	.0003
%RSD	4.547	10.47	.2008	3102.	11.37	111.0	16.77	114.4
#1	.0178	.0003	10.66	.0002	.0025	-.0000	.0018	.0006
#2	.0166	.0004	10.66	-.0005	.0020	-.0024	.0018	.0001
#3	.0163	.0004	10.62	.0003	.0021	-.0009	.0013	.0000

Zoom In Zoom Out

Sample Name: ticonf Acquired: 1/16/2023 22:35:18 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7251.1**	**108170.**	**13144.**	**2956.3**
Stddev	5.7	298.	54.	4.7
%RSD	.07843	.27592	.41263	.15884
#1	7257.7	107910.	13082.	2961.6
#2	7247.8	108500.	13170.	2953.0
#3	7247.9	108100.	13181.	2954.2

Zoom In Zoom Out

Sample Name: vconf Acquired: 1/16/2023 22:40:32 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0120**	**-.0071**	**.0016**	**.0005**	**.0000**	**.0016**	**.0037**	**-.0057**	**.0012**
Stddev	.0006	.0108	.0002	.0012	.0003	.0001	.0009	.0018	.0001
%RSD	4.914	151.7	11.17	260.3	2674.	5.099	24.84	31.36	6.498
#1	.0124	-.0191	.0014	.0009	.0003	.0015	.0048	-.0039	.0011
#2	.0122	-.0042	.0018	-.0009	-.0001	.0017	.0031	-.0074	.0012
#3	.0113	.0020	.0016	.0013	-.0002	.0017	.0033	-.0058	.0013

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0045**	**.0001**	**-.0002**	**.0004**	**.0028**	**-.0866**	**.0005**	**-.0045**	**-.0003**
Stddev	.0024	.0001	.0001	.0004	.0011	.0323	.0007	.0184	.0000
%RSD	53.12	113.1	61.61	99.23	37.87	37.26	129.8	407.3	11.31
#1	-.0027	.0001	-.0001	.0005	.0035	-.0601	.0013	-.0026	-.0003
#2	-.0036	.0002	-.0002	-.0000	.0034	-.0772	.0001	.0128	-.0003
#3	-.0072	-.0000	-.0003	.0008	.0016	-.1226	.0001	-.0238	-.0003

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0259**	**.0002**	**-.0098**	**.0005**	**-.0013**	**.0024**	**.0003**	**.0132**
Stddev	.0002	.0088	.0004	.0009	.0004	.0021	.0014	.0013	.0007
%RSD	13.47	34.08	235.4	8.856	82.81	169.2	58.24	465.8	5.035
#1	-.0014	.0173	-.0002	-.0104	.0000	-.0018	.0009	-.0011	.0124
#2	-.0011	.0350	.0007	-.0088	.0007	.0011	.0025	.0004	.0133
#3	-.0013	.0256	.0001	-.0102	.0009	-.0031	.0037	.0016	.0137

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**-.0001**	**.0002**	**.0062**	F **9.554**	**.0007**	**-.0003**	**.0016**
Stddev	.0006	.0001	.0002	.0006	.006	.0008	.0003	.0001
%RSD	58.43	114.5	90.69	9.100	.0667	109.0	102.0	7.353
#1	.0007	.0000	.0004	.0056	9.559	.0015	.0000	.0017
#2	.0006	-.0002	.0002	.0067	9.557	.0007	-.0004	.0015
#3	.0017	-.0001	.0000	.0064	9.547	-.0000	-.0006	.0014

Zoom In Zoom Out

Sample Name: vconf Acquired: 1/16/2023 22:40:32 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7266.6**	**107910.**	**13168.**	**2962.7**
Stddev	13.5	308.	17.	1.2
%RSD	.18543	.28583	.12543	.04124
#1	7251.6	108200.	13155.	2961.7
#2	7277.7	107960.	13163.	2964.1
#3	7270.6	107590.	13186.	2962.3

Zoom In Zoom Out

Sample Name: moconf Acquired: 1/16/2023 22:45:45 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**-.0831**	**.0003**	**-.0318**	**-.0002**	**-.0000**	**.0003**	**.0117**
Stddev	.0001	.0048	.0016	.0009	.0002	.0000	.0001	.0015
%RSD	36.53	5.797	509.1	2.937	145.7	41.29	49.08	13.14
#1	.0003	-.0837	.0019	-.0315	-.0001	-.0001	.0003	.0099
#2	.0002	-.0779	.0002	-.0311	.0000	-.0001	.0002	.0126
#3	.0001	-.0875	-.0012	-.0329	-.0004	-.0000	.0004	.0126

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0069**	**-.0017**	**.0010**	**.0053**	**-.0025**	**-.0874**	**-.0008**
Stddev	.0003	.0027	.0003	.0001	.0003	.0018	.0314	.0023
%RSD	17860.	38.67	18.80	12.30	5.156	71.50	35.98	283.2
#1	-.0004	-.0099	-.0020	.0011	.0053	-.0038	-.0783	-.0007
#2	.0001	-.0049	-.0014	.0009	.0050	-.0034	-.0615	.0014
#3	.0003	-.0058	-.0018	.0011	.0055	-.0005	-.1223	-.0031

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0217**	**-.0006**	F **10.46**	**.0983**	**-.0002**	**-.0046**	**.0118**	**.0228**
Stddev	.0189	.0001	.01	.0028	.0005	.0013	.0010	.0023
%RSD	87.16	9.251	.0994	2.847	212.3	29.23	8.495	9.868
#1	-.0281	-.0006	10.45	.1002	.0001	-.0062	.0123	.0230
#2	-.0004	-.0006	10.47	.0951	.0000	-.0038	.0107	.0205
#3	-.0366	-.0005	10.45	.0996	-.0008	-.0038	.0126	.0250

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0014**	**.0236**	**.0007**	**.0000**	**-.0022**	F **-.0069**	**.0005**
Stddev	.0016	.0007	.0014	.0008	.0001	.0002	.0004	.0003
%RSD	3695.	49.94	5.770	111.4	457.2	9.123	5.501	67.87
#1	.0016	-.0019	.0252	.0015	.0001	-.0019	-.0068	.0009
#2	-.0015	-.0018	.0227	-.0001	-.0001	-.0023	-.0074	.0003
#3	.0001	-.0006	.0229	.0008	.0000	-.0022	-.0067	.0003

Zoom In Zoom Out

Sample Name: moconf Acquired: 1/16/2023 22:45:45 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0003**	**.0021**	**-.0009**
Stddev	.0017	.0003	.0001
%RSD	493.2	13.24	9.797
#1	.0011	.0018	-.0009
#2	.0001	.0022	-.0008
#3	-.0022	.0024	-.0008

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7306.8**	**108520.**	**13188.**	**2967.9**
Stddev	8.1	470.	42.	1.0
%RSD	.11154	.43341	.31725	.03249
#1	7305.0	109040.	13172.	2967.1
#2	7299.6	108120.	13235.	2967.5
#3	7315.6	108400.	13157.	2968.9

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 22:50:58 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2590**	**40.17**	**2.104**	**2.082**	**2.021**	**2.004**	**2.049**	**38.88**	**2.051**
Stddev	.0004	.15	.003	.003	.006	.006	.002	.10	.002
%RSD	.1723	.3722	.1315	.1347	.2752	.3102	.0712	.2522	.0737
#1	.2587	40.23	2.107	2.084	2.025	2.007	2.050	38.92	2.052
#2	.2588	40.28	2.104	2.082	2.024	2.008	2.050	38.96	2.051
#3	.2595	40.00	2.101	2.079	2.015	1.997	2.047	38.77	2.049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.050**	**2.061**	**2.024**	**2.000**	**38.39**	**40.55**	**2.063**	**38.78**	**2.069**
Stddev	.005	.004	.002	.002	.12	.16	.008	.03	.003
%RSD	.2371	.1716	.0909	.1081	.3050	.3966	.3684	.0781	.1347
#1	2.055	2.064	2.026	2.001	38.43	40.56	2.064	38.79	2.071
#2	2.048	2.062	2.022	2.000	38.48	40.71	2.070	38.81	2.066
#3	2.046	2.057	2.026	1.997	38.26	40.38	2.055	38.75	2.071
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.133**	**41.95**	**2.064**	**2.071**	**2.079**	**2.077**	**2.097**	**2.046**	**5.055**
Stddev	.004	.08	.004	.004	.005	.009	.003	.003	.001
%RSD	.2023	.2014	.2091	.1976	.2487	.4331	.1194	.1672	.0282
#1	2.135	42.00	2.068	2.069	2.078	2.088	2.095	2.043	5.057
#2	2.136	42.00	2.065	2.075	2.085	2.073	2.097	2.050	5.055
#3	2.128	41.85	2.060	2.067	2.074	2.072	2.100	2.046	5.054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 22:50:58 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.135**	**2.069**	**2.080**	**2.076**	**2.026**	**2.141**	**1.994**	**2.066**
Stddev	.007	.006	.001	.005	.002	.004	.007	.003
%RSD	.3437	.2782	.0464	.2639	.0896	.2094	.3645	.1512
#1	2.138	2.073	2.079	2.076	2.028	2.144	2.000	2.069
#2	2.141	2.072	2.081	2.081	2.024	2.143	1.996	2.063
#3	2.127	2.063	2.080	2.070	2.026	2.136	1.986	2.065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7024.3**	**105580.**	**13217.**	**2906.8**
Stddev	20.4	105.	6.	8.6
%RSD	.29067	.09984	.04172	.29611
#1	7006.5	105540.	13214.	2899.3
#2	7019.9	105700.	13214.	2904.8
#3	7046.6	105490.	13224.	2916.2

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 22:55:49 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0113**	**-.0017**	**.0028**	**.0002**	**.0000**	**-.0006**	**.0105**	**.0000**
Stddev	.0003	.0108	.0009	.0006	.0000	.0000	.0016	.0051	.0001
%RSD	59.80	95.29	53.02	21.89	26.69	400.7	272.6	47.96	301.2
#1	-.0003	-.0224	-.0008	.0034	.0002	.0000	-.0018	.0068	.0001
#2	-.0004	-.0108	-.0017	.0022	.0002	.0000	.0013	.0163	.0002
#3	-.0009	-.0008	-.0027	.0028	.0001	-.0000	-.0012	.0085	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**-.0001**	**-.0002**	**-.0001**	**-.0000**	**-.0875**	**.0012**	**-.0076**	**.0000**
Stddev	.0048	.0001	.0003	.0003	.0012	.0349	.0017	.0237	.0000
%RSD	394.9	193.5	122.6	172.8	19090.	39.86	136.1	312.7	151.4
#1	.0020	-.0002	-.0005	-.0004	-.0007	-.1275	.0032	.0175	.0001
#2	.0056	.0000	.0001	.0001	-.0007	-.0714	.0001	-.0295	-.0000
#3	-.0040	-.0000	-.0003	-.0001	.0014	-.0636	.0005	-.0107	.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**.0735**	**-.0000**	**-.0046**	**-.0002**	**-.0025**	**.0004**	**.0025**	**.0039**
Stddev	.0005	.0084	.0004	.0014	.0010	.0051	.0009	.0016	.0004
%RSD	43.60	11.36	4241.	30.28	443.6	203.9	207.6	64.38	11.40
#1	.0017	.0681	.0004	-.0042	-.0010	-.0054	.0006	.0043	.0034
#2	.0008	.0694	-.0004	-.0062	-.0006	-.0055	.0012	.0012	.0042
#3	.0008	.0831	-.0001	-.0035	.0009	.0034	-.0005	.0020	.0040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 22:55:49 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**-.0000**	**.0006**	**-.0004**	**-.0000**	**.0009**	**.0003**	**.0001**
Stddev	.0006	.0001	.0006	.0020	.0003	.0009	.0002	.0001
%RSD	139.8	13390.	98.61	513.5	1022.	97.51	67.87	83.30
#1	.0009	-.0001	.0011	-.0004	.0001	.0000	.0002	.0001
#2	-.0002	.0001	-.0000	-.0023	.0001	.0009	.0006	.0002
#3	.0006	-.0000	.0007	.0016	-.0003	.0018	.0002	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7276.9**	**108560.**	**13164.**	**2965.5**
Stddev	15.7	320.	25.	5.0
%RSD	.21611	.29483	.18689	.17025
#1	7264.4	108920.	13189.	2959.8
#2	7271.7	108430.	13140.	2969.5
#3	7294.5	108320.	13163.	2967.1

Zoom In Zoom Out

Sample Name: mp37446-mb1 7 Acquired: 1/16/2023 23:01:04 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0230**	**-.0002**	**.0032**	**.0007**	**.0001**	**-.0000**	**.1326**	**.0002**
Stddev	.0005	.0083	.0005	.0010	.0000	.0000	.0011	.0005	.0003
%RSD	58.28	36.28	233.1	30.63	4.749	53.62	3490.	.4064	150.4
#1	-.0003	.0146	.0001	.0043	.0007	.0000	-.0008	.1320	-.0001
#2	-.0009	.0230	-.0009	.0025	.0007	.0001	-.0006	.1328	.0006
#3	-.0012	.0313	.0001	.0026	.0008	.0001	.0013	.1330	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0003**	**.0003**	**.0019**	**.0185**	**-.0115**	**-.0004**	**.0075**	**.0006**
Stddev	.0029	.0002	.0003	.0000	.0012	.0164	.0008	.0046	.0000
%RSD	574.0	73.51	104.3	1.714	6.327	143.0	198.2	61.56	4.988
#1	-.0020	.0002	.0000	.0018	.0172	-.0106	.0000	.0027	.0006
#2	-.0001	.0001	.0007	.0019	.0193	.0045	-.0013	.0077	.0006
#3	.0037	.0004	.0002	.0019	.0191	-.0283	.0001	.0119	.0006

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0931**	**.0004**	**.0236**	**.0006**	**.0054**	**.0010**	**.0019**	**.0119**
Stddev	.0001	.0091	.0001	.0027	.0013	.0020	.0021	.0027	.0022
%RSD	9.316	9.783	27.33	11.62	200.2	36.88	201.0	140.2	18.18
#1	.0008	.0831	.0005	.0250	.0002	.0033	.0027	-.0010	.0143
#2	.0008	.0954	.0003	.0204	.0021	.0072	.0018	.0044	.0113
#3	.0009	.1009	.0005	.0253	-.0004	.0057	-.0013	.0023	.0102

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0100**	**.0009**	**.0009**	**.0011**	**-.0001**	**.0005**	**.0061**	**.0002**
Stddev	.0011	.0001	.0001	.0026	.0001	.0008	.0000	.0002
%RSD	11.24	10.83	14.29	230.8	225.0	179.5	.7745	136.9
#1	.0089	.0008	.0008	.0029	-.0002	-.0004	.0061	-.0001
#2	.0112	.0010	.0009	-.0019	.0001	.0004	.0060	.0004
#3	.0099	.0009	.0010	.0024	-.0001	.0013	.0060	.0003

Zoom In Zoom Out

Sample Name: mp37446-mb1 7 Acquired: 1/16/2023 23:01:04 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7290.1**	**109110.**	**13357.**	**2969.4**
Stddev	21.6	252.	48.	7.8
%RSD	.29610	.23071	.35672	.26369
#1	7312.7	109190.	13317.	2975.5
#2	7269.7	108830.	13410.	2960.5
#3	7287.9	109310.	13344.	2972.1

Zoom In Zoom Out

Sample Name: mp37446-b1 Acquired: 1/16/2023 23:06:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2429**	**25.38**	**1.958**	**1.891**	**1.907**	**1.906**	**.2892**	**24.77**	**1.934**
Stddev	.0011	.06	.003	.006	.004	.004	.0020	.05	.005
%RSD	.4723	.2223	.1437	.3373	.1957	.2329	.6888	.1829	.2598
#1	.2427	25.44	1.962	1.897	1.911	1.911	.2872	24.82	1.939
#2	.2418	25.36	1.956	1.884	1.907	1.903	.2912	24.74	1.929
#3	.2441	25.34	1.957	1.892	1.904	1.903	.2892	24.74	1.935

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**1.950**	**1.906**	**1.896**	**24.43**	**25.72**	**.0008**	**24.59**	**1.957**
Stddev	.0041	.001	.009	.009	.06	.07	.0005	.06	.008
%RSD	705.1	.0732	.4775	.4802	.2522	.2571	63.33	.2529	.4011
#1	-.0001	1.952	1.902	1.893	24.50	25.80	.0002	24.64	1.954
#2	.0033	1.949	1.899	1.889	24.39	25.71	.0011	24.52	1.951
#3	-.0050	1.950	1.916	1.906	24.40	25.67	.0011	24.60	1.966

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.941**	**26.03**	**1.949**	**1.962**	**1.964**	**2.075**	**1.911**	**1.900**	**.0444**
Stddev	.004	.07	.002	.005	.001	.005	.006	.006	.0013
%RSD	.2140	.2511	.1233	.2330	.0658	.2484	.3162	.3070	2.820
#1	1.945	26.11	1.952	1.964	1.966	2.077	1.917	1.906	.0445
#2	1.937	26.01	1.947	1.957	1.964	2.069	1.906	1.895	.0431
#3	1.941	25.98	1.948	1.966	1.963	2.078	1.908	1.898	.0456

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.971**	**1.957**	**1.882**	**1.973**	**1.906**	**1.514**	**1.882**	**1.884**
Stddev	.004	.005	.008	.010	.008	.003	.005	.008
%RSD	.2079	.2433	.4242	.4995	.4056	.1677	.2446	.4182
#1	1.973	1.963	1.879	1.977	1.904	1.516	1.887	1.882
#2	1.967	1.956	1.876	1.981	1.900	1.511	1.879	1.877
#3	1.974	1.954	1.891	1.962	1.915	1.514	1.880	1.893

Zoom In Zoom Out

Sample Name: mp37446-b1 Acquired: 1/16/2023 23:06:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7157.7**	**107310.**	**13368.**	**2942.2**
Stddev	6.0	273.	65.	7.0
%RSD	.08390	.25482	.48264	.23779
#1	7152.5	107320.	13297.	2936.3
#2	7164.3	107580.	13423.	2949.9
#3	7156.4	107030.	13384.	2940.3

Zoom In Zoom Out

Sample Name: mp37446-s1 Acquired: 1/16/2023 23:11:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2405**	**116.0**	**1.918**	**1.807**	**2.471**	**1.813**	**1.232**	**125.0**	**1.893**
Stddev	.0001	.0	.004	.003	.002	.001	.003	.1	.004
%RSD	.0414	.0216	.2302	.1456	.0648	.0274	.2434	.0771	.1962
#1	.2404	116.0	1.914	1.804	2.469	1.814	1.229	125.1	1.890
#2	.2405	116.0	1.923	1.809	2.472	1.814	1.233	124.9	1.897
#3	.2406	115.9	1.916	1.806	2.472	1.813	1.235	125.0	1.891

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3054**	**1.921**	**1.949**	**2.066**	**144.6**	**46.66**	**.0863**	**89.31**	**3.986**
Stddev	.0008	.002	.007	.002	.1	.04	.0015	.20	.034
%RSD	.2657	.1148	.3717	.0968	.0512	.0926	1.779	.2225	.8447
#1	.3049	1.921	1.941	2.068	144.6	46.62	.0877	89.51	3.951
#2	.3050	1.923	1.950	2.066	144.5	46.67	.0864	89.11	3.987
#3	.3064	1.918	1.955	2.064	144.6	46.70	.0847	89.32	4.019

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.821**	**27.54**	**1.976**	**6.928**	**2.383**	**5.476**	**1.037**	**1.848**	**3.277**
Stddev	.001	.04	.003	.007	.003	.017	.001	.004	.007
%RSD	.0744	.1547	.1259	.1020	.1127	.3035	.0450	.1941	.2002
#1	1.821	27.52	1.978	6.927	2.381	5.468	1.037	1.852	3.283
#2	1.822	27.52	1.977	6.936	2.381	5.495	1.038	1.845	3.278
#3	1.819	27.59	1.973	6.921	2.386	5.465	1.037	1.846	3.270

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.822**	**2.054**	F **8.382**	**1.875**	**2.017**	**.9551**	**2.324**	**1.796**
Stddev	.001	.001	.012	.004	.004	.0028	.004	.002
%RSD	.0673	.0625	.1453	.2193	.1865	.2962	.1796	.0915
#1	1.822	2.053	8.369	1.873	2.013	.9554	2.324	1.795
#2	1.821	2.055	8.384	1.880	2.016	.9578	2.320	1.797
#3	1.823	2.055	8.393	1.873	2.021	.9521	2.328	1.798

Zoom In Zoom Out

Sample Name: mp37446-s1 Acquired: 1/16/2023 23:11:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6964.5**	**106870.**	**13619.**	**2921.1**
Stddev	4.0	522.	58.	3.4
%RSD	.05799	.48842	.42301	.11541
#1	6967.8	107260.	13575.	2924.6
#2	6965.6	107090.	13684.	2920.8
#3	6960.0	106280.	13596.	2917.8

Zoom In Zoom Out

Sample Name: mp37446-s2 Acquired: 1/16/2023 23:16:06 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2430**	**118.0**	**1.938**	**1.776**	**2.454**	**1.838**	**1.273**	**112.8**	**1.920**
Stddev	.0009	.1	.003	.001	.004	.004	.003	.2	.001
%RSD	.3551	.1106	.1540	.0280	.1766	.1937	.2317	.1703	.0723
#1	.2423	118.0	1.940	1.776	2.451	1.837	1.270	112.9	1.921
#2	.2440	117.9	1.940	1.776	2.452	1.836	1.273	112.6	1.920
#3	.2426	118.2	1.935	1.777	2.459	1.842	1.276	113.0	1.918

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2904**	**1.948**	**1.985**	**2.053**	**153.5**	**47.92**	**.0847**	**87.08**	**3.941**
Stddev	.0031	.002	.003	.001	.2	.05	.0016	.22	.025
%RSD	1.061	.0836	.1704	.0626	.1504	.0998	1.918	.2472	.6271
#1	.2939	1.946	1.985	2.054	153.5	47.97	.0864	87.30	3.938
#2	.2887	1.950	1.981	2.053	153.3	47.87	.0845	86.87	3.918
#3	.2885	1.948	1.988	2.052	153.7	47.92	.0831	87.07	3.967

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.847**	**27.65**	**2.001**	**6.319**	**2.433**	**4.948**	**1.086**	**1.868**	**3.387**
Stddev	.002	.05	.001	.005	.001	.008	.002	.003	.053
%RSD	.0836	.1663	.0406	.0872	.0257	.1527	.1779	.1528	1.569
#1	1.848	27.63	2.001	6.325	2.432	4.947	1.087	1.872	3.442
#2	1.848	27.61	2.002	6.317	2.433	4.956	1.084	1.866	3.336
#3	1.846	27.70	2.001	6.314	2.433	4.942	1.087	1.867	3.382

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.855**	**2.058**	F **8.671**	**1.898**	**2.052**	**.9294**	**2.362**	**1.809**
Stddev	.004	.002	.010	.004	.001	.0038	.002	.002
%RSD	.2108	.0984	.1159	.1891	.0522	.4102	.0941	.0898
#1	1.857	2.058	8.668	1.900	2.053	.9296	2.362	1.810
#2	1.858	2.056	8.664	1.901	2.051	.9332	2.365	1.809
#3	1.851	2.060	8.683	1.894	2.053	.9255	2.361	1.807

Zoom In Zoom Out

Sample Name: mp37446-s2 Acquired: 1/16/2023 23:16:06 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6981.4**	**106440.**	**13609.**	**2920.2**
Stddev	9.2	554.	40.	4.2
%RSD	.13116	.52084	.29684	.14345
#1	6981.4	106540.	13563.	2917.6
#2	6972.2	106930.	13628.	2918.0
#3	6990.5	105830.	13637.	2925.0

Zoom In Zoom Out

Sample Name: jd58693-21 Acquired: 1/16/2023 23:21:03 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**79.06**	**.0188**	**.0370**	**.5763**	**.0035**	**.8446**	**111.1**	**.0022**
Stddev	.0004	1.35	.0010	.0007	.0102	.0001	.0006	1.9	.0003
%RSD	143.6	1.705	5.138	1.865	1.773	1.729	.0665	1.720	12.07
#1	.0001	79.01	.0196	.0366	.5760	.0035	.8449	111.1	.0024
#2	.0000	77.74	.0190	.0366	.5663	.0034	.8440	109.2	.0024
#3	.0007	80.43	.0177	.0378	.5867	.0035	.8450	113.0	.0019

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3324**	**.0599**	**.1393**	**.1792**	**127.0**	**18.19**	**.0806**	**69.66**	**2.016**
Stddev	.0017	.0006	.0002	.0004	2.2	.29	.0022	1.17	.002
%RSD	.5072	.9877	.1355	.2265	1.758	1.582	2.767	1.674	.0748
#1	.3311	.0598	.1391	.1792	126.9	18.23	.0828	69.77	2.017
#2	.3343	.0595	.1392	.1788	124.8	17.88	.0784	68.45	2.014
#3	.3318	.0606	.1395	.1797	129.2	18.46	.0807	70.77	2.016

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029**	**2.402**	**.1199**	**5.327**	**.4708**	**5.786**	**.0103**	**.0003**	**1.918**
Stddev	.0003	.043	.0008	.008	.0022	.010	.0007	.0010	.008
%RSD	10.26	1.780	.6551	.1446	.4651	.1778	6.890	398.1	.4227
#1	.0033	2.411	.1191	5.319	.4683	5.787	.0109	.0010	1.914
#2	.0027	2.356	.1206	5.327	.4724	5.776	.0095	-.0009	1.912
#3	.0029	2.440	.1202	5.334	.4718	5.796	.0104	.0007	1.927

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0359**	**.2013**	**5.815**	**-.0010**	**.2114**	**.0083**	**.5609**	**.0160**
Stddev	.0015	.0036	.004	.0027	.0003	.0016	.0013	.0001
%RSD	4.221	1.794	.0698	258.1	.1483	19.50	.2286	.5891
#1	.0351	.2016	5.817	-.0018	.2117	.0101	.5595	.0159
#2	.0349	.1976	5.811	-.0033	.2112	.0082	.5621	.0160
#3	.0376	.2048	5.819	.0019	.2112	.0068	.5610	.0161

Zoom In Zoom Out

Sample Name: jd58693-21 Acquired: 1/16/2023 23:21:03 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7024.1**	**108270.**	**13761.**	**2946.0**
Stddev	21.0	147.	187.	7.6
%RSD	.29954	.13531	1.3610	.25831
#1	7043.9	108120.	13766.	2952.3
#2	7002.0	108270.	13945.	2937.5
#3	7026.4	108410.	13571.	2948.1

Zoom In Zoom Out

Sample Name: mp37446-sd1 Acquired: 1/16/2023 23:26:03 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0027**	**80.41**	**.0218**	**.0456**	**.5954**	**.0035**	**.8628**	**115.1**	**.0014**
Stddev	.0010	.07	.0006	.0045	.0004	.0004	.0063	.1	.0027
%RSD	36.61	.0891	2.913	9.831	.0725	10.44	.7277	.0660	193.7
#1	-.0024	80.33	.0224	.0506	.5953	.0036	.8564	115.1	.0020
#2	-.0019	80.42	.0212	.0420	.5959	.0030	.8632	115.1	-.0015
#3	-.0038	80.47	.0217	.0441	.5951	.0037	.8689	115.2	.0038

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3538**	**.0605**	**.1416**	**.1803**	**132.1**	**18.43**	**.0868**	**72.51**	**2.109**
Stddev	.0167	.0003	.0014	.0010	.1	.25	.0039	.08	.001
%RSD	4.712	.5095	1.001	.5370	.0849	1.350	4.521	.1058	.0236
#1	.3472	.0605	.1429	.1802	132.0	18.16	.0909	72.43	2.109
#2	.3727	.0607	.1401	.1795	132.2	18.66	.0863	72.58	2.109
#3	.3414	.0601	.1419	.1814	132.2	18.46	.0831	72.50	2.110

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031**	**2.540**	**.1199**	**5.319**	**.4840**	**5.677**	**.0070**	**.0019**	**1.867**
Stddev	.0014	.033	.0016	.014	.0122	.013	.0050	.0016	.044
%RSD	46.57	1.286	1.362	.2552	2.513	.2229	70.80	81.61	2.352
#1	.0043	2.567	.1187	5.311	.4732	5.684	.0081	.0004	1.818
#2	.0035	2.550	.1192	5.334	.4816	5.686	.0016	.0035	1.903
#3	.0015	2.504	.1218	5.311	.4972	5.663	.0114	.0019	1.881

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0268**	**.2087**	**5.910**	**-.0011**	**.2196**	**.0215**	**.5917**	**.0172**
Stddev	.0071	.0003	.003	.0105	.0007	.0083	.0011	.0002
%RSD	26.28	.1620	.0572	917.3	.3400	38.72	.1837	1.137
#1	.0305	.2085	5.913	.0050	.2187	.0306	.5924	.0173
#2	.0313	.2086	5.912	-.0133	.2200	.0142	.5904	.0170
#3	.0187	.2091	5.906	.0048	.2201	.0198	.5922	.0172

Zoom In Zoom Out

Sample Name: mp37446-sd1 Acquired: 1/16/2023 23:26:03 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7170.7**	**107890.**	**13325.**	**2952.8**
Stddev	10.6	174.	28.	6.3
%RSD	.14726	.16085	.21149	.21347
#1	7160.3	107900.	13358.	2945.5
#2	7181.5	108050.	13307.	2956.1
#3	7170.3	107710.	13311.	2956.7

Zoom In Zoom Out

Sample Name: jd58648-1 Acquired: 1/16/2023 23:31:07 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025**	**75.90**	**.1134**	**.1280**	**1.531**	**.0071**	**.8100**	F **554.5**
Stddev	.0008	.18	.0006	.0015	.002	.0001	.0127	4.4
%RSD	34.09	.2407	.5326	1.163	.1050	1.171	1.571	.7910
#1	.0024	76.04	.1130	.1280	1.532	.0070	.7962	559.4
#2	.0034	75.97	.1141	.1265	1.532	.0071	.8124	551.0
#3	.0017	75.70	.1131	.1295	1.529	.0071	.8213	553.1

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0173**	**.2333**	**.1087**	**.2321**	**.3757**	**76.71**	**20.76**	**.1099**
Stddev	.0005	.0031	.0002	.0003	.0006	.14	.02	.0010
%RSD	3.099	1.327	.2199	.1502	.1705	.1779	.0781	.9408
#1	.0171	.2317	.1089	.2320	.3756	76.83	20.77	.1091
#2	.0169	.2369	.1088	.2325	.3751	76.73	20.77	.1095
#3	.0179	.2313	.1085	.2318	.3764	76.56	20.74	.1110

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**42.08**	F **13.73**	**.0167**	**12.78**	**.1060**	**3.144**	**1.612**	**17.09**
Stddev	.07	.05	.0002	.03	.0004	.008	.003	.03
%RSD	.1644	.3532	1.200	.2138	.4228	.2531	.1872	.1533
#1	42.15	13.78	.0169	12.79	.1064	3.153	1.615	17.10
#2	42.10	13.72	.0165	12.80	.1061	3.139	1.609	17.06
#3	42.01	13.68	.0168	12.75	.1055	3.141	1.612	17.11

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0128**	**.0053**	**2.872**	**.0396**	**1.619**	**5.484**	F **-.0075**	**.1546**
Stddev	.0021	.0018	.042	.0007	.003	.070	.0014	.0003
%RSD	16.70	33.39	1.460	1.889	.1902	1.270	18.99	.2025
#1	.0110	.0035	2.916	.0392	1.622	5.413	-.0059	.1548
#2	.0152	.0070	2.865	.0404	1.620	5.488	-.0083	.1542
#3	.0123	.0055	2.833	.0390	1.616	5.552	-.0084	.1547

Zoom In Zoom Out

Sample Name: jd58648-1 Acquired: 1/16/2023 23:31:07 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0415**	F **22.73**	**.1094**
Stddev	.0003	.12	.0003
%RSD	.6241	.5449	.2368
#1	.0418	22.87	.1097
#2	.0413	22.65	.1092
#3	.0413	22.66	.1093

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6664.7**	**104560.**	**13546.**	**2871.0**
Stddev	19.1	286.	49.	12.2
%RSD	.28627	.27355	.36479	.42425
#1	6643.3	104240.	13514.	2857.1
#2	6680.0	104800.	13522.	2879.7
#3	6670.7	104620.	13603.	2876.3

Zoom In Zoom Out

Sample Name: jd58648-2 Acquired: 1/16/2023 23:36:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027**	**89.40**	**.2023**	**.1273**	**1.794**	**.0144**	**.8095**	F **573.1**
Stddev	.0004	.22	.0016	.0009	.005	.0001	.0012	9.0
%RSD	14.62	.2421	.8005	.6763	.2744	.5190	.1517	1.566
#1	.0031	89.61	.2039	.1281	1.799	.0144	.8095	568.7
#2	.0028	89.41	.2022	.1273	1.794	.0143	.8082	583.4
#3	.0023	89.17	.2007	.1264	1.789	.0144	.8107	567.1

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0180**	**.2638**	**.0856**	**.1378**	**.3338**	**106.5**	**21.55**	**.1347**
Stddev	.0006	.0023	.0003	.0005	.0003	.2	.12	.0018
%RSD	3.578	.8887	.3182	.3491	.0771	.1487	.5790	1.316
#1	.0184	.2613	.0857	.1382	.3341	106.7	21.66	.1366
#2	.0172	.2642	.0859	.1381	.3336	106.5	21.58	.1331
#3	.0183	.2660	.0853	.1373	.3338	106.4	21.42	.1344

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**53.64**	F **31.91**	**.0054**	**9.475**	**.1246**	**3.179**	**1.404**	**21.16**
Stddev	.17	.08	.0003	.010	.0006	.002	.003	.02
%RSD	.3114	.2472	4.844	.1067	.4795	.0595	.2108	.0755
#1	53.83	31.97	.0054	9.477	.1253	3.181	1.404	21.18
#2	53.58	31.82	.0056	9.484	.1244	3.178	1.401	21.15
#3	53.52	31.95	.0051	9.464	.1241	3.178	1.407	21.14

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0116**	**.0111**	**1.866**	**.0386**	**1.957**	**5.484**	F **-.0173**	**.1410**
Stddev	.0010	.0005	.012	.0005	.004	.010	.0025	.0003
%RSD	8.511	4.667	.6341	1.366	.2303	.1873	14.65	.2116
#1	.0127	.0105	1.859	.0382	1.962	5.478	-.0163	.1412
#2	.0107	.0115	1.859	.0385	1.956	5.477	-.0154	.1407
#3	.0114	.0113	1.879	.0392	1.953	5.495	-.0202	.1411

Zoom In Zoom Out

Sample Name: jd58648-2 Acquired: 1/16/2023 23:36:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0360**	F **16.83**	**.1227**
Stddev	.0003	.01	.0003
%RSD	.9428	.0891	.2671
#1	.0362	16.83	.1227
#2	.0357	16.82	.1224
#3	.0363	16.85	.1230

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6692.5**	**104860.**	**13665.**	**2885.2**
Stddev	8.7	297.	40.	1.9
%RSD	.13057	.28345	.28974	.06721
#1	6699.0	104570.	13697.	2886.9
#2	6682.6	105160.	13620.	2885.6
#3	6696.0	104840.	13677.	2883.1

Zoom In Zoom Out

Sample Name: jd58648-3 Acquired: 1/16/2023 23:41:39 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**87.75**	**.1736**	**.1714**	**1.638**	**.0099**	**.7416**	F **545.0**
Stddev	.0003	.18	.0004	.0017	.002	.0001	.0031	4.9
%RSD	187.9	.2074	.2274	.9951	.1176	.7251	.4159	.9058
#1	.0004	87.95	.1738	.1697	1.640	.0100	.7395	550.6
#2	-.0002	87.61	.1732	.1713	1.636	.0099	.7452	543.0
#3	.0003	87.68	.1739	.1731	1.638	.0098	.7403	541.3

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0189**	**.2644**	**.0705**	**.3084**	**.2175**	**101.4**	**20.82**	**.1421**
Stddev	.0002	.0008	.0004	.0007	.0004	.3	.07	.0011
%RSD	1.216	.2964	.5469	.2428	.1889	.2656	.3309	.7968
#1	.0191	.2646	.0705	.3086	.2173	101.7	20.89	.1417
#2	.0187	.2636	.0709	.3091	.2173	101.2	20.75	.1412
#3	.0188	.2651	.0702	.3076	.2180	101.2	20.83	.1434

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**60.82**	F **15.03**	**.0058**	**11.62**	**.1962**	**2.393**	**1.507**	**37.14**
Stddev	.36	.06	.0007	.03	.0009	.003	.003	.03
%RSD	.5842	.4122	11.29	.2736	.4794	.1145	.2054	.0895
#1	61.22	15.01	.0050	11.66	.1952	2.391	1.510	37.15
#2	60.54	15.10	.0061	11.60	.1963	2.393	1.504	37.11
#3	60.69	14.98	.0062	11.62	.1971	2.396	1.506	37.17

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0069**	**.0064**	**3.327**	**.0216**	**2.722**	**5.029**	F **-.0078**	**.1591**
Stddev	.0006	.0027	.012	.0011	.004	.018	.0023	.0005
%RSD	9.065	42.34	.3460	4.984	.1489	.3509	29.51	.2918
#1	.0064	.0057	3.340	.0213	2.726	5.017	-.0053	.1596
#2	.0067	.0095	3.322	.0206	2.718	5.049	-.0098	.1587
#3	.0076	.0041	3.319	.0227	2.721	5.019	-.0082	.1591

Zoom In Zoom Out

Sample Name: jd58648-3 Acquired: 1/16/2023 23:41:39 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0201**	**7.393**	**.1644**
Stddev	.0018	.004	.0004
%RSD	9.070	.0489	.2546
#1	.0200	7.393	.1647
#2	.0220	7.389	.1640
#3	.0183	7.396	.1646

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6684.5**	**104650.**	**13568.**	**2874.3**
Stddev	4.9	188.	134.	2.0
%RSD	.07350	.17956	.98672	.06932
#1	6689.7	104450.	13415.	2873.3
#2	6680.0	104810.	13660.	2872.9
#3	6683.7	104700.	13630.	2876.6

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 23:46:57 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2589**	**41.19**	**2.125**	**2.134**	**2.075**	**2.049**	**2.087**	**39.73**	**2.098**
Stddev	.0002	.34	.003	.003	.018	.017	.002	.34	.001
%RSD	.0866	.8235	.1268	.1396	.8710	.8182	.0807	.8611	.0485
#1	.2590	41.08	2.126	2.130	2.065	2.042	2.087	39.62	2.099
#2	.2587	41.57	2.127	2.136	2.096	2.068	2.088	40.11	2.098
#3	.2591	40.92	2.122	2.135	2.064	2.037	2.085	39.46	2.098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.081**	**2.104**	**2.054**	**2.041**	**39.20**	**41.81**	**2.118**	**39.63**	**2.104**
Stddev	.003	.001	.001	.004	.32	.35	.017	.32	.002
%RSD	.1531	.0671	.0485	.1738	.8258	.8286	.7858	.8174	.0838
#1	2.084	2.105	2.054	2.045	39.10	41.71	2.109	39.53	2.102
#2	2.079	2.102	2.055	2.038	39.56	42.20	2.137	39.99	2.104
#3	2.078	2.105	2.053	2.041	38.94	41.53	2.108	39.37	2.105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.146**	**42.07**	**2.102**	**2.120**	**2.119**	**2.119**	**2.125**	**2.089**	**5.201**
Stddev	.001	.40	.002	.002	.002	.009	.004	.004	.001
%RSD	.0281	.9625	.0691	.1076	.0798	.4269	.1764	.2083	.0166
#1	2.147	41.88	2.103	2.121	2.121	2.124	2.129	2.089	5.201
#2	2.146	42.53	2.101	2.121	2.120	2.125	2.126	2.094	5.201
#3	2.146	41.79	2.103	2.117	2.118	2.109	2.121	2.085	5.202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/16/2023 23:46:57 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.158**	**2.124**	**2.091**	**2.121**	**2.059**	**2.158**	**2.025**	**2.079**
Stddev	.001	.020	.002	.004	.001	.002	.003	.002
%RSD	.0383	.9163	.0928	.2003	.0365	.0954	.1358	.0943
#1	2.158	2.115	2.093	2.125	2.058	2.161	2.028	2.080
#2	2.158	2.146	2.089	2.119	2.058	2.157	2.022	2.077
#3	2.157	2.110	2.090	2.117	2.060	2.157	2.026	2.080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7020.4**	**105250.**	**13072.**	**2907.1**
Stddev	17.6	303.	172.	6.6
%RSD	.25049	.28786	1.3122	.22758
#1	7006.4	105600.	13010.	2900.3
#2	7040.2	105090.	12940.	2913.5
#3	7014.7	105070.	13266.	2907.4

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 23:51:47 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**-.0051**	**-.0000**	**.0028**	**-.0002**	**-.0001**	**-.0008**	**-.0064**	**-.0002**
Stddev	.0003	.0049	.0009	.0005	.0003	.0000	.0008	.0012	.0003
%RSD	30.07	96.49	2070.	16.54	169.5	43.40	103.1	17.96	186.7
#1	-.0006	-.0009	.0009	.0031	-.0004	-.0001	-.0017	-.0066	-.0005
#2	-.0008	-.0039	-.0007	.0032	.0001	-.0001	-.0004	-.0075	-.0001
#3	-.0011	-.0105	-.0004	.0023	-.0002	-.0000	-.0002	-.0052	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**.0004**	**-.0003**	**.0003**	**-.0028**	**-.0368**	**.0006**	**-.0209**	**.0000**
Stddev	.0032	.0003	.0003	.0001	.0031	.0065	.0023	.0067	.0000
%RSD	217.3	71.86	94.54	34.07	109.7	17.73	384.4	32.04	40.69
#1	.0017	.0006	-.0003	.0002	-.0022	-.0412	-.0012	-.0181	.0000
#2	-.0046	.0001	-.0007	.0003	-.0001	-.0400	-.0001	-.0160	.0000
#3	-.0015	.0005	-.0001	.0003	-.0062	-.0293	.0031	-.0285	.0000
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0303**	**.0000**	**-.0035**	**.0003**	**-.0007**	**.0003**	**.0011**	**.0016**
Stddev	.0003	.0048	.0002	.0010	.0008	.0027	.0019	.0008	.0014
%RSD	72.99	15.94	680.5	30.04	290.0	375.5	626.3	74.74	91.87
#1	.0007	.0358	.0000	-.0027	.0003	.0011	.0013	.0010	.0003
#2	.0003	.0278	-.0002	-.0046	.0011	.0006	.0015	.0020	.0013
#3	.0001	.0272	.0003	-.0031	-.0006	-.0038	-.0019	.0003	.0031
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/16/2023 23:51:47 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0000**	**.0000**	**.0002**	**-.0001**	**.0025**	**-.0007**	**.0001**
Stddev	.0012	.0001	.0002	.0013	.0003	.0007	.0001	.0001
%RSD	4092.	2969.	898.7	882.0	273.2	27.70	11.13	121.8
#1	-.0013	-.0001	-.0001	-.0008	.0002	.0028	-.0007	.0002
#2	.0007	.0000	-.0001	-.0004	-.0002	.0017	-.0008	-.0000
#3	.0007	.0000	.0003	.0017	-.0003	.0030	-.0007	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7300.6**	**108400.**	**13066.**	**2972.4**
Stddev	11.1	434.	21.	5.0
%RSD	.15266	.40044	.16182	.16778
#1	7306.6	107900.	13045.	2975.1
#2	7287.8	108620.	13087.	2966.7
#3	7307.6	108690.	13065.	2975.5

Zoom In Zoom Out

Sample Name: jd58648-4 Acquired: 1/16/2023 23:57:02 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052**	**92.78**	**.3510**	**.1508**	**2.487**	**.0150**	**.8083**	F **657.7**
Stddev	.0003	.15	.0014	.0013	.001	.0001	.0024	10.2
%RSD	5.409	.1586	.4055	.8648	.0337	.4821	.3007	1.545
#1	.0052	92.73	.3522	.1493	2.487	.0150	.8079	664.4
#2	.0055	92.67	.3494	.1516	2.487	.0150	.8108	646.0
#3	.0050	92.95	.3513	.1515	2.488	.0149	.8060	662.7

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0295**	**.3230**	**.1025**	**.2266**	**.6199**	**155.6**	**18.92**	**.1453**
Stddev	.0001	.0017	.0004	.0003	.0013	.2	.06	.0024
%RSD	.2980	.5292	.3856	.1180	.2101	.1433	.3388	1.649
#1	.0296	.3250	.1023	.2267	.6210	155.5	18.95	.1436
#2	.0295	.3220	.1023	.2262	.6201	155.4	18.85	.1442
#3	.0294	.3220	.1030	.2267	.6185	155.8	18.97	.1480

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**56.20**	F **35.86**	**.0093**	**11.29**	**.1461**	**2.371**	**1.853**	**61.00**
Stddev	.15	.02	.0002	.01	.0005	.006	.004	.07
%RSD	.2742	.0693	1.901	.0508	.3679	.2413	.2032	.1152
#1	56.22	35.84	.0093	11.29	.1464	2.377	1.853	61.02
#2	56.03	35.86	.0095	11.28	.1454	2.370	1.850	61.06
#3	56.34	35.89	.0091	11.29	.1464	2.366	1.857	60.92

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0124**	**.0144**	**2.878**	**.0555**	**1.649**	**5.489**	F **-.0168**	**.1568**
Stddev	.0024	.0018	.012	.0014	.001	.009	.0039	.0000
%RSD	19.01	12.50	.4183	2.488	.0793	.1666	23.35	.0112
#1	.0101	.0146	2.886	.0544	1.649	5.489	-.0212	.1568
#2	.0123	.0160	2.864	.0570	1.651	5.499	-.0157	.1568
#3	.0149	.0125	2.885	.0549	1.648	5.480	-.0135	.1569

Zoom In Zoom Out

Sample Name: jd58648-4 Acquired: 1/16/2023 23:57:02 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0618**	F **30.81**	**.3749**
Stddev	.0008	.08	.0005
%RSD	1.264	.2683	.1271
#1	.0615	30.73	.3752
#2	.0612	30.80	.3751
#3	.0627	30.90	.3743

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6694.5**	**105290.**	**13653.**	**2876.7**
Stddev	18.5	288.	98.	8.3
%RSD	.27588	.27394	.71793	.29023
#1	6707.9	105610.	13688.	2884.9
#2	6702.2	105230.	13729.	2877.0
#3	6673.4	105040.	13542.	2868.2

Zoom In Zoom Out

Sample Name: jd58648-5 Acquired: 1/17/2023 0:02:18 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0037**	**120.9**	**.0212**	**.2395**	**.9313**	**.0054**	**.7026**	F **1101.**	**.0019**
Stddev	.0002	2.5	.0013	.0014	.0199	.0001	.0022	28.	.0002
%RSD	5.244	2.031	6.149	.6047	2.136	2.206	.3184	2.580	9.762
#1	-.0035	123.7	.0197	.2395	.9542	.0056	.7040	1133.	.0017
#2	-.0036	119.6	.0219	.2410	.9214	.0053	.7037	1085.	.0019
#3	-.0039	119.3	.0220	.2381	.9184	.0054	.7000	1084.	.0021

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2152**	**.1771**	**.1284**	**.1053**	**89.09**	**16.26**	**.0901**	**74.21**	**2.657**
Stddev	.0026	.0005	.0007	.0008	1.93	.29	.0027	1.64	.005
%RSD	1.228	.2654	.5527	.7454	2.161	1.804	2.989	2.209	.1785
#1	.2151	.1771	.1276	.1059	91.30	16.60	.0932	76.08	2.652
#2	.2179	.1776	.1288	.1057	88.11	16.13	.0881	73.50	2.661
#3	.2126	.1767	.1288	.1044	87.85	16.06	.0891	73.04	2.659

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**11.83**	**.2131**	**4.258**	**.2236**	**23.00**	**.0100**	**.0035**	**1.018**
Stddev	.0003	.23	.0004	.007	.0015	.04	.0019	.0019	.011
%RSD	13.93	1.975	.1702	.1653	.6693	.1683	18.47	53.19	1.119
#1	.0021	12.10	.2131	4.261	.2243	23.01	.0118	.0024	1.028
#2	.0019	11.71	.2134	4.264	.2219	23.03	.0102	.0025	1.006
#3	.0016	11.68	.2127	4.250	.2246	22.95	.0081	.0057	1.022

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0207**	**7.515**	**4.707**	**-.0016**	**.1352**	**.3434**	**.6774**	**.1380**
Stddev	.0009	.258	.005	.0044	.0002	.0024	.0008	.0004
%RSD	4.370	3.438	.1038	270.5	.1723	.6991	.1229	.2745
#1	.0217	7.796	4.701	.0031	.1350	.3419	.6772	.1379
#2	.0205	7.461	4.710	-.0055	.1355	.3462	.6783	.1384
#3	.0199	7.287	4.709	-.0024	.1352	.3421	.6767	.1376

Zoom In Zoom Out

Sample Name: jd58648-5 Acquired: 1/17/2023 0:02:18 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6450.3**	**101360.**	**13202.**	**2784.8**
Stddev	3.0	338.	238.	2.3
%RSD	.04702	.33390	1.8023	.08106
#1	6448.1	101750.	12928.	2786.0
#2	6449.0	101170.	13333.	2786.3
#3	6453.7	101170.	13347.	2782.2

Zoom In Zoom Out

Sample Name: jd58648-6 Acquired: 1/17/2023 0:07:34 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0032**	**96.05**	**.0158**	**.2088**	**.6467**	**.0043**	**.5295**	F **904.8**	**.0037**
Stddev	.0002	.16	.0015	.0002	.0009	.0001	.0012	9.4	.0002
%RSD	6.598	.1653	9.493	.1089	.1457	1.633	.2351	1.040	6.526
#1	-.0030	96.10	.0175	.2087	.6459	.0043	.5308	894.9	.0037
#2	-.0034	96.19	.0147	.2087	.6477	.0042	.5283	905.8	.0040
#3	-.0033	95.88	.0152	.2091	.6466	.0043	.5295	913.6	.0035

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1998**	**.0634**	**.0987**	**.1142**	**76.94**	**9.642**	**.0718**	**40.99**	**2.024**
Stddev	.0030	.0004	.0002	.0002	.06	.010	.0014	.05	.001
%RSD	1.494	.7003	.1753	.1872	.0742	.1010	1.884	.1251	.0520
#1	.2030	.0629	.0988	.1142	76.94	9.650	.0733	41.05	2.023
#2	.1971	.0635	.0985	.1140	76.99	9.631	.0707	40.95	2.025
#3	.1992	.0638	.0989	.1144	76.88	9.645	.0713	40.98	2.023

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020**	**5.124**	**.1005**	**3.387**	**.2400**	**18.78**	**.0061**	**.0012**	**.9560**
Stddev	.0003	.003	.0006	.007	.0004	.04	.0007	.0048	.0108
%RSD	12.72	.0669	.5551	.2048	.1718	.2120	12.07	415.2	1.131
#1	.0018	5.126	.1012	3.386	.2399	18.82	.0055	-.0042	.9536
#2	.0021	5.120	.1002	3.394	.2405	18.79	.0069	.0051	.9678
#3	.0023	5.126	.1002	3.381	.2397	18.74	.0058	.0026	.9466

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0181**	**6.701**	**3.553**	**.0013**	**.1059**	**.0928**	**.7719**	**.1122**
Stddev	.0005	.110	.004	.0020	.0008	.0017	.0013	.0002
%RSD	2.554	1.635	.1182	151.2	.7290	1.790	.1683	.1997
#1	.0176	6.607	3.550	.0036	.1062	.0947	.7733	.1123
#2	.0184	6.674	3.558	-.0001	.1064	.0918	.7707	.1124
#3	.0183	6.821	3.552	.0004	.1050	.0919	.7719	.1120

Zoom In Zoom Out

Sample Name: jd58648-6 Acquired: 1/17/2023 0:07:34 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6520.0**	**101780.**	**13251.**	**2795.1**
Stddev	5.3	307.	24.	4.6
%RSD	.08142	.30171	.17939	.16436
#1	6513.9	101900.	13225.	2789.8
#2	6522.2	102020.	13272.	2797.6
#3	6523.8	101430.	13256.	2798.0

Zoom In Zoom Out

Sample Name: jd58648-7 Acquired: 1/17/2023 0:12:51 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0038**	**104.9**	**.0210**	**.2372**	**.8689**	**.0046**	**.5879**	F **991.8**	**.0015**
Stddev	.0001	.1	.0010	.0008	.0007	.0000	.0012	12.5	.0002
%RSD	3.628	.0573	4.566	.3307	.0828	.9381	.1969	1.257	15.09
#1	-.0040	104.9	.0200	.2379	.8692	.0047	.5866	1005.	.0013
#2	-.0037	104.9	.0211	.2363	.8681	.0046	.5889	989.1	.0017
#3	-.0039	105.0	.0219	.2372	.8695	.0046	.5881	980.9	.0014

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1839**	**.1387**	**.1063**	**.0896**	**73.99**	**16.61**	**.0816**	**45.85**	**2.035**
Stddev	.0045	.0009	.0002	.0003	.09	.01	.0009	.19	.005
%RSD	2.448	.6432	.1588	.3902	.1212	.0715	1.117	.4213	.2263
#1	.1824	.1390	.1063	.0899	74.09	16.59	.0826	46.08	2.037
#2	.1803	.1394	.1061	.0897	73.94	16.61	.0812	45.76	2.038
#3	.1889	.1377	.1065	.0892	73.94	16.62	.0809	45.72	2.029

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**10.49**	**.1017**	**3.355**	**.0882**	**27.04**	**.0081**	**.0031**	**.8416**
Stddev	.0003	.00	.0005	.011	.0013	.11	.0009	.0035	.0167
%RSD	23.37	.0261	.4759	.3316	1.434	.3959	11.39	111.5	1.990
#1	.0010	10.50	.1022	3.363	.0868	27.15	.0084	.0048	.8609
#2	.0015	10.49	.1017	3.360	.0886	27.04	.0088	.0054	.8322
#3	.0012	10.49	.1012	3.343	.0893	26.94	.0070	-.0009	.8316

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0179**	**7.562**	**3.939**	**-.0007**	**.1088**	**.2873**	**.2836**	**.1243**
Stddev	.0010	.040	.006	.0030	.0003	.0017	.0009	.0001
%RSD	5.302	.5242	.1536	453.0	.2932	.5991	.3340	.0992
#1	.0171	7.586	3.943	.0012	.1091	.2853	.2844	.1243
#2	.0190	7.516	3.942	.0010	.1088	.2881	.2839	.1243
#3	.0177	7.584	3.932	-.0042	.1084	.2884	.2826	.1241

Zoom In Zoom Out

Sample Name: jd58648-7 Acquired: 1/17/2023 0:12:51 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6502.8**	**102030.**	**13232.**	**2795.6**
Stddev	18.5	349.	45.	6.0
%RSD	.28398	.34197	.34028	.21392
#1	6496.3	101840.	13188.	2792.1
#2	6488.5	101820.	13230.	2792.3
#3	6523.7	102430.	13278.	2802.5

Zoom In Zoom Out

Sample Name: jd58648-8 Acquired: 1/17/2023 0:18:08 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0041**	**90.35**	**.0206**	**.1935**	**2.520**	**.0040**	**.4959**	F **1001.**	**.0026**
Stddev	.0006	.14	.0025	.0010	.001	.0000	.0018	14.	.0001
%RSD	13.95	.1582	12.37	.5012	.0445	.8634	.3704	1.376	3.546
#1	-.0038	90.48	.0198	.1928	2.519	.0041	.4941	1003.	.0027
#2	-.0047	90.20	.0234	.1946	2.519	.0040	.4958	985.6	.0026
#3	-.0037	90.37	.0185	.1932	2.521	.0041	.4977	1013.	.0026

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2284**	**.0564**	**.0986**	**.1560**	**64.52**	**11.52**	**.0571**	**180.6**	**2.010**
Stddev	.0018	.0003	.0004	.0002	.13	.02	.0003	.5	.001
%RSD	.7799	.6180	.3764	.1060	.1985	.1561	.4391	.2632	.0556
#1	.2264	.0562	.0983	.1561	64.65	11.50	.0568	181.0	2.010
#2	.2289	.0568	.0984	.1558	64.39	11.51	.0572	180.0	2.011
#3	.2299	.0562	.0990	.1561	64.51	11.53	.0573	180.7	2.008

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029**	**7.050**	**.1098**	**3.087**	**.1729**	**22.60**	**.0058**	**.0008**	**.9053**
Stddev	.0005	.008	.0009	.013	.0015	.07	.0012	.0016	.0121
%RSD	17.02	.1186	.7752	.4078	.8771	.2955	21.16	191.5	1.336
#1	.0033	7.051	.1097	3.076	.1719	22.53	.0069	.0021	.8955
#2	.0029	7.040	.1107	3.101	.1747	22.66	.0060	.0013	.9015
#3	.0023	7.057	.1090	3.085	.1722	22.61	.0045	-.0010	.9188

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0207**	**5.518**	**3.324**	**.0001**	**.1100**	**.0386**	**.6982**	**.0991**
Stddev	.0007	.003	.001	.0018	.0003	.0033	.0022	.0005
%RSD	3.501	.0527	.0231	1536.	.2888	8.611	.3170	.4557
#1	.0210	5.518	3.323	-.0018	.1099	.0380	.6974	.0989
#2	.0212	5.515	3.324	.0005	.1103	.0357	.7007	.0988
#3	.0199	5.521	3.324	.0017	.1097	.0422	.6964	.0996

Zoom In Zoom Out

Sample Name: jd58648-8 Acquired: 1/17/2023 0:18:08 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6425.5**	**101030.**	**13270.**	**2761.2**
Stddev	15.3	188.	55.	7.9
%RSD	.23831	.18607	.41157	.28747
#1	6426.2	100930.	13211.	2761.8
#2	6409.9	100900.	13320.	2753.1
#3	6440.5	101240.	13279.	2768.9

Zoom In Zoom Out

Sample Name: jd58648-9 Acquired: 1/17/2023 0:23:16 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0020**	**67.13**	**.0329**	**.1040**	**.5171**	**.0083**	**.8601**	F **419.5**	**.0005**
Stddev	.0007	.13	.0027	.0023	.0008	.0001	.0146	3.3	.0002
%RSD	35.55	.1879	8.343	2.207	.1455	1.053	1.700	.7887	35.79
#1	-.0028	67.27	.0315	.1053	.5179	.0084	.8769	418.5	.0003
#2	-.0018	67.04	.0312	.1013	.5168	.0082	.8501	416.8	.0006
#3	-.0014	67.07	.0361	.1053	.5165	.0084	.8532	423.2	.0006

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2748**	**.1090**	**.3020**	**.2283**	**81.51**	**22.44**	**.0959**	**45.69**	**.7362**
Stddev	.0048	.0001	.0052	.0035	.09	.03	.0023	.10	.0109
%RSD	1.753	.1208	1.718	1.519	.1152	.1486	2.396	.2169	1.484
#1	.2802	.1089	.3079	.2323	81.62	22.43	.0973	45.80	.7488
#2	.2732	.1091	.2987	.2265	81.45	22.48	.0932	45.63	.7298
#3	.2709	.1089	.2992	.2261	81.46	22.41	.0971	45.62	.7299

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0076**	**8.164**	**.1513**	**3.403**	**.0629**	**17.21**	**.0086**	**.0090**	**2.057**
Stddev	.0002	.009	.0008	.006	.0017	.05	.0006	.0005	.037
%RSD	2.756	.1146	.5084	.1864	2.674	.2852	6.961	5.357	1.805
#1	.0075	8.173	.1519	3.401	.0648	17.20	.0084	.0094	2.087
#2	.0074	8.162	.1515	3.410	.0624	17.26	.0082	.0091	2.068
#3	.0078	8.155	.1504	3.397	.0615	17.17	.0093	.0084	2.015

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0223**	**.9104**	**5.833**	**.0038**	**.2252**	**.1076**	**.2082**	**.1162**
Stddev	.0007	.0013	.091	.0031	.0032	.0019	.0003	.0020
%RSD	3.046	.1472	1.553	81.53	1.442	1.798	.1432	1.697
#1	.0220	.9119	5.938	.0003	.2289	.1090	.2085	.1184
#2	.0218	.9098	5.783	.0051	.2240	.1084	.2082	.1148
#3	.0231	.9094	5.780	.0060	.2228	.1054	.2079	.1152

Zoom In Zoom Out

Sample Name: jd58648-9 Acquired: 1/17/2023 0:23:16 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6752.2**	**105980.**	**13821.**	**2926.0**
Stddev	4.9	1354.	36.	1.3
%RSD	.07248	1.2777	.26385	.04478
#1	6748.0	104480.	13818.	2925.3
#2	6751.0	107110.	13859.	2925.2
#3	6757.6	106350.	13786.	2927.5

Zoom In Zoom Out

Sample Name: jd58648-10 Acquired: 1/17/2023 0:28:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0041**	**80.28**	**.0227**	**.1784**	**2.465**	**.0040**	**.4660**	F **758.2**	**.0038**
Stddev	.0001	.16	.0008	.0009	.001	.0001	.0008	6.0	.0003
%RSD	3.338	.1942	3.694	.4927	.0475	1.539	.1784	.7936	6.793
#1	-.0041	80.10	.0237	.1794	2.466	.0039	.4664	757.2	.0035
#2	-.0042	80.35	.0221	.1779	2.464	.0039	.4665	764.6	.0039
#3	-.0039	80.39	.0225	.1779	2.464	.0040	.4650	752.7	.0039

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1762**	**.0602**	**.1230**	**.1544**	**86.01**	**17.64**	**.0680**	**40.87**	**2.104**
Stddev	.0018	.0003	.0005	.0005	.19	.01	.0018	.14	.001
%RSD	1.016	.5507	.4333	.3429	.2222	.0645	2.698	.3351	.0438
#1	.1778	.0601	.1230	.1550	85.80	17.64	.0659	40.76	2.105
#2	.1766	.0606	.1235	.1540	86.18	17.65	.0694	41.02	2.103
#3	.1743	.0600	.1224	.1541	86.05	17.62	.0687	40.82	2.103

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**8.765**	**.1354**	**3.337**	**.3405**	**19.27**	**.0075**	**.0043**	**1.097**
Stddev	.0002	.007	.0012	.007	.0008	.05	.0002	.0040	.004
%RSD	11.41	.0807	.8890	.2010	.2213	.2790	3.141	93.83	.3436
#1	.0018	8.757	.1362	3.341	.3413	19.30	.0074	.0006	1.101
#2	.0022	8.770	.1361	3.342	.3404	19.30	.0073	.0085	1.097
#3	.0022	8.768	.1341	3.330	.3398	19.21	.0077	.0036	1.093

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0205**	**5.852**	**3.131**	**.0041**	**.1076**	**.0628**	**1.118**	**.0901**
Stddev	.0007	.120	.002	.0032	.0004	.0013	.003	.0003
%RSD	3.316	2.053	.0771	77.83	.4165	2.034	.2955	.2936
#1	.0200	5.863	3.133	.0012	.1079	.0628	1.121	.0901
#2	.0213	5.965	3.132	.0036	.1070	.0641	1.117	.0904
#3	.0201	5.726	3.128	.0075	.1077	.0615	1.114	.0899

Zoom In Zoom Out

Sample Name: jd58648-10 Acquired: 1/17/2023 0:28:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6607.4**	**103000.**	**13354.**	**2817.0**
Stddev	27.6	90.	89.	12.5
%RSD	.41828	.08727	.66475	.44267
#1	6576.5	102920.	13432.	2803.1
#2	6615.9	103100.	13257.	2820.6
#3	6629.8	102990.	13371.	2827.3

Zoom In Zoom Out

Sample Name: jd58648-11 Acquired: 1/17/2023 0:33:41 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0022**	**84.81**	**.0504**	**.1326**	**.7339**	**.0127**	**1.032**	F **650.4**	**.0012**
Stddev	.0003	.12	.0014	.0006	.0008	.0000	.003	4.7	.0001
%RSD	14.27	.1363	2.705	.4249	.1121	.3083	.2822	.7287	4.860
#1	-.0023	84.93	.0489	.1332	.7345	.0126	1.036	650.2	.0012
#2	-.0018	84.69	.0516	.1320	.7330	.0127	1.030	645.8	.0012
#3	-.0024	84.81	.0507	.1326	.7342	.0126	1.032	655.3	.0011

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3081**	**.1227**	**.3525**	**.2504**	**80.40**	**24.59**	**.1157**	**43.44**	**.7523**
Stddev	.0020	.0006	.0010	.0002	.08	.06	.0009	.06	.0016
%RSD	.6524	.4874	.2713	.0867	.1044	.2494	.8095	.1488	.2160
#1	.3066	.1230	.3531	.2506	80.45	24.58	.1151	43.48	.7538
#2	.3074	.1231	.3514	.2502	80.30	24.53	.1152	43.36	.7506
#3	.3104	.1220	.3529	.2502	80.44	24.65	.1168	43.47	.7524

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0115**	**8.259**	**.1883**	**4.207**	**.0922**	**24.48**	**.0117**	**.0167**	**1.422**
Stddev	.0003	.011	.0006	.011	.0010	.07	.0018	.0009	.004
%RSD	2.879	.1386	.3148	.2487	1.123	.2694	15.52	5.647	.2845
#1	.0117	8.268	.1886	4.217	.0934	24.55	.0096	.0161	1.422
#2	.0117	8.246	.1888	4.209	.0917	24.49	.0124	.0178	1.426
#3	.0111	8.263	.1877	4.196	.0916	24.42	.0131	.0161	1.418

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0238**	**1.417**	**6.999**	**.0002**	**.2791**	**.1248**	**.2759**	**.1736**
Stddev	.0011	.002	.010	.0027	.0005	.0015	.0015	.0004
%RSD	4.758	.1114	.1479	1263.	.1621	1.207	.5397	.2261
#1	.0250	1.418	7.009	-.0002	.2792	.1230	.2764	.1738
#2	.0236	1.415	6.988	.0031	.2787	.1257	.2771	.1732
#3	.0228	1.416	7.000	-.0023	.2796	.1256	.2743	.1739

Zoom In Zoom Out

Sample Name: jd58648-11 Acquired: 1/17/2023 0:33:41 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6664.3**	**106390.**	**13776.**	**2925.5**
Stddev	18.0	437.	60.	11.1
%RSD	.27083	.41092	.43259	.38011
#1	6664.0	106030.	13731.	2927.7
#2	6646.4	106870.	13844.	2913.5
#3	6682.5	106260.	13753.	2935.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 0:38:50 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2604**	**41.28**	**2.135**	**2.142**	**2.077**	**2.045**	**2.097**	**39.64**	**2.105**
Stddev	.0006	.11	.003	.002	.006	.004	.002	.09	.002
%RSD	.2304	.2573	.1171	.0834	.2931	.2082	.1103	.2145	.0730
#1	.2611	41.33	2.133	2.140	2.073	2.043	2.097	39.60	2.105
#2	.2600	41.16	2.137	2.144	2.074	2.042	2.099	39.58	2.107
#3	.2600	41.36	2.133	2.142	2.084	2.050	2.094	39.74	2.104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.087**	**2.108**	**2.056**	**2.045**	**39.07**	**41.81**	**2.119**	**39.51**	**2.109**
Stddev	.003	.003	.003	.001	.09	.10	.006	.12	.003
%RSD	.1408	.1468	.1197	.0424	.2365	.2393	.2624	.2956	.1579
#1	2.084	2.112	2.058	2.045	38.99	41.79	2.118	39.51	2.112
#2	2.090	2.106	2.054	2.044	39.04	41.72	2.114	39.39	2.106
#3	2.087	2.107	2.054	2.046	39.17	41.92	2.125	39.62	2.107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.155**	**42.15**	**2.106**	**2.133**	**2.126**	**2.124**	**2.135**	**2.102**	**5.221**
Stddev	.003	.15	.001	.007	.004	.001	.002	.004	.004
%RSD	.1327	.3507	.0458	.3392	.1750	.0596	.0973	.1699	.0668
#1	2.153	42.08	2.105	2.127	2.130	2.123	2.136	2.099	5.224
#2	2.158	42.04	2.107	2.141	2.124	2.125	2.136	2.101	5.222
#3	2.154	42.32	2.107	2.130	2.123	2.123	2.132	2.106	5.217
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 0:38:50 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.162**	**2.127**	**2.095**	**2.129**	**2.062**	**2.166**	**2.026**	**2.079**
Stddev	.004	.006	.002	.007	.001	.005	.003	.001
%RSD	.1955	.3021	.0745	.3199	.0631	.2511	.1314	.0401
#1	2.161	2.123	2.097	2.127	2.063	2.160	2.024	2.079
#2	2.166	2.123	2.093	2.136	2.061	2.169	2.029	2.078
#3	2.158	2.134	2.095	2.123	2.061	2.170	2.024	2.080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7011.1**	**105620.**	**13031.**	**2900.4**
Stddev	8.3	327.	60.	3.5
%RSD	.11848	.30972	.45925	.11991
#1	7006.2	105280.	13048.	2901.2
#2	7006.5	105930.	13081.	2896.5
#3	7020.7	105640.	12965.	2903.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 0:43:41 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0060**	**-.0007**	**.0020**	**.0004**	**.0000**	**.0004**	**-.0084**
Stddev	.0002	.0183	.0013	.0002	.0002	.0000	.0014	.0016
%RSD	19.65	305.0	177.8	8.271	48.87	196.8	393.6	19.26
#1	-.0013	.0089	.0005	.0022	.0006	.0000	.0019	-.0069
#2	-.0009	-.0004	-.0020	.0020	.0003	.0001	.0001	-.0081
#3	-.0011	-.0264	-.0006	.0019	.0003	-.0000	-.0009	-.0101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.0008**	**.0001**	**-.0005**	**.0000**	**-.0018**	**-.0235**	**-.0009**
Stddev	.0002	.0007	.0002	.0002	.0003	.0014	.0107	.0004
%RSD	636.9	93.22	285.6	32.70	18730.	80.50	45.60	44.46
#1	.0002	.0017	.0001	-.0003	-.0000	-.0033	-.0141	-.0009
#2	-.0003	.0004	.0002	-.0005	.0003	-.0014	-.0352	-.0005
#3	-.0001	.0003	-.0001	-.0007	-.0003	-.0006	-.0213	-.0013
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**-.0000**	**.0001**	**.0327**	**-.0000**	F **-.0062**	**.0012**	**-.0008**
Stddev	.0146	.0000	.0005	.0070	.0002	.0007	.0005	.0015
%RSD	1676.	162.6	446.3	21.52	684.8	11.41	39.74	197.2
#1	.0177	-.0000	.0002	.0260	-.0003	-.0069	.0008	.0001
#2	-.0076	.0000	-.0004	.0322	.0000	-.0055	.0017	.0001
#3	-.0075	-.0001	.0006	.0400	.0002	-.0063	.0011	-.0025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 0:43:41 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**.0020**	**.0010**	**.0005**	**-.0000**	**.0003**	**.0009**	**-.0002**
Stddev	.0009	.0018	.0016	.0005	.0001	.0003	.0014	.0002
%RSD	48.51	89.50	158.6	92.22	211.9	103.5	148.2	103.7
#1	.0011	.0021	-.0004	.0011	-.0001	.0006	.0015	-.0002
#2	.0028	.0002	.0007	.0004	.0000	.0000	.0020	-.0005
#3	.0017	.0038	.0028	.0001	.0000	.0002	-.0006	-.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0002**	**-.0006**	**.0000**
Stddev	.0008	.0002	.0001
%RSD	437.6	24.43	246.8
#1	-.0003	-.0008	.0001
#2	-.0009	-.0005	.0000
#3	.0007	-.0007	-.0000
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7255.8**	**108520.**	**13027.**	**2957.4**
Stddev	3.0	163.	30.	3.6
%RSD	.04108	.14985	.22659	.12053
#1	7252.4	108520.	13050.	2960.3
#2	7257.5	108680.	13037.	2958.5
#3	7257.6	108360.	12994.	2953.4

Zoom In Zoom Out

Sample Name: jd58651-1 Acquired: 1/17/2023 0:48:56 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**84.60**	**.0580**	**.0563**	**.6482**	**.0048**	**.4645**	**182.5**	**.0028**
Stddev	.0004	.11	.0014	.0003	.0007	.0000	.0012	.4	.0000
%RSD	29.84	.1338	2.421	.4483	.1116	.7494	.2539	.2096	1.104
#1	-.0014	84.48	.0568	.0561	.6474	.0048	.4655	182.1	.0028
#2	-.0018	84.71	.0595	.0563	.6488	.0048	.4649	182.8	.0029
#3	-.0010	84.60	.0576	.0566	.6482	.0048	.4632	182.6	.0028

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3436**	**.0686**	**.2307**	**.4094**	**167.9**	**10.01**	**.0829**	**50.05**	**2.877**
Stddev	.0008	.0002	.0002	.0011	.3	.07	.0021	.20	.002
%RSD	.2386	.3427	.0887	.2621	.1909	.7010	2.529	.4052	.0847
#1	.3428	.0683	.2309	.4090	167.5	9.943	.0851	49.83	2.878
#2	.3444	.0688	.2306	.4086	168.1	10.08	.0827	50.23	2.880
#3	.3437	.0685	.2305	.4106	168.0	10.00	.0809	50.09	2.875

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0067**	**2.752**	**.2553**	**3.473**	**.9713**	**22.90**	**.0105**	**.0027**	**2.407**
Stddev	.0001	.012	.0006	.006	.0009	.04	.0017	.0018	.006
%RSD	1.781	.4330	.2528	.1706	.0883	.1901	15.75	68.60	.2382
#1	.0067	2.741	.2558	3.467	.9722	22.89	.0117	.0022	2.412
#2	.0066	2.764	.2555	3.478	.9705	22.95	.0112	.0011	2.408
#3	.0068	2.750	.2546	3.474	.9712	22.86	.0086	.0047	2.401

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0620**	**.5272**	**3.194**	**-.0008**	**.3411**	**.0067**	**.9739**	**.0428**
Stddev	.0012	.0007	.003	.0047	.0012	.0005	.0006	.0002
%RSD	2.005	.1301	.0966	603.7	.3425	7.344	.0609	.4477
#1	.0605	.5264	3.196	.0028	.3404	.0062	.9732	.0427
#2	.0627	.5276	3.197	-.0061	.3425	.0069	.9742	.0426
#3	.0627	.5275	3.191	.0010	.3405	.0071	.9742	.0430

Zoom In Zoom Out

Sample Name: jd58651-1 Acquired: 1/17/2023 0:48:56 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6992.2**	**107210.**	**13519.**	**2943.6**
Stddev	8.0	82.	80.	3.7
%RSD	.11409	.07646	.59127	.12415
#1	6993.7	107250.	13603.	2946.1
#2	6999.3	107120.	13509.	2945.3
#3	6983.6	107270.	13444.	2939.4

Zoom In Zoom Out

Sample Name: jd58652-3 Acquired: 1/17/2023 0:53:56 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0054**	**111.7**	**.0929**	**.1647**	**4.632**	**.0069**	**.4326**	**85.50**
Stddev	.0017	.1	.0002	.0017	.002	.0001	.0009	.05
%RSD	31.17	.0454	.2309	1.003	.0441	.8009	.2069	.0618
#1	-.0035	111.7	.0926	.1636	4.632	.0069	.4336	85.54
#2	-.0062	111.6	.0929	.1666	4.633	.0070	.4320	85.44
#3	-.0066	111.7	.0930	.1640	4.629	.0069	.4322	85.52

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0318**	**.5026**	**.1149**	**1.766**	**.6032**	F **392.4**	**15.71**	**.1886**
Stddev	.0004	.0046	.0007	.006	.0025	4.7	.07	.0004
%RSD	1.134	.9108	.6179	.3190	.4091	1.200	.4362	.1933
#1	.0320	.5077	.1156	1.765	.6055	397.8	15.70	.1885
#2	.0314	.5011	.1150	1.761	.6006	390.4	15.79	.1890
#3	.0320	.4989	.1142	1.773	.6036	389.0	15.66	.1882

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**37.10**	**4.671**	**.2906**	**2.147**	**.3218**	**5.128**	**3.544**	**4.381**
Stddev	.06	.033	.0003	.001	.0007	.015	.012	.010
%RSD	.1748	.7142	.0882	.0253	.2139	.2940	.3431	.2208
#1	37.08	4.698	.2908	2.147	.3220	5.140	3.556	4.392
#2	37.05	4.634	.2908	2.147	.3223	5.133	3.545	4.378
#3	37.17	4.680	.2903	2.146	.3210	5.111	3.531	4.374

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0398**	**.0049**	**3.106**	**.1890**	**.5213**	**3.023**	F **-.0043**	**.4365**
Stddev	.0024	.0010	.076	.0004	.0002	.006	.0023	.0005
%RSD	6.113	20.71	2.456	.2115	.0449	.2145	53.80	.1183
#1	.0420	.0058	3.189	.1891	.5216	3.024	-.0051	.4366
#2	.0372	.0038	3.039	.1885	.5213	3.016	-.0017	.4359
#3	.0401	.0051	3.090	.1892	.5211	3.029	-.0061	.4369

Zoom In Zoom Out

Sample Name: jd58652-3 Acquired: 1/17/2023 0:53:56 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0123**	**2.551**	**.0335**
Stddev	.0011	.007	.0007
%RSD	9.035	.2832	2.117
#1	.0126	2.558	.0329
#2	.0132	2.551	.0343
#3	.0110	2.544	.0332

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7306.7**	**109190.**	**13701.**	**2985.6**
Stddev	20.1	410.	57.	8.2
%RSD	.27525	.37503	.41847	.27311
#1	7288.9	109360.	13684.	2978.1
#2	7302.8	109490.	13765.	2984.3
#3	7328.5	108720.	13655.	2994.3

Zoom In Zoom Out

Sample Name: jd58652-5 Acquired: 1/17/2023 0:59:10 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**97.20**	**.0326**	**.0783**	**.5160**	**.0052**	**.5485**	**120.7**	**.0014**
Stddev	.0006	.08	.0016	.0015	.0007	.0000	.0015	.1	.0003
%RSD	79.44	.0847	4.977	1.924	.1397	.8863	.2704	.0986	20.42
#1	-.0011	97.11	.0341	.0779	.5152	.0052	.5470	120.6	.0017
#2	-.0010	97.27	.0309	.0800	.5162	.0052	.5499	120.8	.0015
#3	-.0001	97.21	.0326	.0771	.5165	.0051	.5486	120.7	.0011

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4852**	**.0670**	**.1381**	**.2910**	**142.7**	**13.53**	**.0935**	**36.40**	**2.830**
Stddev	.0047	.0009	.0008	.0012	.2	.01	.0015	.08	.011
%RSD	.9712	1.271	.6134	.4242	.1141	.0838	1.656	.2223	.3730
#1	.4888	.0680	.1390	.2912	142.6	13.52	.0921	36.33	2.838
#2	.4870	.0665	.1380	.2921	142.8	13.54	.0934	36.49	2.833
#3	.4799	.0665	.1373	.2896	142.8	13.54	.0951	36.38	2.818

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052**	**5.194**	**.1214**	**3.908**	**.4154**	**5.201**	**.0092**	**-.0016**	**2.163**
Stddev	.0002	.008	.0006	.009	.0032	.021	.0027	.0025	.060
%RSD	4.804	.1613	.5209	.2221	.7778	.4037	28.99	153.8	2.759
#1	.0054	5.184	.1215	3.915	.4156	5.224	.0108	.0000	2.231
#2	.0053	5.197	.1220	3.911	.4121	5.196	.0061	-.0004	2.134
#3	.0049	5.200	.1208	3.898	.4186	5.183	.0106	-.0045	2.122

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0312**	**.5580**	**3.771**	**.0006**	**.2702**	**.0035**	**.4174**	**.0625**
Stddev	.0005	.0009	.007	.0013	.0014	.0014	.0011	.0007
%RSD	1.723	.1700	.1866	205.6	.5318	39.36	.2678	1.048
#1	.0306	.5581	3.774	.0008	.2717	.0032	.4187	.0627
#2	.0316	.5570	3.777	-.0007	.2701	.0050	.4166	.0630
#3	.0315	.5589	3.763	.0018	.2689	.0023	.4169	.0617

Zoom In Zoom Out

Sample Name: jd58652-5 Acquired: 1/17/2023 0:59:10 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7063.4**	**109860.**	**13800.**	**3018.2**
Stddev	8.7	642.	72.	4.4
%RSD	.12373	.58408	.52057	.14472
#1	7053.3	109120.	13810.	3014.0
#2	7068.0	110180.	13723.	3022.7
#3	7068.9	110290.	13866.	3018.1

Zoom In Zoom Out

Sample Name: jd58652-8 Acquired: 1/17/2023 1:04:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0024**	**122.2**	**.0284**	**.1940**	**1.208**	**.0071**	**.3993**	**153.3**	**.0016**
Stddev	.0001	.3	.0008	.0007	.003	.0001	.0008	.4	.0001
%RSD	4.486	.2506	2.878	.3397	.2274	1.296	.2113	.2409	8.940
#1	-.0024	122.1	.0279	.1934	1.206	.0070	.3996	153.2	.0015
#2	-.0023	122.0	.0294	.1947	1.207	.0072	.3984	153.0	.0017
#3	-.0025	122.6	.0280	.1940	1.211	.0072	.3999	153.7	.0017

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5261**	**.0808**	**.1797**	**.1941**	**175.5**	**32.54**	**.2669**	**60.17**	**4.285**
Stddev	.0053	.0004	.0011	.0003	.5	.05	.0003	.19	.019
%RSD	1.014	.4749	.5893	.1692	.2781	.1656	.0970	.3139	.4385
#1	.5284	.0810	.1795	.1938	175.3	32.49	.2670	60.04	4.286
#2	.5200	.0804	.1788	.1940	175.0	32.54	.2667	60.09	4.266
#3	.5300	.0810	.1809	.1944	176.0	32.60	.2672	60.39	4.303

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0035**	**2.351**	**.1873**	**3.863**	**.1338**	**1.071**	**.0089**	**-.0016**	**2.720**
Stddev	.0000	.012	.0009	.004	.0007	.003	.0006	.0020	.046
%RSD	1.066	.4896	.4753	.1099	.5292	.3186	6.363	128.7	1.682
#1	.0034	2.339	.1876	3.868	.1346	1.075	.0092	-.0028	2.773
#2	.0035	2.354	.1863	3.862	.1334	1.069	.0082	.0008	2.700
#3	.0035	2.361	.1880	3.859	.1334	1.070	.0092	-.0027	2.689

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0322**	**.3602**	**2.767**	**.0008**	**.2499**	**.0041**	**.4527**	**.0737**
Stddev	.0011	.0011	.002	.0032	.0002	.0008	.0005	.0008
%RSD	3.297	.3108	.0538	393.9	.0983	19.96	.1125	1.076
#1	.0310	.3597	2.766	-.0003	.2502	.0050	.4531	.0746
#2	.0330	.3593	2.767	-.0017	.2497	.0033	.4521	.0734
#3	.0327	.3614	2.769	.0044	.2499	.0041	.4529	.0731

Zoom In Zoom Out

Sample Name: jd58652-8 Acquired: 1/17/2023 1:04:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6988.3**	**109150.**	**13742.**	**2976.3**
Stddev	10.3	141.	48.	4.7
%RSD	.14763	.12932	.34754	.15874
#1	6976.4	109000.	13754.	2971.2
#2	6993.2	109280.	13783.	2977.1
#3	6995.2	109160.	13690.	2980.6

Zoom In Zoom Out

Sample Name: jd58657-1 Acquired: 1/17/2023 1:09:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0095**	**68.01**	**.3853**	**.0366**	**1.115**	**.0048**	**.2506**	F **410.2**	**.0098**
Stddev	.0003	.02	.0074	.0010	.001	.0000	.0016	4.2	.0003
%RSD	3.560	.0240	1.908	2.709	.0595	.8114	.6293	1.014	2.768
#1	.0092	68.01	.3936	.0376	1.115	.0048	.2488	405.9	.0098
#2	.0094	68.00	.3825	.0367	1.114	.0048	.2516	414.3	.0100
#3	.0098	68.03	.3797	.0356	1.115	.0047	.2514	410.5	.0095

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3478**	**.0479**	**.2174**	**.6718**	**105.9**	**7.763**	**.0868**	**216.1**	**2.520**
Stddev	.0011	.0008	.0004	.0017	.1	.058	.0003	.6	.003
%RSD	.3146	1.694	.1926	.2591	.0983	.7512	.3904	.2785	.1262
#1	.3475	.0488	.2171	.6736	106.0	7.795	.0870	216.8	2.518
#2	.3469	.0477	.2179	.6715	105.9	7.799	.0864	215.6	2.524
#3	.3490	.0472	.2173	.6702	105.8	7.696	.0869	216.1	2.518

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0101**	**1.068**	**.2342**	F **12.20**	**3.724**	**4.251**	**.0124**	**.0138**	**2.639**
Stddev	.0002	.004	.0046	.24	.068	.076	.0016	.0028	.086
%RSD	1.954	.3967	1.953	1.952	1.834	1.779	12.62	20.56	3.247
#1	.0103	1.068	.2394	12.48	3.803	4.339	.0109	.0163	2.738
#2	.0099	1.064	.2310	12.04	3.684	4.202	.0140	.0107	2.590
#3	.0101	1.072	.2321	12.09	3.686	4.214	.0125	.0143	2.590

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0966**	**.4373**	**1.678**	**.0037**	**.7036**	**.0080**	**1.432**	**.0004**
Stddev	.0020	.0005	.002	.0017	.0005	.0011	.027	.0011
%RSD	2.028	.1244	.1431	46.97	.0694	13.24	1.860	276.1
#1	.0986	.4380	1.677	.0018	.7042	.0091	1.463	.0017
#2	.0966	.4370	1.677	.0042	.7034	.0078	1.415	-.0003
#3	.0947	.4371	1.681	.0052	.7033	.0070	1.419	-.0002

Zoom In Zoom Out

Sample Name: jd58657-1 Acquired: 1/17/2023 1:09:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6564.5**	**105540.**	**13387.**	**2825.5**
Stddev	94.5	353.	92.	42.8
%RSD	1.4403	.33456	.69021	1.5157
#1	6455.3	105760.	13287.	2776.5
#2	6620.2	105130.	13469.	2855.7
#3	6617.9	105720.	13405.	2844.3

Zoom In Zoom Out

Sample Name: jd58693-22 Acquired: 1/17/2023 1:14:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**84.42**	**.0172**	**.3127**	**.5979**	**.0030**	**.8085**	**139.2**	**.0015**
Stddev	.0005	.13	.0015	.0020	.0008	.0000	.0027	.2	.0001
%RSD	63.05	.1502	8.507	.6395	.1256	1.177	.3300	.1682	5.036
#1	-.0004	84.56	.0155	.3130	.5985	.0030	.8115	139.4	.0016
#2	-.0006	84.31	.0182	.3146	.5971	.0031	.8063	138.9	.0015
#3	-.0013	84.39	.0180	.3106	.5982	.0030	.8077	139.2	.0014

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3333**	**.0746**	**.1308**	**.3422**	**143.5**	**17.00**	**.0644**	**88.15**	**1.786**
Stddev	.0016	.0006	.0007	.0001	.3	.04	.0008	.12	.004
%RSD	.4709	.8698	.5296	.0180	.1963	.2296	1.303	.1349	.2412
#1	.3318	.0742	.1316	.3423	143.8	17.02	.0647	88.26	1.791
#2	.3331	.0753	.1306	.3422	143.2	17.01	.0650	88.02	1.784
#3	.3350	.0742	.1302	.3422	143.6	16.95	.0634	88.17	1.784

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040**	**5.057**	**.1251**	**6.043**	**.3799**	**1.361**	**.0111**	**-.0013**	**2.168**
Stddev	.0002	.017	.0012	.050	.0021	.010	.0015	.0014	.051
%RSD	3.922	.3306	.9921	.8233	.5467	.7253	13.81	109.6	2.330
#1	.0039	5.076	.1245	6.015	.3787	1.362	.0107	-.0022	2.223
#2	.0039	5.043	.1265	6.100	.3823	1.370	.0128	-.0019	2.160
#3	.0042	5.053	.1243	6.013	.3787	1.351	.0098	.0003	2.123

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0282**	**.2404**	**5.525**	**.0011**	**.3189**	**.0035**	**.4633**	**.0196**
Stddev	.0021	.0009	.011	.0044	.0007	.0013	.0045	.0003
%RSD	7.582	.3923	.1957	394.8	.2187	37.28	.9671	1.375
#1	.0278	.2415	5.537	-.0037	.3197	.0049	.4603	.0195
#2	.0263	.2398	5.520	.0048	.3185	.0033	.4684	.0195
#3	.0305	.2399	5.518	.0023	.3184	.0023	.4611	.0199

Zoom In Zoom Out

Sample Name: jd58693-22 Acquired: 1/17/2023 1:14:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6922.8**	**106950.**	**13340.**	**2909.3**
Stddev	55.2	420.	55.	20.8
%RSD	.79773	.39271	.41276	.71549
#1	6955.5	106560.	13384.	2922.5
#2	6859.0	107400.	13357.	2885.3
#3	6953.8	106890.	13278.	2920.1

Zoom In Zoom Out

Sample Name: jd58693-23 Acquired: 1/17/2023 1:19:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**89.54**	**.0184**	**.0099**	**.9101**	**.0049**	**1.071**	**25.97**	**.0014**
Stddev	.0002	.06	.0018	.0008	.0011	.0001	.002	.02	.0001
%RSD	59.84	.0614	9.581	8.475	.1170	1.701	.1396	.0723	5.320
#1	-.0007	89.47	.0175	.0090	.9112	.0049	1.070	25.96	.0014
#2	-.0004	89.57	.0204	.0100	.9102	.0050	1.072	25.99	.0014
#3	-.0002	89.57	.0173	.0107	.9090	.0048	1.073	25.95	.0013

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4135**	**.0685**	**.1804**	**.1640**	**134.3**	**33.74**	**.1679**	**40.67**	**3.178**
Stddev	.0022	.0004	.0007	.0005	.1	.04	.0003	.10	.003
%RSD	.5214	.5290	.3722	.3303	.1009	.1114	.1940	.2522	.0981
#1	.4153	.0682	.1800	.1634	134.2	33.71	.1682	40.56	3.180
#2	.4140	.0685	.1812	.1644	134.4	33.73	.1676	40.76	3.175
#3	.4111	.0689	.1801	.1643	134.3	33.78	.1677	40.70	3.181

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0042**	**1.862**	**.1413**	**5.453**	**.2885**	**.7968**	**.0120**	**-.0035**	**2.163**
Stddev	.0002	.010	.0008	.004	.0019	.0007	.0008	.0009	.049
%RSD	4.224	.5185	.5765	.0696	.6758	.0859	6.723	25.09	2.277
#1	.0040	1.852	.1404	5.456	.2887	.7961	.0116	-.0036	2.220
#2	.0043	1.870	.1419	5.449	.2903	.7974	.0115	-.0026	2.143
#3	.0042	1.866	.1416	5.456	.2865	.7967	.0130	-.0043	2.128

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0347**	**.1122**	**7.323**	**-.0011**	**.2424**	**.0019**	**.4637**	**.0066**
Stddev	.0017	.0006	.003	.0030	.0005	.0003	.0005	.0002
%RSD	4.936	.5060	.0432	261.1	.2215	14.00	.1105	2.368
#1	.0338	.1126	7.320	.0008	.2422	.0018	.4639	.0065
#2	.0336	.1116	7.322	-.0046	.2420	.0018	.4631	.0068
#3	.0367	.1125	7.326	.0003	.2430	.0022	.4640	.0067

Zoom In Zoom Out

Sample Name: jd58693-23 Acquired: 1/17/2023 1:19:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7111.9**	**109070.**	**13596.**	**2991.9**
Stddev	16.8	301.	112.	5.9
%RSD	.23657	.27582	.82348	.19590
#1	7128.7	108830.	13713.	2996.0
#2	7111.9	109400.	13489.	2994.5
#3	7095.1	108960.	13585.	2985.2

Zoom In Zoom Out

Sample Name: jd58693-24 Acquired: 1/17/2023 1:24:29 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**62.19**	**.0152**	**.0573**	**.4274**	**.0030**	**.7481**	F **241.1**	**.0018**
Stddev	.0003	.05	.0002	.0004	.0002	.0001	.0004	.5	.0003
%RSD	55.91	.0879	1.388	.6113	.0371	2.222	.0508	.2248	18.21
#1	-.0008	62.23	.0153	.0572	.4272	.0029	.7477	241.6	.0015
#2	-.0008	62.13	.0150	.0577	.4274	.0030	.7484	240.5	.0022
#3	-.0002	62.21	.0153	.0570	.4275	.0030	.7481	241.2	.0017

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2137**	**.0427**	**.1669**	**.1542**	**94.65**	**17.14**	**.0625**	**60.24**	**1.447**
Stddev	.0006	.0004	.0006	.0004	.19	.03	.0010	.24	.003
%RSD	.2902	1.032	.3744	.2610	.2019	.1519	1.623	.4001	.2214
#1	.2137	.0425	.1673	.1547	94.80	17.13	.0628	60.48	1.449
#2	.2130	.0432	.1671	.1540	94.43	17.13	.0614	60.00	1.449
#3	.2143	.0424	.1662	.1539	94.70	17.17	.0634	60.25	1.443

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0179**	**2.698**	**.0869**	**3.456**	**.2562**	**5.805**	**.0101**	**.0019**	**1.424**
Stddev	.0001	.008	.0004	.004	.0019	.014	.0017	.0005	.002
%RSD	.4191	.2993	.4208	.1259	.7237	.2380	16.63	25.13	.1577
#1	.0180	2.691	.0872	3.455	.2547	5.819	.0082	.0021	1.422
#2	.0178	2.695	.0869	3.461	.2583	5.804	.0115	.0014	1.426
#3	.0180	2.707	.0865	3.453	.2557	5.791	.0105	.0023	1.425

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0230**	**.2587**	**5.092**	**.0027**	**.1886**	**.0025**	**.3309**	**.0337**
Stddev	.0007	.0001	.012	.0007	.0009	.0019	.0006	.0002
%RSD	2.916	.0357	.2375	23.96	.4628	74.68	.1958	.7341
#1	.0237	.2588	5.103	.0020	.1890	.0004	.3306	.0339
#2	.0226	.2587	5.093	.0029	.1891	.0034	.3317	.0335
#3	.0226	.2586	5.079	.0033	.1876	.0038	.3305	.0335

Zoom In Zoom Out

Sample Name: jd58693-24 Acquired: 1/17/2023 1:24:29 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6841.0**	**105350.**	**13176.**	**2877.5**
Stddev	1.0	439.	117.	3.9
%RSD	.01409	.41639	.88425	.13633
#1	6840.0	105300.	13066.	2875.7
#2	6841.9	104940.	13298.	2874.7
#3	6841.1	105810.	13164.	2882.0

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 1:29:31 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2596**	**41.31**	**2.161**	**2.166**	**2.077**	**2.038**	**2.109**	**39.42**	**2.128**
Stddev	.0006	.01	.025	.021	.001	.002	.017	.06	.021
%RSD	.2337	.0326	1.156	.9631	.0385	.0770	.8246	.1438	1.011
#1	.2589	41.30	2.189	2.190	2.076	2.037	2.129	39.43	2.153
#2	.2598	41.30	2.146	2.153	2.078	2.039	2.099	39.48	2.118
#3	.2601	41.33	2.146	2.156	2.078	2.036	2.098	39.36	2.114
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.091**	**2.131**	**2.056**	**2.053**	**38.96**	**41.84**	**2.128**	**39.27**	**2.114**
Stddev	.006	.022	.006	.003	.03	.08	.003	.09	.006
%RSD	.2656	1.020	.3171	.1573	.0655	.1959	.1465	.2379	.2898
#1	2.094	2.156	2.056	2.049	38.96	41.83	2.131	39.25	2.115
#2	2.094	2.116	2.063	2.056	38.98	41.93	2.129	39.37	2.120
#3	2.085	2.120	2.050	2.053	38.93	41.77	2.125	39.19	2.108
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.178**	**42.14**	**2.124**	**2.153**	**2.146**	**2.153**	**2.152**	**2.118**	**5.253**
Stddev	.021	.05	.023	.020	.024	.019	.018	.017	.055
%RSD	.9873	.1169	1.097	.9049	1.122	.8926	.8390	.7967	1.047
#1	2.203	42.15	2.151	2.175	2.174	2.175	2.173	2.138	5.316
#2	2.166	42.18	2.110	2.140	2.131	2.140	2.145	2.110	5.222
#3	2.165	42.08	2.111	2.144	2.134	2.145	2.139	2.107	5.220
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 1:29:31 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.189**	**2.128**	**2.096**	**2.140**	**2.066**	**2.185**	**2.035**	**2.084**
Stddev	.021	.001	.004	.012	.006	.023	.021	.006
%RSD	.9516	.0400	.1905	.5761	.3038	1.038	1.024	.2718
#1	2.213	2.128	2.096	2.154	2.067	2.212	2.059	2.082
#2	2.177	2.129	2.100	2.131	2.072	2.172	2.023	2.091
#3	2.176	2.128	2.092	2.134	2.059	2.173	2.024	2.080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6946.8**	**105200.**	**13009.**	**2871.9**
Stddev	54.9	447.	57.	23.1
%RSD	.79041	.42481	.43480	.80454
#1	6883.5	105070.	12983.	2845.3
#2	6979.3	104830.	12970.	2884.2
#3	6977.8	105700.	13074.	2886.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 1:34:23 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0149**	**.0003**	**.0028**	**.0003**	**-.0000**	**-.0005**	**-.0099**
Stddev	.0002	.0158	.0022	.0005	.0001	.0000	.0019	.0020
%RSD	20.76	105.5	670.0	19.66	53.36	271.9	388.2	20.10
#1	-.0013	-.0265	-.0014	.0033	.0004	-.0000	-.0016	-.0077
#2	-.0013	.0030	.0028	.0022	.0003	.0000	.0017	-.0105
#3	-.0009	-.0213	-.0004	.0028	.0001	-.0000	-.0016	-.0115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0008**	**-.0001**	**-.0006**	**-.0001**	**-.0006**	**-.0593**	**.0000**
Stddev	.0001	.0045	.0003	.0004	.0002	.0019	.0179	.0019
%RSD	77.03	595.8	295.5	55.65	339.2	311.4	30.19	4586.
#1	-.0000	.0019	-.0003	-.0010	.0001	.0000	-.0750	-.0006
#2	-.0003	-.0059	-.0002	-.0006	-.0003	-.0028	-.0629	.0022
#3	-.0002	.0018	.0002	-.0003	.0000	.0009	-.0398	-.0014
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0078**	**-.0000**	**.0006**	**.0313**	**.0005**	F **-.0067**	**.0011**	**-.0027**
Stddev	.0098	.0000	.0002	.0118	.0001	.0014	.0013	.0007
%RSD	125.4	70.12	39.57	37.65	30.36	21.44	119.2	25.39
#1	-.0101	-.0000	.0004	.0261	.0003	-.0073	-.0001	-.0019
#2	.0029	-.0000	.0008	.0230	.0005	-.0051	.0009	-.0028
#3	-.0162	-.0000	.0005	.0448	.0006	-.0077	.0025	-.0033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 1:34:23 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0016**	**.0004**	**.0005**	**-.0001**	**.0003**	**-.0005**	**.0001**
Stddev	.0014	.0020	.0015	.0003	.0001	.0002	.0003	.0003
%RSD	283.6	127.7	380.5	67.23	178.9	61.78	51.98	474.3
#1	.0011	-.0016	.0019	.0001	.0001	.0003	-.0008	.0003
#2	-.0011	-.0036	-.0011	.0006	-.0002	.0005	-.0003	-.0003
#3	-.0015	.0005	.0004	.0008	-.0001	.0001	-.0005	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0001**	**-.0006**	**-.0001**
Stddev	.0005	.0000	.0001
%RSD	554.9	5.312	119.1
#1	.0001	-.0006	-.0000
#2	.0006	-.0005	-.0000
#3	-.0004	-.0006	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7249.1**	**108620.**	**12997.**	**2952.1**
Stddev	6.5	119.	77.	2.5
%RSD	.08992	.10976	.59625	.08377
#1	7243.1	108570.	12907.	2949.5
#2	7256.0	108750.	13045.	2954.4
#3	7248.3	108520.	13038.	2952.6

Zoom In Zoom Out

Sample Name: mp37435-mb1 Acquired: 1/17/2023 1:39:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**-.0043**	**-.0008**	**.0012**	**.0002**	**.0000**	**.0000**	**-.0010**	**.0001**
Stddev	.0001	.0061	.0015	.0011	.0001	.0000	.0003	.0026	.0001
%RSD	5.280	141.4	189.4	97.95	73.13	31.25	920.2	263.8	175.6
#1	-.0012	.0016	-.0015	.0003	.0003	.0000	-.0002	-.0040	-.0000
#2	-.0012	-.0039	-.0017	.0008	.0001	.0000	.0003	.0004	.0002
#3	-.0011	-.0106	.0009	.0024	.0002	.0000	.0000	.0007	.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0003**	**-.0003**	**-.0002**	**.0012**	**-.0529**	**.0010**	**.0019**	**.0001**
Stddev	.0012	.0002	.0001	.0001	.0018	.0069	.0015	.0117	.0000
%RSD	246.6	61.94	52.35	39.33	143.3	13.03	141.5	631.7	35.55
#1	-.0010	.0001	-.0004	-.0001	-.0002	-.0575	.0027	-.0113	.0001
#2	-.0014	.0002	-.0001	-.0002	.0032	-.0562	.0004	.0059	.0002
#3	.0009	.0005	-.0003	-.0003	.0007	-.0450	-.0000	.0110	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0314**	**.0003**	**-.0053**	**.0001**	**.0027**	**.0009**	**.0010**	**.0129**
Stddev	.0001	.0088	.0001	.0013	.0002	.0020	.0010	.0017	.0005
%RSD	8065.	28.05	53.39	24.92	365.0	73.71	110.4	166.2	3.999
#1	.0000	.0379	.0002	-.0066	-.0000	.0010	.0011	.0002	.0125
#2	.0001	.0214	.0004	-.0039	.0003	.0049	-.0002	.0030	.0134
#3	-.0001	.0349	.0001	-.0055	-.0001	.0022	.0017	-.0001	.0126

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0000**	**.0004**	**-.0002**	**-.0001**	**.0004**	**.0005**	**.0000**
Stddev	.0007	.0001	.0001	.0017	.0004	.0012	.0001	.0002
%RSD	79.87	190.7	25.41	874.7	446.3	293.1	24.50	1823.
#1	.0016	-.0000	.0005	-.0011	.0000	-.0004	.0006	-.0000
#2	.0003	.0001	.0003	-.0013	.0002	-.0001	.0003	.0002
#3	.0006	.0001	.0005	.0018	-.0005	.0018	.0005	-.0002

Zoom In Zoom Out

Sample Name: mp37435-mb1 Acquired: 1/17/2023 1:39:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7283.7**	**109220.**	**13027.**	**2968.0**
Stddev	9.6	157.	120.	4.0
%RSD	.13162	.14383	.92367	.13595
#1	7293.0	109120.	12896.	2972.2
#2	7273.8	109400.	13132.	2964.2
#3	7284.3	109130.	13053.	2967.5

Zoom In Zoom Out

Sample Name: mp37435-b1 Acquired: 1/17/2023 1:44:52 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2480**	**25.90**	**2.013**	**1.992**	**1.946**	**1.921**	**.3002**	**24.72**	**1.976**
Stddev	.0006	.03	.006	.000	.001	.000	.0012	.03	.001
%RSD	.2588	.0986	.2760	.0194	.0701	.0128	.4111	.1350	.0442
#1	.2487	25.87	2.011	1.992	1.946	1.920	.2989	24.68	1.975
#2	.2474	25.89	2.020	1.992	1.945	1.921	.3004	24.73	1.976
#3	.2478	25.92	2.009	1.991	1.948	1.921	.3013	24.75	1.977

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**1.994**	**1.926**	**1.919**	**24.50**	**26.13**	**.0013**	**24.66**	**1.988**
Stddev	.0022	.003	.002	.001	.02	.05	.0024	.03	.002
%RSD	108.3	.1703	.0911	.0447	.0958	.1876	178.2	.1298	.1183
#1	.0046	1.991	1.927	1.920	24.51	26.08	.0041	24.69	1.991
#2	.0007	1.998	1.924	1.918	24.48	26.15	.0001	24.67	1.986
#3	.0008	1.993	1.926	1.918	24.52	26.17	-.0002	24.63	1.988

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.006**	**26.37**	**1.982**	**1.992**	**2.002**	**.0139**	**1.968**	**1.944**	**.0469**
Stddev	.002	.02	.002	.004	.004	.0040	.003	.002	.0005
%RSD	.0844	.0708	.1154	.2280	.1770	28.56	.1713	.1246	1.161
#1	2.005	26.35	1.981	1.988	1.999	.0110	1.965	1.947	.0471
#2	2.008	26.38	1.985	1.997	2.002	.0184	1.971	1.943	.0474
#3	2.005	26.38	1.981	1.991	2.006	.0122	1.968	1.943	.0463

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.024**	**2.001**	**1.918**	**2.001**	**1.938**	**2.002**	**1.891**	**1.923**
Stddev	.002	.001	.002	.005	.001	.006	.002	.001
%RSD	.0794	.0300	.1238	.2304	.0316	.3084	.1098	.0263
#1	2.024	2.001	1.919	1.998	1.938	1.995	1.890	1.924
#2	2.025	2.001	1.915	2.006	1.937	2.003	1.893	1.923
#3	2.022	2.000	1.919	1.998	1.938	2.007	1.889	1.923

Zoom In Zoom Out

Sample Name: mp37435-b1 Acquired: 1/17/2023 1:44:52 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7091.5**	**107220.**	**13091.**	**2921.4**
Stddev	8.1	368.	26.	2.1
%RSD	.11388	.34348	.19515	.07229
#1	7100.8	106950.	13119.	2923.8
#2	7086.1	107640.	13084.	2919.8
#3	7087.7	107060.	13069.	2920.6

Zoom In Zoom Out

Sample Name: mp37435-s1 Acquired: 1/17/2023 1:49:44 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2348**	**25.38**	**1.927**	**2.686**	**2.024**	**1.748**	**.2801**	F **364.0**	**1.877**
Stddev	.0004	.04	.005	.011	.003	.002	.0017	2.2	.009
%RSD	.1672	.1674	.2758	.3896	.1253	.0930	.6051	.6047	.4831
#1	.2353	25.39	1.931	2.698	2.022	1.748	.2804	366.2	1.887
#2	.2347	25.41	1.928	2.680	2.027	1.749	.2783	361.8	1.872
#3	.2345	25.33	1.921	2.680	2.022	1.746	.2817	363.9	1.871

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0068**	**1.814**	**1.730**	**1.815**	**23.86**	**61.50**	**-.0012**	**31.82**	**2.441**
Stddev	.0045	.007	.003	.001	.05	.09	.0006	.04	.003
%RSD	65.51	.4009	.1597	.0705	.1941	.1465	52.36	.1338	.1324
#1	.0017	1.822	1.730	1.816	23.82	61.51	-.0005	31.86	2.442
#2	.0094	1.809	1.727	1.814	23.91	61.59	-.0014	31.77	2.437
#3	.0095	1.810	1.733	1.814	23.84	61.41	-.0018	31.81	2.443

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.842**	F **213.3**	**1.805**	**3.171**	**1.822**	F **180.5**	**1.873**	**.9671**	**13.65**
Stddev	.008	.2	.008	.016	.009	.8	.008	.0059	.03
%RSD	.4151	.0760	.4519	.5184	.4833	.4210	.4271	.6121	.2544
#1	1.851	213.1	1.815	3.190	1.832	181.4	1.883	.9729	13.69
#2	1.837	213.4	1.801	3.164	1.816	180.2	1.869	.9672	13.64
#3	1.838	213.3	1.800	3.160	1.817	180.0	1.869	.9611	13.62

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.820**	**3.812**	**1.784**	**1.787**	**1.764**	**1.839**	**1.709**	**1.743**
Stddev	.010	.005	.003	.009	.002	.006	.009	.002
%RSD	.5281	.1341	.1377	.4888	.0966	.3158	.5266	.0989
#1	1.829	3.808	1.782	1.797	1.764	1.845	1.717	1.742
#2	1.822	3.818	1.783	1.781	1.763	1.839	1.710	1.742
#3	1.810	3.810	1.787	1.783	1.766	1.834	1.699	1.745

Zoom In Zoom Out

Sample Name: mp37435-s1 Acquired: 1/17/2023 1:49:44 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6628.7**	**102690.**	**12837.**	**2755.9**
Stddev	29.3	252.	37.	12.0
%RSD	.44176	.24529	.28961	.43644
#1	6594.9	102510.	12839.	2743.7
#2	6643.9	102970.	12874.	2756.4
#3	6647.2	102580.	12800.	2767.7

Zoom In Zoom Out

Sample Name: mp37435-s2 Acquired: 1/17/2023 1:54:42 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2373**	**25.42**	**1.947**	**2.707**	**2.059**	**1.780**	**.2817**	F **368.2**	**1.904**
Stddev	.0007	.08	.005	.003	.003	.001	.0010	2.5	.002
%RSD	.2856	.3258	.2616	.1108	.1477	.0592	.3383	.6766	.0822
#1	.2367	25.37	1.953	2.706	2.057	1.781	.2813	369.0	1.905
#2	.2380	25.38	1.944	2.710	2.057	1.779	.2828	370.2	1.905
#3	.2371	25.52	1.944	2.704	2.062	1.780	.2810	365.4	1.902

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0076**	**1.840**	**1.756**	**1.836**	**24.09**	**61.83**	**.0000**	**32.13**	**2.466**
Stddev	.0023	.001	.004	.002	.04	.10	.0023	.11	.002
%RSD	30.81	.0545	.2135	.1290	.1699	.1645	8285.	.3354	.0694
#1	.0084	1.839	1.758	1.833	24.07	61.74	-.0023	32.04	2.466
#2	.0049	1.841	1.759	1.837	24.06	61.80	.0023	32.11	2.468
#3	.0093	1.839	1.752	1.838	24.14	61.94	.0001	32.25	2.464

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.858**	F **213.9**	**1.829**	**3.205**	**1.848**	F **180.0**	**1.892**	**.9539**	**13.43**
Stddev	.001	.3	.001	.003	.001	.1	.003	.0016	.01
%RSD	.0671	.1370	.0347	.1024	.0533	.0759	.1520	.1729	.0707
#1	1.859	213.8	1.829	3.207	1.849	180.1	1.894	.9522	13.42
#2	1.858	213.7	1.830	3.206	1.848	179.9	1.889	.9555	13.44
#3	1.857	214.2	1.829	3.201	1.847	179.9	1.894	.9539	13.42

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.836**	**3.851**	**1.795**	**1.815**	**1.792**	**1.853**	**1.734**	**1.762**
Stddev	.001	.004	.001	.005	.002	.002	.003	.001
%RSD	.0407	.1024	.0764	.2736	.1055	.0789	.1790	.0765
#1	1.836	3.850	1.794	1.819	1.791	1.855	1.736	1.762
#2	1.836	3.847	1.796	1.810	1.794	1.854	1.730	1.764
#3	1.835	3.855	1.794	1.817	1.790	1.852	1.735	1.762

Zoom In Zoom Out

Sample Name: mp37435-s2 Acquired: 1/17/2023 1:54:42 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6658.7**	**103430.**	**12795.**	**2768.1**
Stddev	9.7	283.	31.	6.2
%RSD	.14636	.27388	.24525	.22407
#1	6647.6	103330.	12823.	2762.5
#2	6665.8	103220.	12802.	2774.8
#3	6662.7	103750.	12761.	2767.0

Zoom In Zoom Out

Sample Name: jd58642-8 Acquired: 1/17/2023 1:59:41 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0018**	**.8890**	**.0039**	**.8128**	**.2219**	**.0002**	**.0079**	F **349.1**	**.0003**
Stddev	.0001	.0058	.0024	.0002	.0005	.0000	.0012	2.8	.0001
%RSD	4.164	.6569	62.25	.0286	.2275	15.57	15.45	.7925	43.82
#1	-.0019	.8957	.0016	.8127	.2219	.0002	.0065	347.9	.0004
#2	-.0018	.8848	.0037	.8125	.2214	.0002	.0083	352.3	.0002
#3	-.0018	.8865	.0065	.8130	.2224	.0001	.0088	347.1	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0082**	**.0004**	**.0017**	**.0073**	**1.756**	**37.05**	**.0013**	**9.930**	**.6726**
Stddev	.0009	.0004	.0003	.0002	.009	.10	.0014	.032	.0018
%RSD	11.14	87.14	19.12	2.859	.5224	.2581	107.1	.3214	.2698
#1	.0088	.0001	.0018	.0076	1.749	37.00	.0002	9.899	.6736
#2	.0071	.0004	.0020	.0072	1.766	37.16	.0028	9.963	.6737
#3	.0087	.0008	.0014	.0072	1.752	37.00	.0008	9.928	.6705

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0042**	**190.5**	**.0015**	**1.284**	**.0152**	F **181.5**	**.0025**	**.0044**	**12.68**
Stddev	.0005	.0	.0001	.002	.0013	.1	.0014	.0022	.01
%RSD	11.91	.0235	7.969	.1608	8.399	.0759	57.92	49.59	.0895
#1	.0037	190.5	.0014	1.286	.0145	181.5	.0010	.0066	12.67
#2	.0042	190.5	.0016	1.282	.0145	181.4	.0038	.0022	12.69
#3	.0047	190.4	.0014	1.284	.0167	181.7	.0026	.0045	12.69

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0029**	**1.997**	**.0315**	**.0033**	**.0026**	**.0031**	**.0135**	**-.0064**
Stddev	.0011	.001	.0008	.0026	.0002	.0021	.0002	.0002
%RSD	36.81	.0670	2.538	78.62	8.160	67.68	1.195	2.675
#1	-.0034	1.999	.0306	.0053	.0026	.0020	.0135	-.0063
#2	-.0037	1.998	.0320	.0004	.0025	.0018	.0134	-.0066
#3	-.0017	1.996	.0320	.0041	.0029	.0055	.0137	-.0063

Zoom In Zoom Out

Sample Name: jd58642-8 Acquired: 1/17/2023 1:59:41 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6694.4**	**104150.**	**12761.**	**2787.9**
Stddev	7.2	96.	72.	3.0
%RSD	.10808	.09251	.56503	.10797
#1	6690.9	104190.	12812.	2787.3
#2	6702.7	104040.	12678.	2791.2
#3	6689.5	104210.	12792.	2785.3

Zoom In Zoom Out

Sample Name: mp37435-sd1 Acquired: 1/17/2023 2:04:54 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0068**	**.9122**	**.0074**	**.8294**	**.2244**	**.0004**	**.0029**	**359.8**	**.0003**
Stddev	.0021	.0334	.0034	.0066	.0017	.0004	.0061	.3	.0009
%RSD	31.30	3.657	45.43	.8004	.7368	81.67	211.3	.0710	276.4
#1	-.0088	.9095	.0039	.8291	.2225	.0002	.0060	359.7	.0014
#2	-.0046	.9469	.0107	.8229	.2252	.0003	-.0042	360.1	-.0003
#3	-.0069	.8803	.0077	.8361	.2256	.0008	.0068	359.6	-.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0263**	**-.0024**	**.0008**	**.0079**	**1.780**	**36.52**	**.0075**	**10.24**	**.6981**
Stddev	.0152	.0017	.0017	.0008	.013	.05	.0026	.10	.0006
%RSD	57.65	72.41	212.4	9.521	.7459	.1367	33.98	1.010	.0888
#1	.0437	-.0031	.0020	.0085	1.765	36.48	.0105	10.12	.6974
#2	.0197	-.0004	-.0012	.0071	1.791	36.57	.0061	10.27	.6983
#3	.0157	-.0037	.0016	.0081	1.784	36.51	.0060	10.33	.6986

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039**	**191.9**	**.0019**	**1.253**	**.0181**	**180.8**	**.0073**	**-.0006**	**12.62**
Stddev	.0013	.2	.0012	.011	.0025	.3	.0055	.0052	.02
%RSD	34.97	.0984	62.57	.8390	13.74	.1490	76.04	925.9	.1676
#1	.0053	191.8	.0029	1.265	.0209	180.9	.0100	.0012	12.65
#2	.0026	192.1	.0022	1.249	.0172	180.5	.0108	-.0065	12.62
#3	.0037	191.7	.0006	1.245	.0161	180.9	.0009	.0035	12.61

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0130**	**2.021**	**.0327**	**.0118**	**.0026**	**.0011**	**.0132**	**-.0065**
Stddev	.0051	.002	.0014	.0087	.0016	.0047	.0009	.0009
%RSD	38.92	.1176	4.263	73.30	59.56	415.5	6.813	13.23
#1	-.0129	2.020	.0320	.0021	.0044	.0034	.0133	-.0059
#2	-.0182	2.024	.0318	.0187	.0014	-.0043	.0140	-.0061
#3	-.0081	2.019	.0343	.0147	.0020	.0042	.0122	-.0075

Zoom In Zoom Out

Sample Name: mp37435-sd1 Acquired: 1/17/2023 2:04:54 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7061.3**	**106820.**	**12895.**	**2903.9**
Stddev	21.9	253.	14.	6.1
%RSD	.31085	.23664	.10692	.21122
#1	7039.0	106990.	12911.	2897.1
#2	7062.1	106530.	12889.	2905.6
#3	7082.9	106940.	12885.	2909.0

Zoom In Zoom Out

Sample Name: jd58477-1 Acquired: 1/17/2023 2:10:02 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.0562**	**.0004**	**.0401**	**.0125**	**.0000**	**-.0007**	**7.618**	**.0004**
Stddev	.0003	.0020	.0012	.0003	.0001	.0001	.0007	.001	.0003
%RSD	32.51	3.507	332.7	.8449	.7771	464.3	103.9	.0180	66.81
#1	-.0013	.0583	-.0010	.0397	.0124	.0000	.0001	7.619	.0004
#2	-.0011	.0544	.0010	.0404	.0126	-.0000	-.0013	7.617	.0006
#3	-.0007	.0559	.0011	.0401	.0125	.0001	-.0009	7.618	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039**	**.0001**	**-.0002**	**.0037**	**.2739**	**1.941**	**.0036**	**.6787**	**.0212**
Stddev	.0043	.0003	.0003	.0000	.0012	.019	.0003	.0129	.0000
%RSD	110.5	249.8	127.7	.9948	.4443	.9889	7.311	1.897	.0989
#1	.0053	-.0002	.0000	.0038	.2737	1.939	.0036	.6914	.0213
#2	-.0009	.0004	-.0001	.0037	.2728	1.923	.0038	.6656	.0212
#3	.0073	.0002	-.0006	.0038	.2752	1.961	.0033	.6791	.0212

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0178**	**4.876**	**.0035**	**.0832**	**.0016**	**.7214**	**.0005**	**.0006**	**1.240**
Stddev	.0003	.010	.0003	.0017	.0008	.0057	.0021	.0017	.008
%RSD	1.871	.2032	9.581	2.077	45.94	.7899	393.5	267.5	.6138
#1	.0179	4.884	.0032	.0824	.0025	.7251	.0002	.0026	1.249
#2	.0181	4.865	.0035	.0851	.0014	.7148	.0028	-.0005	1.239
#3	.0175	4.880	.0038	.0819	.0010	.7243	-.0013	-.0001	1.234

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.0503**	**.0011**	**-.0000**	**.0003**	**.0008**	**.2081**	**-.0006**
Stddev	.0007	.0001	.0004	.0014	.0000	.0019	.0005	.0000
%RSD	66.73	.1412	31.58	5990.	17.61	232.8	.2456	5.989
#1	-.0014	.0504	.0009	.0016	.0003	-.0004	.2086	-.0006
#2	-.0002	.0503	.0010	-.0004	.0003	.0030	.2081	-.0006
#3	-.0013	.0503	.0015	-.0012	.0002	-.0001	.2076	-.0006

Zoom In Zoom Out

Sample Name: jd58477-1 Acquired: 1/17/2023 2:10:02 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7274.7**	**109320.**	**13244.**	**2966.2**
Stddev	15.7	147.	93.	5.9
%RSD	.21630	.13418	.70234	.19804
#1	7256.7	109460.	13252.	2959.7
#2	7285.6	109170.	13148.	2967.8
#3	7281.9	109320.	13333.	2971.2

Zoom In Zoom Out

Sample Name: jd58634-2 Acquired: 1/17/2023 2:15:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0138**	**.0034**	**.5564**	**.4479**	**.0000**	**-.0013**	**75.38**	**-.0002**
Stddev	.0002	.0077	.0014	.0020	.0007	.0001	.0012	.16	.0003
%RSD	13.42	55.65	41.04	.3552	.1584	1421.	94.94	.2090	150.1
#1	-.0012	.0213	.0049	.5568	.4471	-.0001	-.0020	75.33	.0001
#2	-.0010	.0144	.0025	.5582	.4486	-.0000	.0001	75.55	-.0004
#3	-.0013	.0059	.0026	.5543	.4479	.0001	-.0020	75.25	-.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0082**	**-.0003**	**.0011**	**.0019**	**9.141**	**5.111**	**.0047**	**5.771**	**1.805**
Stddev	.0019	.0004	.0003	.0004	.019	.045	.0021	.036	.002
%RSD	23.11	110.2	23.57	20.19	.2128	.8806	43.83	.6225	.0860
#1	.0103	-.0008	.0008	.0021	9.132	5.074	.0032	5.788	1.804
#2	.0072	-.0000	.0013	.0021	9.163	5.098	.0038	5.794	1.807
#3	.0069	-.0002	.0011	.0015	9.128	5.161	.0070	5.729	1.804

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	F **858.6**	**.0236**	**.1744**	**.0027**	**.5795**	**-.0001**	**-.0019**	**7.232**
Stddev	.0002	7.0	.0004	.0004	.0012	.0044	.0006	.0012	.012
%RSD	15.16	.8097	1.841	.2376	47.15	.7530	684.5	66.22	.1694
#1	.0015	855.8	.0231	.1748	.0032	.5840	-.0007	-.0026	7.235
#2	.0012	853.5	.0240	.1740	.0035	.5753	.0002	-.0004	7.242
#3	.0012	866.5	.0237	.1743	.0012	.5793	.0002	-.0026	7.218

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0026**	**.4914**	**-.0001**	**.0001**	**.0008**	**.0004**	**.0005**	**-.0047**
Stddev	.0006	.0006	.0002	.0011	.0001	.0017	.0002	.0001
%RSD	22.51	.1197	144.5	709.8	8.677	416.6	44.93	2.598
#1	-.0020	.4916	-.0003	.0006	.0009	.0020	.0007	-.0047
#2	-.0031	.4919	-.0002	.0009	.0009	.0006	.0006	-.0047
#3	-.0029	.4908	.0001	-.0011	.0008	-.0014	.0003	-.0045

Zoom In Zoom Out

Sample Name: jd58634-2 Acquired: 1/17/2023 2:15:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6551.4**	**102070.**	**12839.**	**2801.3**
Stddev	14.6	332.	35.	3.1
%RSD	.22326	.32535	.27399	.11023
#1	6567.3	102010.	12863.	2804.6
#2	6548.4	101780.	12799.	2800.9
#3	6538.6	102440.	12856.	2798.5

Zoom In Zoom Out

Sample Name: jd58634-4 Acquired: 1/17/2023 2:20:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**2.368**	**.0048**	**.2598**	**.0887**	**.0001**	**.0100**	**33.30**	**-.0002**
Stddev	.0007	.011	.0013	.0016	.0002	.0001	.0010	.08	.0003
%RSD	55.47	.4596	26.27	.6284	.1750	55.62	10.42	.2298	158.5
#1	-.0008	2.381	.0036	.2597	.0889	.0001	.0088	33.37	.0001
#2	-.0009	2.362	.0061	.2614	.0887	.0001	.0109	33.22	-.0002
#3	-.0020	2.362	.0048	.2582	.0886	.0002	.0102	33.31	-.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0204**	**.0012**	**.0030**	**.0078**	**11.07**	**5.396**	**.0046**	**4.781**	**1.944**
Stddev	.0008	.0002	.0000	.0001	.05	.022	.0019	.015	.001
%RSD	3.956	13.30	1.026	1.794	.4860	.4112	42.31	.3231	.0483
#1	.0205	.0010	.0029	.0076	11.12	5.374	.0047	4.791	1.943
#2	.0212	.0012	.0029	.0079	11.01	5.396	.0065	4.763	1.945
#3	.0196	.0013	.0030	.0078	11.08	5.418	.0026	4.788	1.944

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**135.4**	**.0034**	**.2837**	**.0150**	**2.833**	**.0013**	**-.0040**	**13.73**
Stddev	.0004	.2	.0006	.0024	.0005	.005	.0009	.0025	.02
%RSD	15.94	.1595	16.77	.8453	3.234	.1899	72.86	61.94	.1151
#1	.0023	135.6	.0029	.2865	.0155	2.834	.0008	-.0067	13.74
#2	.0025	135.2	.0040	.2827	.0145	2.837	.0007	-.0033	13.74
#3	.0018	135.5	.0032	.2821	.0151	2.827	.0023	-.0019	13.71

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.1828**	**.0787**	**-.0007**	**.0063**	**.0005**	**.0482**	**-.0084**
Stddev	.0005	.0003	.0004	.0013	.0004	.0015	.0001	.0003
%RSD	54.25	.1570	.5518	174.9	5.768	289.2	.2187	2.978
#1	-.0010	.1831	.0792	-.0018	.0062	.0004	.0481	-.0086
#2	-.0013	.1826	.0785	.0007	.0060	-.0009	.0483	-.0085
#3	-.0004	.1826	.0783	-.0011	.0067	.0020	.0481	-.0081

Zoom In Zoom Out

Sample Name: jd58634-4 Acquired: 1/17/2023 2:20:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7017.7**	**107240.**	**13051.**	**2919.9**
Stddev	9.7	336.	105.	6.3
%RSD	.13879	.31370	.80760	.21581
#1	7010.7	107510.	12985.	2912.7
#2	7028.8	107350.	13173.	2924.2
#3	7013.4	106870.	12996.	2922.9

Zoom In Zoom Out

Sample Name: jd58634-5 Acquired: 1/17/2023 2:25:35 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.1807**	**.0066**	**.1966**	**.0510**	**-.0000**	**.0009**	**17.39**	**-.0000**
Stddev	.0002	.0100	.0002	.0010	.0005	.0001	.0011	.02	.0002
%RSD	25.79	5.524	2.292	.5094	1.077	1009.	114.4	.0992	701.3
#1	-.0007	.1752	.0066	.1965	.0511	-.0000	.0013	17.37	.0002
#2	-.0008	.1923	.0067	.1957	.0505	-.0000	.0018	17.40	-.0002
#3	-.0012	.1748	.0064	.1977	.0516	.0001	-.0003	17.39	-.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0110**	**-.0003**	**.0015**	**.0018**	**5.367**	**1.584**	**.0036**	**2.216**	**3.017**
Stddev	.0015	.0001	.0003	.0002	.004	.024	.0009	.013	.002
%RSD	14.12	50.38	20.10	11.43	.0780	1.513	24.19	.5719	.0633
#1	.0109	-.0003	.0016	.0016	5.362	1.563	.0029	2.231	3.019
#2	.0094	-.0004	.0011	.0018	5.370	1.610	.0046	2.206	3.016
#3	.0125	-.0001	.0016	.0020	5.368	1.579	.0034	2.213	3.015

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	F **216.8**	**.0006**	**.6020**	**.0062**	**.7252**	**.0010**	**-.0006**	**10.85**
Stddev	.0002	.1	.0003	.0027	.0015	.0028	.0007	.0019	.02
%RSD	13.21	.0651	51.21	.4409	24.32	.3797	77.07	291.2	.1671
#1	.0014	216.6	.0003	.6006	.0071	.7231	.0002	-.0012	10.84
#2	.0011	216.9	.0009	.6051	.0044	.7283	.0017	-.0021	10.87
#3	.0012	216.9	.0006	.6003	.0070	.7241	.0010	.0015	10.85

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0645**	**.0111**	**.0002**	**.0044**	**.0011**	**.0035**	**-.0069**
Stddev	.0003	.0002	.0003	.0026	.0004	.0003	.0003	.0002
%RSD	61.98	.2980	2.622	1368.	10.17	28.93	8.579	2.520
#1	-.0003	.0646	.0113	-.0021	.0041	.0013	.0035	-.0069
#2	-.0009	.0647	.0113	-.0003	.0042	.0013	.0032	-.0071
#3	-.0004	.0643	.0108	.0030	.0049	.0007	.0038	-.0067

Zoom In Zoom Out

Sample Name: jd58634-5 Acquired: 1/17/2023 2:25:35 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6947.4**	**106160.**	**12975.**	**2904.8**
Stddev	8.9	222.	26.	3.5
%RSD	.12742	.20891	.20309	.12077
#1	6947.0	105910.	12967.	2908.6
#2	6956.5	106210.	12953.	2904.0
#3	6938.8	106350.	13004.	2901.7

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 2:30:45 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2589**	**41.48**	**2.145**	**2.154**	**2.078**	**2.033**	**2.094**	**39.48**	**2.114**
Stddev	.0007	.03	.001	.004	.002	.002	.005	.07	.003
%RSD	.2837	.0657	.0268	.1740	.0947	.0849	.2577	.1691	.1277
#1	.2582	41.51	2.145	2.158	2.076	2.035	2.093	39.53	2.114
#2	.2589	41.47	2.146	2.153	2.080	2.032	2.100	39.40	2.117
#3	.2596	41.45	2.145	2.151	2.077	2.033	2.089	39.50	2.111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.090**	**2.116**	**2.055**	**2.050**	**38.96**	**42.02**	**2.131**	**39.43**	**2.115**
Stddev	.004	.003	.001	.002	.05	.07	.003	.11	.000
%RSD	.1936	.1421	.0425	.0926	.1178	.1610	.1238	.2721	.0060
#1	2.087	2.117	2.056	2.049	39.01	41.97	2.128	39.50	2.115
#2	2.088	2.113	2.055	2.052	38.92	41.99	2.131	39.31	2.115
#3	2.094	2.119	2.055	2.049	38.97	42.10	2.133	39.49	2.115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.163**	**42.11**	**2.107**	**2.140**	**2.131**	**2.136**	**2.136**	**2.103**	**5.213**
Stddev	.002	.05	.003	.003	.004	.002	.003	.004	.005
%RSD	.1024	.1129	.1296	.1484	.1789	.0748	.1489	.1953	.1010
#1	2.163	42.15	2.105	2.142	2.133	2.138	2.137	2.103	5.213
#2	2.165	42.06	2.107	2.141	2.126	2.135	2.138	2.107	5.219
#3	2.160	42.12	2.110	2.136	2.133	2.135	2.132	2.099	5.208
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 2:30:45 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.175**	**2.130**	**2.094**	**2.127**	**2.066**	**2.181**	**2.014**	**2.082**
Stddev	.005	.001	.001	.002	.001	.001	.003	.004
%RSD	.2304	.0372	.0669	.0905	.0565	.0626	.1362	.1850
#1	2.170	2.131	2.093	2.127	2.065	2.182	2.012	2.078
#2	2.180	2.130	2.092	2.129	2.066	2.181	2.017	2.086
#3	2.174	2.129	2.095	2.125	2.067	2.180	2.013	2.082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7009.3**	**105370.**	**12851.**	**2900.2**
Stddev	10.4	120.	110.	.8
%RSD	.14839	.11422	.85462	.02657
#1	7007.7	105370.	12759.	2900.8
#2	7020.4	105490.	12973.	2900.4
#3	6999.8	105250.	12821.	2899.3

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 2:35:36 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**.0012**	**-.0006**	**.0034**	**.0002**	**-.0000**	**-.0007**	**-.0073**	**.0002**
Stddev	.0003	.0049	.0010	.0003	.0001	.0000	.0020	.0013	.0002
%RSD	33.51	419.4	156.4	8.468	36.35	109.5	291.3	18.10	75.87
#1	-.0007	.0064	.0001	.0031	.0002	-.0001	.0006	-.0063	.0004
#2	-.0012	.0002	-.0002	.0037	.0003	.0000	-.0030	-.0068	.0000
#3	-.0008	-.0031	-.0018	.0034	.0001	-.0001	.0003	-.0088	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0004**	**-.0007**	**-.0005**	**-.0014**	**-.0778**	**.0033**	**-.0054**	**-.0000**
Stddev	.0031	.0002	.0005	.0004	.0024	.0443	.0009	.0230	.0000
%RSD	1696.	53.01	69.51	78.08	173.2	57.00	28.51	429.1	456.2
#1	.0031	.0003	-.0004	-.0001	-.0039	-.0305	.0026	-.0142	.0000
#2	-.0005	.0003	-.0005	-.0005	.0009	-.1184	.0029	.0208	.0000
#3	-.0031	.0006	-.0012	-.0008	-.0012	-.0843	.0044	-.0227	-.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0910**	**.0001**	**-.0068**	**.0008**	**-.0047**	**.0029**	**.0007**	**.0011**
Stddev	.0001	.0057	.0002	.0016	.0008	.0013	.0009	.0003	.0014
%RSD	15.44	6.280	235.3	23.56	100.8	27.92	32.11	48.06	137.8
#1	.0005	.0878	.0001	-.0085	.0009	-.0050	.0028	.0009	.0025
#2	.0005	.0876	.0002	-.0054	-.0000	-.0033	.0020	.0003	.0010
#3	.0004	.0976	-.0001	-.0064	.0016	-.0059	.0038	.0008	-.0004

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**-.0000**	**.0001**	**.0005**	**.0001**	**-.0004**	**-.0005**	**.0000**
Stddev	.0007	.0001	.0003	.0013	.0000	.0015	.0001	.0001
%RSD	71.69	838.1	206.2	244.4	67.41	374.1	22.81	352.9
#1	.0011	-.0001	.0000	.0015	.0001	-.0002	-.0006	-.0001
#2	.0002	.0001	-.0000	.0011	.0000	-.0019	-.0004	.0001
#3	.0014	.0000	.0004	-.0010	.0000	.0010	-.0006	.0001

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 2:35:36 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7248.8**	**108280.**	**12747.**	**2954.4**
Stddev	11.0	319.	166.	4.6
%RSD	.15118	.29463	1.3011	.15630
#1	7261.4	107930.	12927.	2959.7
#2	7243.2	108570.	12713.	2952.1
#3	7241.7	108330.	12601.	2951.3

Zoom In Zoom Out

Sample Name: jd58642-1 Acquired: 1/17/2023 2:40:52 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.4563**	**.0087**	**.3414**	**.2198**	**.0001**	**.0033**	**56.43**	**-.0002**
Stddev	.0001	.0110	.0004	.0007	.0005	.0000	.0011	.04	.0001
%RSD	10.90	2.409	4.232	.1978	.2431	36.43	33.09	.0715	54.84
#1	-.0012	.4483	.0088	.3420	.2199	.0001	.0027	56.48	-.0001
#2	-.0011	.4689	.0083	.3416	.2203	.0001	.0046	56.40	-.0003
#3	-.0014	.4518	.0090	.3407	.2193	.0000	.0027	56.41	-.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0041**	**-.0002**	**.0006**	**.0100**	**1.691**	**58.62**	**.0078**	**12.54**	**.2601**
Stddev	.0033	.0003	.0002	.0003	.006	.02	.0015	.07	.0004
%RSD	79.91	161.0	27.42	3.265	.3823	.0426	19.91	.5419	.1402
#1	.0013	-.0006	.0007	.0104	1.686	58.63	.0096	12.60	.2597
#2	.0034	.0001	.0007	.0100	1.689	58.64	.0068	12.56	.2600
#3	.0078	-.0002	.0004	.0097	1.699	58.59	.0070	12.46	.2605

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039**	F **214.6**	**.0018**	**.4211**	**.0074**	**.9711**	**.0010**	**-.0001**	**6.100**
Stddev	.0001	.3	.0005	.0011	.0003	.0018	.0021	.0015	.015
%RSD	3.117	.1356	27.89	.2682	4.029	.1845	216.4	1049.	.2429
#1	.0040	214.9	.0023	.4219	.0071	.9732	.0024	.0007	6.102
#2	.0038	214.4	.0015	.4198	.0077	.9700	.0019	-.0019	6.084
#3	.0038	214.4	.0015	.4216	.0073	.9701	-.0014	.0008	6.113

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0016**	**.7078**	**.0166**	**.0003**	**.0012**	**.0199**	**.0085**	**-.0031**
Stddev	.0010	.0014	.0017	.0026	.0001	.0009	.0002	.0001
%RSD	61.07	.2037	10.46	924.6	7.297	4.390	2.488	4.199
#1	-.0012	.7095	.0186	.0032	.0012	.0204	.0083	-.0029
#2	-.0009	.7069	.0152	-.0006	.0012	.0189	.0087	-.0031
#3	-.0028	.7071	.0162	-.0017	.0011	.0204	.0084	-.0032

Zoom In Zoom Out

Sample Name: jd58642-1 Acquired: 1/17/2023 2:40:52 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6878.8**	**106400.**	**12900.**	**2880.8**
Stddev	20.8	73.	11.	9.5
%RSD	.30234	.06832	.08351	.32938
#1	6856.6	106480.	12890.	2869.8
#2	6881.9	106390.	12912.	2885.5
#3	6897.9	106330.	12899.	2887.0

Zoom In Zoom Out

Sample Name: jd58642-2 Acquired: 1/17/2023 2:46:00 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**.0359**	**.0011**	**.2889**	**.1710**	**.0000**	**.0005**	**89.41**	**.0004**
Stddev	.0003	.0130	.0013	.0010	.0004	.0001	.0013	.22	.0003
%RSD	18.20	36.25	118.8	.3570	.2381	4657.	236.6	.2414	65.47
#1	-.0013	.0450	.0015	.2891	.1706	-.0001	.0003	89.32	.0006
#2	-.0012	.0416	-.0004	.2898	.1711	.0001	.0019	89.25	.0001
#3	-.0017	.0210	.0023	.2877	.1714	.0000	-.0006	89.66	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0091**	**-.0007**	**.0002**	**.0003**	**.2346**	**98.05**	**.1249**	**9.490**	**.2421**
Stddev	.0028	.0003	.0006	.0003	.0031	.20	.0010	.028	.0007
%RSD	31.19	46.73	243.5	120.2	1.317	.2004	.7901	.2945	.2922
#1	.0091	-.0008	-.0004	.0003	.2311	97.99	.1260	9.483	.2423
#2	.0062	-.0008	.0008	-.0001	.2365	97.90	.1242	9.466	.2413
#3	.0119	-.0003	.0003	.0005	.2363	98.27	.1244	9.521	.2427

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**149.9**	**.0006**	**.1963**	**.0021**	**3.010**	**.0004**	**-.0023**	**10.98**
Stddev	.0001	.3	.0000	.0008	.0006	.004	.0003	.0035	.02
%RSD	6.268	.1905	8.921	.4223	29.20	.1367	57.73	151.3	.2142
#1	.0010	149.7	.0005	.1965	.0015	3.012	.0005	-.0022	10.96
#2	.0011	149.8	.0006	.1954	.0021	3.012	.0002	.0011	11.01
#3	.0011	150.2	.0006	.1970	.0028	3.005	.0007	-.0059	10.99

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0023**	**7.404**	**.0010**	**.0034**	**.0014**	**.0011**	**.0006**	**-.0066**
Stddev	.0004	.086	.0003	.0021	.0004	.0020	.0002	.0000
%RSD	17.72	1.155	31.45	60.40	27.07	185.9	37.75	.3719
#1	-.0028	7.387	.0013	.0044	.0019	.0002	.0006	-.0066
#2	-.0021	7.329	.0011	.0048	.0012	.0034	.0004	-.0065
#3	-.0021	7.497	.0007	.0010	.0012	-.0003	.0008	-.0066

Zoom In Zoom Out

Sample Name: jd58642-2 Acquired: 1/17/2023 2:46:00 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6880.5**	**106170.**	**12926.**	**2870.9**
Stddev	5.0	453.	53.	2.2
%RSD	.07288	.42695	.40965	.07741
#1	6879.2	105930.	12894.	2872.2
#2	6886.0	106690.	12988.	2872.2
#3	6876.2	105880.	12897.	2868.3

Zoom In Zoom Out

Sample Name: jd58642-3 Acquired: 1/17/2023 2:51:16 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**.1732**	**.0048**	**.8804**	**.2042**	**.0001**	**.0011**	**129.1**	**-.0000**
Stddev	.0006	.0175	.0009	.0017	.0004	.0000	.0017	.2	.0004
%RSD	45.40	10.08	18.32	.1905	.2107	74.44	150.0	.1900	1348.
#1	-.0014	.1899	.0053	.8820	.2047	.0000	.0031	129.2	.0000
#2	-.0007	.1551	.0038	.8805	.2042	.0001	-.0002	129.2	.0003
#3	-.0020	.1746	.0053	.8787	.2038	.0001	.0005	128.8	-.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0105**	**-.0005**	**.0012**	**.0058**	**14.13**	**26.93**	**.0341**	**28.66**	**.6257**
Stddev	.0013	.0002	.0004	.0002	.04	.03	.0010	.10	.0006
%RSD	12.50	36.49	30.42	3.097	.2919	.1096	3.060	.3476	.0938
#1	.0120	-.0004	.0011	.0059	14.12	26.96	.0333	28.74	.6264
#2	.0097	-.0003	.0016	.0056	14.17	26.90	.0353	28.69	.6254
#3	.0099	-.0007	.0009	.0059	14.08	26.93	.0338	28.55	.6253

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	F **205.0**	**.0003**	**1.279**	**.0146**	**.4985**	**.0019**	**-.0002**	**15.36**
Stddev	.0003	.2	.0002	.006	.0007	.0055	.0009	.0009	.07
%RSD	3817.	.1122	58.58	.4848	4.700	1.105	47.11	407.2	.4715
#1	-.0003	205.1	.0003	1.287	.0140	.5005	.0024	.0007	15.43
#2	.0002	205.2	.0001	1.275	.0153	.5027	.0025	-.0001	15.35
#3	.0001	204.8	.0005	1.277	.0144	.4922	.0009	-.0012	15.29

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0036**	**1.218**	**.0088**	**.0002**	**.0009**	**.0013**	**.0040**	**-.0099**
Stddev	.0006	.001	.0025	.0001	.0002	.0009	.0001	.0002
%RSD	17.57	.0927	28.21	33.82	17.07	69.69	3.234	2.448
#1	-.0034	1.217	.0077	.0002	.0008	.0004	.0039	-.0100
#2	-.0043	1.219	.0116	.0001	.0011	.0013	.0040	-.0100
#3	-.0031	1.218	.0071	.0003	.0008	.0022	.0041	-.0096

Zoom In Zoom Out

Sample Name: jd58642-3 Acquired: 1/17/2023 2:51:16 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6711.7**	**105330.**	**12774.**	**2794.8**
Stddev	16.5	83.	81.	6.4
%RSD	.24585	.07853	.63281	.22763
#1	6706.8	105240.	12733.	2793.8
#2	6698.3	105400.	12722.	2789.0
#3	6730.2	105350.	12867.	2801.6

Zoom In Zoom Out

Sample Name: jd58642-4 Acquired: 1/17/2023 2:56:22 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0483**	**.0017**	**.2880**	**.1721**	**-.0000**	**.0011**	**88.63**	**.0006**
Stddev	.0003	.0177	.0007	.0013	.0001	.0001	.0014	.14	.0001
%RSD	27.01	36.53	42.30	.4655	.0753	358.4	125.6	.1602	22.01
#1	-.0010	.0305	.0009	.2884	.1722	.0000	-.0004	88.58	.0005
#2	-.0012	.0487	.0022	.2891	.1721	-.0001	.0023	88.53	.0005
#3	-.0017	.0658	.0019	.2865	.1719	-.0000	.0013	88.79	.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0069**	**-.0009**	**.0002**	**.0004**	**.2395**	**98.40**	**.1275**	**9.621**	**.2509**
Stddev	.0029	.0001	.0003	.0002	.0008	.19	.0012	.008	.0003
%RSD	41.46	10.47	122.6	56.27	.3413	.1883	.9762	.0841	.1284
#1	.0074	-.0008	.0000	.0002	.2393	98.44	.1276	9.629	.2512
#2	.0038	-.0008	.0001	.0006	.2404	98.21	.1262	9.619	.2508
#3	.0094	-.0010	.0006	.0004	.2388	98.57	.1287	9.613	.2506

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**149.3**	**.0005**	**.1976**	**.0036**	**3.068**	**.0011**	**-.0017**	**10.84**
Stddev	.0004	.2	.0005	.0019	.0006	.002	.0008	.0010	.01
%RSD	36.94	.1013	100.7	.9834	15.31	.0572	72.70	59.86	.1125
#1	.0010	149.3	.0005	.1998	.0035	3.069	.0014	-.0010	10.84
#2	.0014	149.1	.0009	.1961	.0031	3.067	.0002	-.0029	10.84
#3	.0006	149.4	-.0000	.1967	.0042	3.070	.0016	-.0013	10.82

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0022**	**7.518**	**.0018**	**.0039**	**.0011**	**.0001**	**.0023**	**-.0066**
Stddev	.0009	.025	.0010	.0033	.0002	.0011	.0001	.0002
%RSD	40.59	.3278	53.55	85.15	19.02	1889.	4.890	2.666
#1	-.0012	7.534	.0011	.0073	.0010	.0010	.0023	-.0067
#2	-.0030	7.490	.0015	.0036	.0009	.0004	.0021	-.0068
#3	-.0022	7.531	.0029	.0007	.0013	-.0012	.0023	-.0064

Zoom In Zoom Out

Sample Name: jd58642-4 Acquired: 1/17/2023 2:56:22 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6839.7**	**104340.**	**12793.**	**2853.5**
Stddev	6.9	425.	93.	1.6
%RSD	.10045	.40762	.73033	.05629
#1	6834.5	103850.	12700.	2852.7
#2	6837.2	104560.	12887.	2852.5
#3	6847.5	104610.	12792.	2855.3

Zoom In Zoom Out

Sample Name: jd58642-5 Acquired: 1/17/2023 3:01:39 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0056**	**-.0011**	**.0025**	**.0000**	**-.0001**	**-.0017**	**.0035**	**.0000**
Stddev	.0004	.0144	.0004	.0004	.0001	.0000	.0005	.0043	.0002
%RSD	33.13	255.5	38.51	13.85	219.6	55.16	32.66	122.2	717.0
#1	-.0007	-.0029	-.0010	.0028	-.0000	-.0000	-.0015	.0018	.0002
#2	-.0014	.0072	-.0008	.0027	.0000	-.0001	-.0023	.0083	-.0002
#3	-.0010	-.0212	-.0016	.0021	.0002	-.0001	-.0012	.0003	.0001

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0023**	**.0001**	**-.0002**	**-.0007**	**.0038**	**.0471**	**.0021**	**-.0089**	**.0001**
Stddev	.0016	.0003	.0001	.0001	.0013	.0304	.0019	.0132	.0000
%RSD	68.03	206.4	53.12	14.94	34.66	64.48	88.14	148.8	11.78
#1	-.0025	.0004	-.0001	-.0007	.0023	.0816	.0035	-.0185	.0001
#2	-.0037	-.0001	-.0004	-.0005	.0046	.0243	-.0000	.0062	.0001
#3	-.0006	.0000	-.0003	-.0007	.0045	.0355	.0029	-.0142	.0001

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.1096**	**-.0000**	**-.0049**	**.0007**	**.0031**	**.0026**	**-.0005**	**.0137**
Stddev	.0003	.0035	.0002	.0012	.0006	.0006	.0002	.0013	.0010
%RSD	1456.	3.156	5468.	23.51	96.11	20.70	7.627	284.3	7.203
#1	.0003	.1075	.0003	-.0043	.0011	.0031	.0028	-.0015	.0130
#2	.0000	.1136	-.0002	-.0062	.0009	.0024	.0024	-.0009	.0148
#3	-.0003	.1077	-.0000	-.0042	-.0001	.0037	.0025	.0010	.0132

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0000**	**.0000**	**-.0013**	**-.0002**	**-.0008**	**.0010**	**-.0000**
Stddev	.0011	.0001	.0002	.0014	.0004	.0009	.0002	.0002
%RSD	524.9	150.8	439.8	110.3	166.8	116.8	17.93	442.0
#1	-.0010	.0000	.0003	-.0025	-.0005	-.0016	.0012	.0001
#2	.0003	-.0000	-.0001	-.0016	-.0003	.0001	.0011	-.0002
#3	.0013	.0001	-.0000	.0003	.0002	-.0008	.0008	-.0000

Zoom In Zoom Out

Sample Name: jd58642-5 Acquired: 1/17/2023 3:01:39 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7383.1**	**111190.**	**13114.**	**3012.0**
Stddev	14.5	463.	60.	2.5
%RSD	.19611	.41673	.45851	.08315
#1	7370.6	111020.	13070.	3011.3
#2	7379.8	110830.	13183.	3009.9
#3	7399.0	111710.	13090.	3014.7

Zoom In Zoom Out

Sample Name: jd58642-6 Acquired: 1/17/2023 3:06:53 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.1170**	**-.0015**	**.0020**	**.0003**	**-.0000**	**-.0002**	**.0152**	**.0000**
Stddev	.0003	.0015	.0010	.0019	.0003	.0000	.0007	.0036	.0003
%RSD	22.38	1.282	71.36	95.29	122.2	82.78	357.5	23.95	628.4
#1	-.0016	.1181	-.0027	.0037	.0006	-.0001	-.0004	.0124	.0002
#2	-.0011	.1177	-.0008	.0022	-.0001	-.0000	.0006	.0140	.0002
#3	-.0010	.1153	-.0009	-.0000	.0003	-.0000	-.0007	.0193	-.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0002**	**.0000**	**-.0005**	**.0138**	**-.0155**	**.0017**	**-.0166**	**.0003**
Stddev	.0012	.0003	.0001	.0001	.0024	.0281	.0006	.0132	.0000
%RSD	104.1	148.4	229.7	28.31	17.64	181.2	34.65	79.24	8.731
#1	-.0025	.0004	-.0000	-.0005	.0164	.0149	.0014	-.0146	.0003
#2	.0000	-.0001	.0001	-.0003	.0134	-.0404	.0014	-.0046	.0003
#3	-.0011	.0003	-.0000	-.0006	.0115	-.0210	.0024	-.0307	.0003

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0773**	**.0001**	**-.0060**	**.0014**	**.0032**	**.0012**	**.0005**	**.0163**
Stddev	.0001	.0168	.0002	.0015	.0021	.0023	.0012	.0012	.0011
%RSD	551.2	21.71	290.5	25.68	146.9	70.13	99.57	220.8	6.792
#1	.0001	.0707	.0003	-.0067	-.0009	.0024	-.0001	-.0001	.0151
#2	-.0001	.0647	.0001	-.0071	.0032	.0058	.0022	.0019	.0167
#3	.0001	.0963	-.0001	-.0042	.0019	.0015	.0015	-.0002	.0172

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0001**	**.0005**	**-.0009**	**.0001**	**.0002**	**.0030**	**.0000**
Stddev	.0007	.0000	.0003	.0007	.0002	.0011	.0001	.0001
%RSD	200.2	51.07	59.72	77.88	288.9	487.8	2.556	374.5
#1	.0009	.0001	.0003	-.0008	.0003	.0007	.0030	.0001
#2	.0006	.0001	.0008	-.0015	-.0000	-.0010	.0031	-.0001
#3	-.0005	.0000	.0003	-.0002	-.0001	.0010	.0030	.0001

Zoom In Zoom Out

Sample Name: jd58642-6 Acquired: 1/17/2023 3:06:53 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7306.6**	**109410.**	**12970.**	**2982.1**
Stddev	4.6	241.	79.	1.4
%RSD	.06349	.22049	.61108	.04653
#1	7311.9	109290.	12976.	2983.7
#2	7303.5	109250.	13047.	2981.1
#3	7304.3	109680.	12889.	2981.6

Zoom In Zoom Out

Sample Name: jd58643-2 Acquired: 1/17/2023 3:12:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.0074**	**-.0011**	**.0011**	**.0003**	**.0000**	**-.0018**	**.0533**	**-.0001**
Stddev	.0007	.0076	.0008	.0007	.0002	.0001	.0008	.0029	.0000
%RSD	62.96	102.7	68.18	66.04	68.33	194.0	45.76	5.531	62.66
#1	-.0009	.0158	-.0009	.0015	.0002	.0001	-.0024	.0567	-.0000
#2	-.0018	.0049	-.0005	.0003	.0005	-.0001	-.0009	.0518	-.0001
#3	-.0005	.0014	-.0020	.0016	.0001	.0001	-.0020	.0514	-.0000

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026**	**.0001**	**-.0002**	**-.0002**	**.0014**	**-.0260**	**.0011**	**-.0106**	**.0002**
Stddev	.0002	.0000	.0001	.0002	.0025	.0534	.0027	.0272	.0000
%RSD	8.624	63.93	76.29	133.3	176.5	205.1	254.1	256.3	11.24
#1	.0024	.0001	-.0002	-.0000	.0015	.0194	.0024	.0132	.0002
#2	.0028	.0001	-.0000	-.0001	-.0011	-.0126	.0029	-.0047	.0002
#3	.0027	.0000	-.0002	-.0004	.0038	-.0848	-.0021	-.0402	.0002

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0709**	**.0001**	**-.0053**	**.0001**	**.0015**	**.0025**	**.0027**	**.0170**
Stddev	.0001	.0059	.0004	.0008	.0023	.0015	.0017	.0021	.0014
%RSD	30.63	8.289	300.3	14.33	2068.	105.8	69.51	78.01	8.186
#1	-.0003	.0750	-.0001	-.0057	-.0002	.0006	.0012	.0003	.0185
#2	-.0003	.0736	.0005	-.0057	-.0020	.0005	.0017	.0041	.0167
#3	-.0005	.0642	-.0000	-.0044	.0025	.0032	.0044	.0038	.0157

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0001**	**.0004**	**.0002**	**-.0000**	**.0008**	**.0017**	**.0001**
Stddev	.0014	.0001	.0001	.0022	.0003	.0013	.0001	.0002
%RSD	282.9	63.47	37.74	1203.	2750.	155.6	7.071	261.2
#1	-.0011	.0000	.0002	-.0004	-.0003	-.0001	.0016	.0003
#2	.0017	.0002	.0004	.0026	-.0000	.0003	.0016	-.0002
#3	.0008	.0002	.0005	-.0017	.0003	.0023	.0018	.0001

Zoom In Zoom Out

Sample Name: jd58643-2 Acquired: 1/17/2023 3:12:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7293.3**	**109390.**	**12933.**	**2973.1**
Stddev	10.8	613.	118.	3.4
%RSD	.14794	.56016	.91008	.11561
#1	7286.4	109720.	12890.	2973.9
#2	7287.7	108680.	13066.	2969.3
#3	7305.7	109770.	12842.	2976.0

Zoom In Zoom Out

Sample Name: jd58647-1 Acquired: 1/17/2023 3:17:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**.0577**	**-.0001**	**.2501**	**.0366**	**.0000**	**-.0004**	**50.63**	**.0003**
Stddev	.0003	.0079	.0010	.0017	.0001	.0000	.0008	.09	.0006
%RSD	22.14	13.71	866.1	.6652	.1939	123.5	203.6	.1776	207.2
#1	-.0018	.0551	-.0011	.2485	.0366	-.0000	.0004	50.73	.0005
#2	-.0011	.0665	-.0002	.2518	.0367	.0000	-.0011	50.59	.0008
#3	-.0015	.0513	.0010	.2500	.0366	.0000	-.0005	50.56	-.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027**	**-.0010**	**.0005**	**.0015**	**3.251**	**23.86**	**.0123**	**6.167**	**.1255**
Stddev	.0022	.0001	.0001	.0001	.007	.03	.0012	.034	.0005
%RSD	78.97	9.440	18.15	9.584	.2306	.1427	9.729	.5526	.3909
#1	.0052	-.0009	.0006	.0017	3.257	23.83	.0133	6.206	.1256
#2	.0016	-.0011	.0006	.0015	3.254	23.85	.0110	6.153	.1260
#3	.0013	-.0009	.0004	.0014	3.243	23.90	.0124	6.143	.1250

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**48.66**	**.0007**	**.0046**	**.0019**	**14.93**	**.0001**	**-.0011**	**1.321**
Stddev	.0003	.08	.0001	.0023	.0014	.01	.0017	.0010	.002
%RSD	27.66	.1718	9.266	48.79	72.37	.0831	2352.	89.29	.1626
#1	.0012	48.76	.0007	.0043	.0035	14.92	.0020	-.0020	1.322
#2	.0011	48.62	.0007	.0070	.0016	14.94	-.0006	-.0000	1.319
#3	.0007	48.61	.0008	.0025	.0007	14.92	-.0012	-.0013	1.323

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0024**	**.5328**	**.0025**	**.0024**	**.0001**	**.0005**	**.0068**	**-.0007**
Stddev	.0007	.0011	.0005	.0015	.0003	.0028	.0002	.0000
%RSD	29.98	.2132	18.54	62.59	316.0	617.4	2.862	6.377
#1	-.0032	.5340	.0024	.0040	-.0002	.0034	.0070	-.0007
#2	-.0024	.5325	.0022	.0009	.0001	-.0021	.0068	-.0008
#3	-.0017	.5318	.0031	.0024	.0004	.0001	.0066	-.0007

Zoom In Zoom Out

Sample Name: jd58647-1 Acquired: 1/17/2023 3:17:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7067.7**	**108010.**	**12909.**	**2913.9**
Stddev	12.5	666.	58.	5.3
%RSD	.17756	.61675	.45179	.18250
#1	7060.2	107990.	12856.	2915.5
#2	7060.8	107350.	12900.	2908.0
#3	7082.2	108690.	12972.	2918.3

Zoom In Zoom Out

Sample Name: jd58720-1 Acquired: 1/17/2023 3:22:32 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**8.828**	**.0124**	**.6767**	**.2257**	**.0009**	**.0563**	**101.7**
Stddev	.0002	.013	.0018	.0007	.0006	.0000	.0008	.3
%RSD	54.23	.1505	14.24	.1084	.2842	3.164	1.359	.2665
#1	-.0007	8.818	.0131	.6775	.2264	.0010	.0562	102.0
#2	-.0004	8.843	.0104	.6764	.2255	.0009	.0571	101.5
#3	-.0002	8.822	.0137	.6762	.2252	.0010	.0556	101.6

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0600**	**.0224**	**.0211**	**.0473**	**17.22**	**53.70**	**.0529**
Stddev	.0001	.0033	.0006	.0003	.0001	.05	.08	.0009
%RSD	28.83	5.565	2.607	1.501	.2905	.3049	.1582	1.724
#1	.0007	.0561	.0230	.0211	.0474	17.28	53.78	.0518
#2	.0004	.0618	.0218	.0208	.0473	17.18	53.61	.0535
#3	.0004	.0619	.0225	.0214	.0471	17.20	53.71	.0533

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**148.1**	**1.232**	**.0029**	F **1073.**	**.0985**	**.6959**	**.0514**	**82.78**
Stddev	.6	.001	.0004	18.	.0002	.0004	.0009	.06
%RSD	.4076	.0771	13.51	1.710	.2163	.0605	1.696	.0689
#1	148.8	1.231	.0031	1094.	.0987	.6957	.0513	82.84
#2	147.8	1.231	.0031	1060.	.0983	.6957	.0524	82.72
#3	147.8	1.233	.0024	1065.	.0984	.6964	.0506	82.79

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044**	**-.0002**	**24.10**	**-.0014**	**1.152**	**.3989**	**.0053**	**.0268**
Stddev	.0005	.0020	.06	.0008	.002	.0021	.0021	.0001
%RSD	11.24	1020.	.2294	61.00	.1486	.5152	38.97	.5043
#1	.0045	-.0024	24.04	-.0006	1.154	.4004	.0035	.0269
#2	.0039	.0017	24.12	-.0023	1.151	.3997	.0076	.0266
#3	.0049	.0001	24.14	-.0012	1.152	.3966	.0050	.0268

Zoom In Zoom Out

Sample Name: jd58720-1 Acquired: 1/17/2023 3:22:32 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0004**	**.0850**	F **-.0115**
Stddev	.0011	.0003	.0001
%RSD	274.8	.4078	.9429
#1	-.0008	.0854	-.0114
#2	.0007	.0848	-.0116
#3	.0013	.0848	-.0114

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6361.3**	**99999.**	**12547.**	**2722.0**
Stddev	18.5	111.	110.	7.9
%RSD	.29148	.11050	.87715	.28881
#1	6340.0	100060.	12422.	2713.2
#2	6369.8	100070.	12628.	2724.7
#3	6374.0	99872.	12591.	2728.2

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 3:27:45 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2581**	**41.23**	**2.133**	**2.145**	**2.069**	**2.026**	**2.081**	**39.22**	**2.108**
Stddev	.0005	.05	.003	.005	.001	.002	.004	.09	.002
%RSD	.1815	.1307	.1589	.2362	.0459	.0969	.1700	.2278	.0829
#1	.2583	41.21	2.130	2.142	2.069	2.025	2.078	39.16	2.106
#2	.2585	41.30	2.132	2.141	2.070	2.028	2.081	39.32	2.109
#3	.2576	41.20	2.136	2.150	2.068	2.024	2.085	39.17	2.109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.071**	**2.117**	**2.040**	**2.032**	**38.71**	**41.99**	**2.130**	**39.23**	**2.102**
Stddev	.007	.003	.004	.006	.04	.05	.002	.08	.004
%RSD	.3554	.1480	.1697	.3133	.1068	.1078	.0952	.1933	.1766
#1	2.073	2.118	2.043	2.035	38.71	41.95	2.129	39.20	2.104
#2	2.077	2.114	2.042	2.036	38.76	42.00	2.132	39.32	2.105
#3	2.063	2.120	2.036	2.025	38.67	42.03	2.128	39.18	2.098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.154**	**41.95**	**2.102**	**2.142**	**2.131**	**2.126**	**2.125**	**2.091**	**5.180**
Stddev	.003	.08	.004	.003	.003	.005	.002	.009	.004
%RSD	.1225	.1867	.1955	.1252	.1219	.2263	.0891	.4141	.0695
#1	2.151	41.88	2.104	2.139	2.129	2.121	2.123	2.084	5.176
#2	2.154	42.03	2.097	2.145	2.130	2.126	2.124	2.087	5.183
#3	2.156	41.94	2.105	2.142	2.134	2.130	2.126	2.101	5.181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 3:27:45 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.172**	**2.123**	**2.081**	**2.120**	**2.052**	**2.172**	**2.002**	**2.063**
Stddev	.007	.002	.005	.002	.005	.009	.003	.006
%RSD	.3359	.0700	.2363	.0860	.2688	.3941	.1628	.3063
#1	2.164	2.122	2.083	2.118	2.056	2.164	1.999	2.067
#2	2.173	2.124	2.084	2.121	2.055	2.172	2.003	2.067
#3	2.178	2.121	2.075	2.121	2.046	2.181	2.006	2.056
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7014.2**	**106280.**	**12869.**	**2907.7**
Stddev	8.8	65.	67.	5.4
%RSD	.12524	.06112	.51991	.18638
#1	7020.9	106350.	12894.	2913.9
#2	7017.3	106240.	12793.	2905.2
#3	7004.2	106240.	12920.	2904.0

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 3:32:36 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0009**	**-.0004**	**.0045**	**.0002**	**-.0001**	**.0002**	**-.0098**
Stddev	.0004	.0124	.0004	.0010	.0002	.0000	.0008	.0021
%RSD	36.84	1382.	112.2	22.88	84.37	45.61	330.9	21.52
#1	-.0009	.0133	-.0000	.0056	.0001	-.0001	-.0006	-.0074
#2	-.0016	-.0097	-.0009	.0040	.0002	-.0001	.0005	-.0115
#3	-.0009	-.0063	-.0002	.0038	.0004	-.0000	.0008	-.0104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0004**	**.0000**	**-.0002**	**-.0004**	**-.0000**	**.0029**	**.0021**
Stddev	.0002	.0013	.0004	.0001	.0001	.0014	.0165	.0028
%RSD	105.5	343.1	5259.	78.18	33.03	2733.	561.6	131.4
#1	.0000	.0007	.0005	-.0003	-.0002	-.0014	.0217	.0035
#2	-.0004	.0000	-.0001	-.0001	-.0004	-.0001	-.0093	.0040
#3	-.0002	-.0019	-.0003	-.0001	-.0005	.0013	-.0036	-.0011
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0040**	**.0000**	**.0001**	**.1340**	**.0000**	F **-.0066**	**.0026**	**-.0014**
Stddev	.0144	.0000	.0001	.0059	.0000	.0004	.0004	.0015
%RSD	358.6	182.7	79.60	4.365	68.22	5.647	13.85	104.4
#1	.0126	.0000	.0003	.1326	.0000	-.0068	.0024	-.0015
#2	-.0123	.0001	.0001	.1405	.0001	-.0062	.0030	-.0029
#3	-.0124	-.0000	.0000	.1290	.0000	-.0068	.0024	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 3:32:36 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**.0021**	**.0005**	**.0007**	**.0001**	**.0002**	**.0010**	**.0001**
Stddev	.0005	.0023	.0004	.0009	.0001	.0001	.0003	.0002
%RSD	45.86	110.0	80.29	119.1	76.84	72.59	31.68	153.2
#1	.0018	.0045	.0005	.0017	.0000	.0002	.0008	-.0000
#2	.0009	.0016	.0001	.0003	.0000	.0001	.0008	.0000
#3	.0008	.0001	.0009	.0002	.0001	.0003	.0013	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0005**	**-.0008**	**.0001**
Stddev	.0010	.0001	.0001
%RSD	184.7	8.716	178.6
#1	-.0001	-.0008	-.0001
#2	.0017	-.0007	.0001
#3	.0000	-.0008	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7247.1**	**108690.**	**12814.**	**2957.1**
Stddev	5.4	239.	19.	4.2
%RSD	.07390	.22020	.14783	.14304
#1	7249.6	108640.	12795.	2961.9
#2	7241.0	108960.	12813.	2955.2
#3	7250.8	108490.	12833.	2954.1

Zoom In Zoom Out

Sample Name: mp37430-mb1 Acquired: 1/17/2023 3:37:52 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0114**	**-.0006**	**.0023**	**.0010**	**.0002**	**-.0004**	**.1582**	**.0002**
Stddev	.0005	.0057	.0010	.0004	.0002	.0001	.0014	.0013	.0000
%RSD	68.92	50.14	153.0	18.26	18.06	38.34	334.7	.8070	22.41
#1	-.0012	.0173	-.0010	.0021	.0008	.0002	-.0020	.1591	.0002
#2	-.0005	.0058	-.0014	.0028	.0011	.0001	.0004	.1589	.0002
#3	-.0003	.0111	.0005	.0020	.0012	.0003	.0004	.1567	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**.0006**	**.0004**	**.0026**	**.0255**	**-.0239**	**.0013**	**.0278**	**.0006**
Stddev	.0004	.0003	.0000	.0004	.0018	.0107	.0011	.0257	.0000
%RSD	19.16	48.19	2.827	14.23	7.138	44.70	87.00	92.54	6.197
#1	.0024	.0003	.0004	.0030	.0235	-.0339	.0012	.0019	.0006
#2	.0024	.0009	.0004	.0022	.0262	-.0250	.0002	.0534	.0006
#3	.0017	.0005	.0004	.0026	.0269	-.0127	.0025	.0281	.0006

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**.2242**	**.0011**	**.0245**	**.0009**	**.0141**	**.0013**	**.0019**	**.0203**
Stddev	.0001	.0097	.0001	.0001	.0011	.0021	.0002	.0014	.0035
%RSD	7.715	4.346	9.203	.2971	124.8	14.76	18.50	72.51	17.29
#1	.0014	.2243	.0010	.0246	.0002	.0160	.0015	.0031	.0166
#2	.0012	.2144	.0012	.0245	.0022	.0119	.0013	.0022	.0236
#3	.0013	.2339	.0012	.0246	.0003	.0142	.0010	.0004	.0205

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0126**	**.0010**	**.0011**	**.0000**	**.0000**	**-.0003**	**.0063**	**.0004**
Stddev	.0007	.0000	.0001	.0011	.0002	.0009	.0000	.0000
%RSD	5.535	.9658	11.35	7283.	797.8	333.7	.5637	10.24
#1	.0118	.0011	.0012	-.0012	-.0002	-.0005	.0063	.0004
#2	.0129	.0010	.0011	.0005	.0002	.0007	.0064	.0004
#3	.0130	.0010	.0010	.0008	.0000	-.0011	.0063	.0003

Zoom In Zoom Out

Sample Name: mp37430-mb1 Acquired: 1/17/2023 3:37:52 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7278.8**	**109180.**	**12972.**	**2969.6**
Stddev	2.2	601.	43.	1.6
%RSD	.02972	.55014	.32932	.05360
#1	7280.8	109170.	12945.	2970.9
#2	7279.1	108590.	13021.	2970.1
#3	7276.5	109790.	12949.	2967.8

Zoom In Zoom Out

Sample Name: mp37430-b1 Acquired: 1/17/2023 3:43:06 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2334**	**24.58**	**1.910**	**1.846**	**1.857**	**1.830**	**.2808**	**23.62**	**1.884**
Stddev	.0008	.02	.002	.002	.001	.002	.0002	.02	.001
%RSD	.3290	.0802	.0827	.0834	.0329	.0906	.0805	.0979	.0382
#1	.2341	24.56	1.910	1.846	1.857	1.832	.2807	23.65	1.885
#2	.2335	24.59	1.912	1.847	1.856	1.829	.2807	23.62	1.884
#3	.2326	24.60	1.909	1.844	1.857	1.830	.2811	23.60	1.883

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024**	**1.900**	**1.831**	**1.826**	**23.24**	**25.04**	**.0007**	**23.53**	**1.894**
Stddev	.0035	.002	.002	.004	.03	.04	.0013	.04	.000
%RSD	143.8	.0791	.1143	.2376	.1448	.1491	189.1	.1775	.0114
#1	-.0005	1.898	1.829	1.830	23.26	25.06	.0020	23.58	1.893
#2	.0014	1.901	1.833	1.827	23.26	25.06	.0006	23.53	1.894
#3	.0063	1.899	1.831	1.822	23.20	25.00	-.0006	23.49	1.894

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.888**	**25.24**	**1.887**	**1.917**	**1.910**	**2.008**	**1.861**	**1.838**	**.1064**
Stddev	.001	.02	.000	.004	.003	.003	.003	.005	.0008
%RSD	.0706	.0718	.0228	.2241	.1457	.1286	.1569	.2707	.7842
#1	1.887	25.25	1.887	1.918	1.913	2.008	1.863	1.833	.1056
#2	1.890	25.22	1.886	1.921	1.907	2.010	1.861	1.843	.1073
#3	1.887	25.25	1.887	1.913	1.909	2.005	1.857	1.839	.1064

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.928**	**1.907**	**1.819**	**1.907**	**1.836**	**1.485**	**1.796**	**1.814**
Stddev	.000	.002	.002	.003	.001	.002	.003	.001
%RSD	.0129	.1185	.0959	.1353	.0527	.1118	.1368	.0499
#1	1.928	1.907	1.821	1.910	1.836	1.483	1.797	1.814
#2	1.929	1.905	1.819	1.905	1.837	1.484	1.793	1.815
#3	1.929	1.909	1.818	1.906	1.836	1.486	1.797	1.813

Zoom In Zoom Out

Sample Name: mp37430-b1 Acquired: 1/17/2023 3:43:06 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7260.8**	**109230.**	**13203.**	**2993.5**
Stddev	10.7	123.	86.	6.1
%RSD	.14769	.11238	.65425	.20532
#1	7249.0	109360.	13165.	2988.4
#2	7269.9	109120.	13141.	3000.3
#3	7263.5	109220.	13301.	2991.7

Zoom In Zoom Out

Sample Name: mp37430-s1 Acquired: 1/17/2023 3:47:56 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2374**	**106.9**	**1.903**	**1.930**	**2.171**	**1.759**	**1.018**	F **682.1**	**1.878**
Stddev	.0004	.1	.002	.002	.003	.002	.001	10.9	.002
%RSD	.1621	.1307	.1048	.0994	.1461	.1181	.1027	1.602	.1089
#1	.2369	106.7	1.905	1.931	2.167	1.757	1.018	670.9	1.877
#2	.2375	107.0	1.902	1.931	2.173	1.761	1.017	682.6	1.880
#3	.2376	107.0	1.901	1.928	2.173	1.759	1.019	692.8	1.876

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2836**	**1.884**	**1.836**	**2.463**	**171.8**	**41.72**	**.0445**	**55.23**	**3.873**
Stddev	.0005	.000	.005	.004	.3	.02	.0006	.07	.059
%RSD	.1679	.0081	.2678	.1672	.1488	.0467	1.294	.1221	1.516
#1	.2833	1.884	1.833	2.461	171.5	41.74	.0438	55.24	3.826
#2	.2835	1.884	1.834	2.460	171.9	41.72	.0447	55.16	3.854
#3	.2842	1.884	1.842	2.467	172.0	41.71	.0449	55.29	3.938

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.783**	**51.75**	**1.877**	**7.584**	**1.920**	**14.96**	**.9822**	**1.799**	**5.831**
Stddev	.002	.05	.003	.007	.003	.01	.0022	.003	.029
%RSD	.1054	.1013	.1309	.0985	.1313	.0730	.2209	.1565	.4937
#1	1.784	51.72	1.878	7.580	1.923	14.97	.9798	1.799	5.848
#2	1.784	51.73	1.878	7.593	1.920	14.96	.9828	1.795	5.848
#3	1.781	51.81	1.874	7.580	1.918	14.95	.9840	1.801	5.798

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.690**	**2.798**	**6.786**	**1.778**	**2.024**	**1.367**	**2.818**	**1.818**
Stddev	.003	.003	.013	.002	.004	.004	.006	.005
%RSD	.1533	.0993	.1854	.0970	.2197	.2610	.2267	.2974
#1	1.690	2.795	6.776	1.780	2.020	1.363	2.824	1.814
#2	1.687	2.801	6.782	1.777	2.023	1.370	2.818	1.816
#3	1.692	2.798	6.800	1.777	2.029	1.368	2.811	1.824

Zoom In Zoom Out

Sample Name: mp37430-s1 Acquired: 1/17/2023 3:47:56 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6768.8**	**106850.**	**13607.**	**2902.4**
Stddev	5.1	216.	49.	4.1
%RSD	.07606	.20217	.36090	.13994
#1	6763.2	107100.	13588.	2897.9
#2	6773.4	106690.	13662.	2903.6
#3	6769.7	106770.	13569.	2905.8

Zoom In Zoom Out

Sample Name: mp37430-s2 Acquired: 1/17/2023 3:53:03 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2352**	**108.0**	**1.978**	**1.989**	**2.255**	**1.825**	**1.039**	F **714.8**	**1.945**
Stddev	.0009	.2	.003	.001	.003	.003	.003	7.2	.001
%RSD	.3907	.1443	.1509	.0658	.1420	.1508	.2645	1.013	.0655
#1	.2362	108.2	1.975	1.990	2.259	1.828	1.042	706.4	1.945
#2	.2343	108.0	1.979	1.990	2.254	1.824	1.040	718.2	1.946
#3	.2350	108.0	1.981	1.988	2.253	1.822	1.036	719.6	1.944

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2586**	**1.941**	**1.925**	**2.503**	**182.8**	**43.22**	**.0435**	**58.29**	**4.040**
Stddev	.0047	.001	.003	.011	.3	.03	.0012	.11	.029
%RSD	1.806	.0665	.1761	.4287	.1541	.0689	2.750	.1900	.7246
#1	.2637	1.941	1.923	2.515	183.0	43.25	.0439	58.39	4.007
#2	.2546	1.940	1.929	2.493	182.4	43.19	.0444	58.17	4.061
#3	.2575	1.943	1.924	2.501	182.8	43.21	.0421	58.30	4.053

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.855**	**53.89**	**1.945**	**7.827**	**1.988**	**15.28**	**1.022**	**1.863**	**5.793**
Stddev	.002	.05	.001	.003	.005	.01	.002	.009	.065
%RSD	.1191	.0896	.0742	.0417	.2759	.0639	.1767	.4708	1.126
#1	1.855	53.94	1.946	7.828	1.984	15.29	1.021	1.855	5.731
#2	1.853	53.84	1.943	7.830	1.985	15.27	1.024	1.872	5.787
#3	1.857	53.90	1.944	7.824	1.994	15.27	1.021	1.864	5.861

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.756**	**2.891**	**6.932**	**1.839**	**2.082**	**1.365**	**2.924**	**1.859**
Stddev	.001	.005	.014	.004	.003	.002	.002	.005
%RSD	.0824	.1579	.2023	.2286	.1250	.1329	.0568	.2599
#1	1.755	2.896	6.948	1.839	2.084	1.363	2.923	1.864
#2	1.756	2.888	6.927	1.834	2.082	1.365	2.926	1.855
#3	1.758	2.889	6.921	1.843	2.079	1.367	2.922	1.858

Zoom In Zoom Out

Sample Name: mp37430-s2 Acquired: 1/17/2023 3:53:03 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6677.3**	**104310.**	**13296.**	**2848.7**
Stddev	6.6	435.	56.	2.9
%RSD	.09953	.41720	.42331	.10113
#1	6670.4	104720.	13282.	2848.2
#2	6677.8	103850.	13358.	2846.1
#3	6683.6	104370.	13248.	2851.8

Zoom In Zoom Out

Sample Name: jd58561-5 Acquired: 1/17/2023 3:58:10 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0040**	**70.82**	**.0312**	**.1235**	**.3684**	**.0033**	**.7741**	F **681.7**	**.0058**
Stddev	.0002	.17	.0013	.0010	.0005	.0001	.0013	9.2	.0003
%RSD	5.443	.2358	4.138	.7862	.1333	2.295	.1647	1.345	4.566
#1	-.0041	71.00	.0319	.1241	.3689	.0034	.7726	672.7	.0061
#2	-.0040	70.77	.0319	.1239	.3683	.0033	.7750	681.5	.0056
#3	-.0037	70.68	.0297	.1224	.3679	.0033	.7747	691.0	.0057

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2698**	**.0664**	**.1219**	**.5692**	**148.2**	**15.65**	**.0432**	**34.50**	**1.915**
Stddev	.0012	.0003	.0004	.0014	.2	.04	.0007	.05	.003
%RSD	.4430	.3961	.3623	.2390	.1224	.2654	1.599	.1525	.1372
#1	.2706	.0665	.1221	.5703	148.3	15.70	.0426	34.51	1.917
#2	.2704	.0666	.1223	.5696	148.2	15.61	.0431	34.44	1.915
#3	.2684	.0661	.1214	.5677	148.0	15.64	.0440	34.54	1.912

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0086**	**25.82**	**.0701**	**6.250**	**.1351**	**12.95**	**.0101**	**.0015**	**4.040**
Stddev	.0002	.03	.0004	.004	.0007	.01	.0025	.0015	.047
%RSD	1.992	.1221	.5724	.0590	.4988	.1151	24.87	97.13	1.161
#1	.0085	25.85	.0702	6.247	.1358	12.95	.0083	.0000	4.080
#2	.0088	25.82	.0705	6.254	.1347	12.97	.0090	.0030	4.051
#3	.0086	25.79	.0697	6.248	.1347	12.94	.0129	.0016	3.989

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0313**	**.9950**	**5.211**	**.0018**	**.2650**	**.0105**	**1.287**	**.1201**
Stddev	.0021	.0022	.009	.0037	.0003	.0007	.001	.0003
%RSD	6.692	.2169	.1747	202.0	.1170	6.607	.0882	.2310
#1	.0337	.9974	5.210	.0041	.2653	.0098	1.286	.1199
#2	.0301	.9945	5.220	.0038	.2647	.0107	1.288	.1204
#3	.0300	.9932	5.202	-.0024	.2649	.0112	1.287	.1199

Zoom In Zoom Out

Sample Name: jd58561-5 Acquired: 1/17/2023 3:58:10 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6669.4**	**105520.**	**13190.**	**2866.5**
Stddev	4.6	292.	29.	5.5
%RSD	.06891	.27685	.22054	.19108
#1	6672.1	105200.	13213.	2870.9
#2	6664.1	105600.	13200.	2860.3
#3	6671.9	105770.	13158.	2868.2

Zoom In Zoom Out

Sample Name: mp37430-sd1 Acquired: 1/17/2023 4:03:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0090**	**72.74**	**.0272**	**.1418**	**.3878**	**.0036**	**.7964**	**747.4**	**.0061**
Stddev	.0012	.03	.0028	.0022	.0010	.0005	.0063	1.3	.0006
%RSD	13.55	.0408	10.24	1.534	.2524	12.48	.7922	.1733	10.10
#1	-.0104	72.71	.0263	.1416	.3889	.0040	.8027	746.2	.0065
#2	-.0080	72.75	.0250	.1441	.3872	.0031	.7901	748.8	.0054
#3	-.0087	72.77	.0303	.1398	.3872	.0037	.7963	747.1	.0065

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3144**	**.0653**	**.1287**	**.5737**	**159.5**	**15.82**	**.0547**	**37.34**	**2.052**
Stddev	.0172	.0025	.0007	.0026	.2	.11	.0038	.13	.002
%RSD	5.478	3.866	.5588	.4589	.1146	.7139	7.030	.3561	.0886
#1	.3314	.0629	.1292	.5712	159.4	15.70	.0590	37.19	2.054
#2	.2970	.0652	.1279	.5764	159.7	15.84	.0536	37.46	2.050
#3	.3147	.0680	.1291	.5734	159.4	15.92	.0516	37.36	2.053

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0085**	**26.77**	**.0699**	**6.467**	**.1425**	**13.16**	**.0151**	**.0035**	**4.030**
Stddev	.0003	.05	.0010	.009	.0039	.04	.0070	.0061	.140
%RSD	2.945	.1888	1.438	.1401	2.755	.3231	46.41	173.6	3.474
#1	.0088	26.72	.0706	6.472	.1387	13.11	.0147	-.0022	4.192
#2	.0084	26.78	.0705	6.473	.1422	13.17	.0084	.0028	3.945
#3	.0083	26.82	.0688	6.457	.1466	13.19	.0224	.0099	3.954

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0188**	**1.047**	**5.378**	**-.0075**	**.2799**	**.0171**	**1.407**	**.1247**
Stddev	.0061	.002	.006	.0029	.0008	.0089	.001	.0005
%RSD	32.33	.1943	.1184	39.41	.2822	52.20	.0488	.4113
#1	.0232	1.045	5.373	-.0041	.2799	.0253	1.408	.1250
#2	.0213	1.049	5.375	-.0091	.2791	.0076	1.407	.1241
#3	.0119	1.048	5.385	-.0092	.2807	.0184	1.408	.1250

Zoom In Zoom Out

Sample Name: mp37430-sd1 Acquired: 1/17/2023 4:03:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7039.9**	**107340.**	**12949.**	**2933.2**
Stddev	5.8	218.	76.	1.3
%RSD	.08240	.20286	.58679	.04600
#1	7043.6	107460.	13001.	2934.1
#2	7043.0	107470.	12862.	2933.7
#3	7033.3	107090.	12983.	2931.6

Zoom In Zoom Out

Sample Name: jd58521-9a Acquired: 1/17/2023 4:08:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**66.94**	**.0873**	**.3022**	**.5172**	**.0058**	**1.027**	**36.40**	**.0181**
Stddev	.0001	.05	.0016	.0004	.0009	.0000	.001	.04	.0003
%RSD	53.08	.0759	1.815	.1198	.1715	.7110	.0795	.1078	1.819
#1	-.0001	66.97	.0856	.3025	.5179	.0058	1.026	36.41	.0178
#2	-.0003	66.88	.0876	.3024	.5174	.0059	1.027	36.36	.0184
#3	-.0001	66.96	.0887	.3018	.5162	.0058	1.027	36.43	.0180

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1999**	**.0776**	**.2264**	**.7780**	**169.6**	**4.462**	**.0919**	**26.87**	**1.556**
Stddev	.0024	.0002	.0001	.0020	.2	.047	.0016	.06	.003
%RSD	1.205	.2963	.0548	.2607	.0891	1.046	1.692	.2348	.1637
#1	.2019	.0778	.2263	.7759	169.6	4.414	.0922	26.94	1.553
#2	.1972	.0777	.2264	.7782	169.4	4.507	.0903	26.85	1.558
#3	.2007	.0773	.2265	.7800	169.7	4.466	.0933	26.82	1.557

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0170**	**5.868**	**.2149**	**1.980**	**.6989**	**6.103**	**.0224**	**.0023**	**5.823**
Stddev	.0003	.003	.0009	.003	.0028	.007	.0013	.0026	.006
%RSD	1.494	.0532	.4347	.1636	.3951	.1178	5.883	114.1	.1102
#1	.0171	5.872	.2152	1.981	.7021	6.102	.0219	.0018	5.816
#2	.0167	5.867	.2139	1.976	.6972	6.096	.0213	-.0001	5.824
#3	.0171	5.866	.2157	1.982	.6973	6.111	.0239	.0051	5.829

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1930**	**.2646**	**6.979**	**.0009**	**.3240**	**.0082**	**1.077**	**.0678**
Stddev	.0008	.0003	.008	.0011	.0002	.0006	.003	.0004
%RSD	.4077	.0981	.1186	115.1	.0583	7.451	.2640	.6584
#1	.1931	.2648	6.970	.0022	.3238	.0075	1.079	.0679
#2	.1922	.2647	6.979	.0003	.3240	.0088	1.074	.0682
#3	.1938	.2643	6.987	.0003	.3241	.0082	1.077	.0673

Zoom In Zoom Out

Sample Name: jd58521-9a Acquired: 1/17/2023 4:08:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7213.6**	**110360.**	**13313.**	**3001.0**
Stddev	16.0	209.	61.	6.3
%RSD	.22128	.18902	.45480	.20888
#1	7196.7	110580.	13340.	2994.0
#2	7228.4	110160.	13355.	3006.2
#3	7215.8	110330.	13244.	3002.8

Zoom In Zoom Out

Sample Name: jd58561-7 Acquired: 1/17/2023 4:13:25 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0032**	**67.60**	**.0310**	**.2395**	**.4705**	**.0038**	**.5726**	F **497.1**	**.0011**
Stddev	.0003	1.04	.0002	.0011	.0073	.0001	.0098	2.3	.0004
%RSD	8.217	1.544	.6888	.4409	1.555	3.570	1.706	.4583	38.67
#1	-.0033	68.80	.0311	.2392	.4788	.0039	.5798	498.5	.0006
#2	-.0029	67.03	.0307	.2387	.4672	.0036	.5767	498.4	.0013
#3	-.0034	66.96	.0310	.2407	.4653	.0038	.5615	494.5	.0013

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2323**	**.1118**	**.0911**	**.3114**	**78.30**	**19.81**	**.0901**	**44.57**	**1.963**
Stddev	.0032	.0007	.0001	.0010	1.22	.34	.0015	.70	.004
%RSD	1.373	.5849	.1297	.3352	1.558	1.704	1.660	1.573	.1957
#1	.2314	.1115	.0910	.3106	79.70	20.20	.0917	45.37	1.960
#2	.2297	.1113	.0911	.3110	77.71	19.59	.0888	44.27	1.960
#3	.2359	.1126	.0912	.3126	77.48	19.64	.0899	44.07	1.967

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0161**	**9.442**	**.0835**	**3.813**	**.0992**	**60.24**	**.0104**	**-.0015**	**2.550**
Stddev	.0003	.146	.0007	.015	.0016	.17	.0014	.0032	.035
%RSD	1.832	1.549	.7951	.4034	1.572	.2825	12.97	217.5	1.355
#1	.0162	9.610	.0828	3.812	.0980	60.17	.0111	-.0005	2.577
#2	.0164	9.372	.0839	3.799	.0988	60.12	.0089	.0011	2.561
#3	.0158	9.343	.0839	3.829	.1010	60.43	.0113	-.0050	2.511

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0459**	**2.773**	**3.861**	**.0006**	**.0780**	**.0296**	**.7717**	**.2920**
Stddev	.0004	.043	.051	.0017	.0002	.0015	.0019	.0009
%RSD	.8597	1.554	1.318	297.6	.1971	4.956	.2410	.2971
#1	.0455	2.823	3.901	.0017	.0779	.0280	.7722	.2913
#2	.0458	2.749	3.879	-.0014	.0779	.0298	.7697	.2918
#3	.0463	2.748	3.804	.0014	.0782	.0309	.7733	.2930

Zoom In Zoom Out

Sample Name: jd58561-7 Acquired: 1/17/2023 4:13:25 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6668.1**	**106470.**	**13231.**	**2910.4**
Stddev	25.1	109.	198.	10.3
%RSD	.37571	.10202	1.4972	.35309
#1	6682.4	106370.	13021.	2913.1
#2	6682.7	106580.	13256.	2919.0
#3	6639.1	106440.	13415.	2899.0

Zoom In Zoom Out

Sample Name: jd58561-8 Acquired: 1/17/2023 4:18:35 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0041**	**78.89**	**.0262**	**.1294**	**.4474**	**.0036**	**.6655**	F **736.7**	**.0096**
Stddev	.0009	.10	.0019	.0001	.0013	.0001	.0019	4.4	.0002
%RSD	22.39	.1301	7.197	.1002	.2924	2.741	.2820	.5910	2.413
#1	-.0034	78.91	.0256	.1294	.4485	.0036	.6636	732.1	.0098
#2	-.0051	78.78	.0248	.1293	.4460	.0035	.6657	740.7	.0094
#3	-.0037	78.98	.0284	.1295	.4478	.0037	.6673	737.2	.0096

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2096**	**.0727**	**.1241**	**.4179**	**126.4**	**21.54**	**.0487**	**36.69**	**1.698**
Stddev	.0035	.0003	.0008	.0014	.2	.06	.0022	.03	.005
%RSD	1.661	.3464	.6147	.3281	.1283	.2956	4.580	.0744	.2899
#1	.2056	.0729	.1232	.4165	126.5	21.62	.0512	36.70	1.693
#2	.2108	.0727	.1245	.4192	126.3	21.50	.0480	36.67	1.700
#3	.2123	.0724	.1245	.4182	126.6	21.52	.0470	36.72	1.702

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059**	**34.03**	**.0876**	**3.166**	**.1083**	**16.34**	**.0084**	**.0017**	**2.202**
Stddev	.0005	.02	.0012	.005	.0023	.02	.0010	.0049	.010
%RSD	8.191	.0658	1.338	.1571	2.082	.1393	11.68	283.1	.4630
#1	.0054	34.04	.0869	3.163	.1105	16.36	.0096	.0073	2.211
#2	.0063	34.01	.0890	3.171	.1084	16.35	.0077	-.0006	2.202
#3	.0059	34.05	.0870	3.163	.1060	16.31	.0081	-.0015	2.191

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0277**	**2.400**	**4.472**	**-.0019**	**.1821**	**.0536**	**1.528**	**.1383**
Stddev	.0012	.004	.010	.0017	.0005	.0004	.004	.0003
%RSD	4.455	.1849	.2171	85.34	.2624	.6578	.2301	.1932
#1	.0290	2.400	4.461	-.0002	.1816	.0538	1.528	.1380
#2	.0265	2.396	4.478	-.0022	.1823	.0537	1.524	.1385
#3	.0277	2.405	4.478	-.0035	.1825	.0532	1.531	.1383

Zoom In Zoom Out

Sample Name: jd58561-8 Acquired: 1/17/2023 4:18:35 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6586.8**	**103360.**	**12986.**	**2824.6**
Stddev	7.9	611.	26.	4.1
%RSD	.12047	.59065	.19657	.14626
#1	6583.7	103990.	12974.	2820.2
#2	6595.8	103330.	13015.	2828.4
#3	6580.8	102770.	12969.	2825.0

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 4:23:45 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2597**	**40.91**	**2.123**	**2.116**	**2.059**	**2.012**	**2.056**	**38.77**	**2.080**
Stddev	.0004	.04	.010	.007	.004	.002	.007	.09	.009
%RSD	.1563	.0914	.4804	.3198	.1745	.1204	.3467	.2321	.4090
#1	.2596	40.90	2.134	2.124	2.063	2.013	2.064	38.83	2.089
#2	.2593	40.87	2.120	2.114	2.056	2.009	2.052	38.67	2.078
#3	.2601	40.95	2.115	2.111	2.058	2.013	2.052	38.81	2.073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.054**	**2.085**	**2.022**	**2.015**	**38.37**	**41.60**	**2.114**	**38.87**	**2.086**
Stddev	.001	.008	.004	.003	.09	.09	.002	.10	.003
%RSD	.0557	.4037	.2050	.1400	.2282	.2159	.0920	.2453	.1602
#1	2.055	2.095	2.024	2.018	38.43	41.68	2.116	38.89	2.088
#2	2.054	2.083	2.025	2.014	38.27	41.50	2.112	38.77	2.088
#3	2.053	2.079	2.017	2.013	38.40	41.61	2.115	38.95	2.082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.149**	**41.76**	**2.069**	**2.111**	**2.098**	**2.108**	**2.113**	**2.053**	**5.045**
Stddev	.009	.08	.009	.006	.009	.010	.006	.008	.019
%RSD	.3965	.1928	.4361	.2967	.4423	.4819	.2979	.4096	.3854
#1	2.159	41.79	2.079	2.117	2.108	2.119	2.118	2.062	5.067
#2	2.144	41.67	2.062	2.111	2.094	2.107	2.115	2.052	5.042
#3	2.144	41.83	2.066	2.104	2.091	2.099	2.106	2.045	5.028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 4:23:45 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.167**	**2.115**	**2.083**	**2.088**	**2.033**	**2.166**	**1.961**	**2.060**
Stddev	.006	.003	.003	.009	.003	.016	.009	.003
%RSD	.2973	.1517	.1432	.4328	.1473	.7262	.4359	.1504
#1	2.173	2.119	2.086	2.099	2.035	2.184	1.970	2.063
#2	2.168	2.112	2.083	2.083	2.034	2.158	1.961	2.059
#3	2.160	2.115	2.080	2.083	2.030	2.156	1.953	2.057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7010.8**	**105290.**	**12724.**	**2905.6**
Stddev	18.3	424.	99.	7.3
%RSD	.26103	.40229	.77508	.25045
#1	6992.2	105470.	12699.	2897.6
#2	7011.5	104810.	12832.	2907.4
#3	7028.7	105600.	12640.	2911.8

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 4:28:36 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**-.0199**	**-.0002**	**.0038**	**.0002**	**-.0000**	**-.0016**	**.0061**
Stddev	.0006	.0088	.0016	.0004	.0001	.0000	.0019	.0008
%RSD	53.03	44.39	837.0	9.704	72.64	73.56	123.9	14.04
#1	-.0006	-.0146	.0015	.0037	.0001	-.0001	-.0034	.0070
#2	-.0010	-.0301	-.0006	.0042	.0003	-.0000	.0005	.0054
#3	-.0018	-.0150	-.0015	.0035	.0001	-.0000	-.0018	.0058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0003**	**.0002**	**-.0002**	**-.0009**	**.0018**	**-.0704**	**.0030**
Stddev	.0001	.0029	.0000	.0002	.0001	.0016	.0219	.0020
%RSD	107.1	1150.	19.37	117.6	8.610	93.74	31.09	67.52
#1	-.0000	.0020	.0002	-.0003	-.0009	.0027	-.0714	.0017
#2	.0001	.0019	.0002	-.0003	-.0009	.0027	-.0918	.0053
#3	.0003	-.0031	.0002	.0001	-.0010	-.0001	-.0480	.0020
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0162**	**.0000**	**.0004**	**.1042**	**-.0001**	F **-.0085**	**.0007**	**-.0001**
Stddev	.0034	.0000	.0002	.0036	.0009	.0008	.0011	.0007
%RSD	21.27	88.27	60.39	3.458	1650.	9.621	161.3	1228.
#1	-.0164	.0000	.0006	.1084	-.0007	-.0080	.0011	.0008
#2	-.0195	.0000	.0004	.1022	.0010	-.0081	-.0006	-.0003
#3	-.0126	.0000	.0001	.1021	-.0004	-.0094	.0016	-.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 4:28:36 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.0002**	**.0061**	**.0002**	**.0001**	**.0002**	**-.0002**	**-.0002**
Stddev	.0006	.0007	.0009	.0007	.0002	.0001	.0003	.0003
%RSD	63.80	340.9	14.76	414.6	319.8	34.90	117.3	145.7
#1	.0010	-.0003	.0068	.0005	.0002	.0001	-.0002	.0001
#2	.0017	-.0001	.0051	-.0006	-.0001	.0003	.0000	-.0002
#3	.0004	.0010	.0063	.0007	.0001	.0003	-.0005	-.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0016**	**.0004**	**.0003**
Stddev	.0010	.0001	.0002
%RSD	63.16	14.59	67.95
#1	.0014	.0004	.0005
#2	.0007	.0004	.0004
#3	.0027	.0004	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7292.3**	**108840.**	**12617.**	**2975.8**
Stddev	18.7	103.	45.	10.7
%RSD	.25580	.09448	.35593	.35832
#1	7274.5	108780.	12596.	2965.2
#2	7290.6	108960.	12586.	2975.6
#3	7311.7	108780.	12668.	2986.6

Zoom In Zoom Out

Sample Name: jd58561-9 Acquired: 1/17/2023 4:33:51 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0036**	**70.44**	**.0277**	**.1084**	**.3654**	**.0038**	**1.036**	F **599.8**	**.0021**
Stddev	.0002	.15	.0012	.0009	.0004	.0000	.001	1.0	.0002
%RSD	6.532	.2129	4.464	.8381	.1212	.3592	.0694	.1638	9.905
#1	-.0033	70.48	.0271	.1087	.3656	.0038	1.036	599.9	.0019
#2	-.0036	70.57	.0291	.1091	.3657	.0038	1.035	600.8	.0022
#3	-.0038	70.28	.0269	.1074	.3649	.0038	1.036	598.8	.0023

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2668**	**.0731**	**.0892**	**.6317**	**160.6**	**14.39**	**.0368**	**29.53**	**2.101**
Stddev	.0010	.0005	.0002	.0011	.4	.07	.0004	.11	.001
%RSD	.3758	.6853	.2176	.1779	.2207	.5067	1.066	.3850	.0281
#1	.2660	.0733	.0892	.6330	160.4	14.46	.0366	29.48	2.102
#2	.2679	.0734	.0894	.6313	161.0	14.38	.0366	29.66	2.101
#3	.2666	.0725	.0890	.6309	160.3	14.32	.0373	29.46	2.101

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0067**	**21.77**	**.0789**	**3.993**	**.0641**	**12.60**	**.0145**	**-.0018**	**2.901**
Stddev	.0005	.03	.0006	.032	.0023	.07	.0014	.0025	.033
%RSD	6.795	.1194	.7652	.7965	3.648	.5503	9.917	136.9	1.140
#1	.0062	21.77	.0784	4.024	.0614	12.67	.0161	-.0011	2.927
#2	.0068	21.79	.0796	3.995	.0657	12.59	.0139	-.0046	2.911
#3	.0071	21.74	.0787	3.961	.0651	12.53	.0134	.0002	2.864

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0280**	**.8250**	**6.993**	**-.0014**	**.3468**	**.0137**	**.7096**	**.1876**
Stddev	.0003	.0009	.004	.0029	.0001	.0014	.0046	.0006
%RSD	1.177	.1141	.0596	212.1	.0207	10.06	.6441	.3008
#1	.0281	.8257	6.993	.0020	.3469	.0144	.7122	.1881
#2	.0276	.8254	6.988	-.0035	.3468	.0145	.7123	.1870
#3	.0283	.8239	6.997	-.0026	.3467	.0121	.7043	.1877

Zoom In Zoom Out

Sample Name: jd58561-9 Acquired: 1/17/2023 4:33:51 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6713.4**	**105500.**	**13016.**	**2874.3**
Stddev	20.3	196.	41.	10.1
%RSD	.30225	.18611	.31779	.34996
#1	6711.1	105720.	13028.	2872.3
#2	6694.3	105330.	12970.	2865.3
#3	6734.7	105460.	13050.	2885.2

Zoom In Zoom Out

Sample Name: jd58561-10 Acquired: 1/17/2023 4:39:01 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0047**	**61.07**	**.0332**	**.1604**	**.4659**	**.0035**	**.6236**	F **778.6**	**.0064**
Stddev	.0002	.23	.0014	.0008	.0012	.0000	.0004	7.8	.0001
%RSD	3.551	.3715	4.106	.5284	.2605	1.070	.0716	.9976	1.148
#1	-.0047	61.04	.0323	.1602	.4667	.0035	.6241	770.2	.0063
#2	-.0049	61.30	.0348	.1614	.4664	.0034	.6233	780.1	.0064
#3	-.0045	60.85	.0325	.1597	.4645	.0035	.6234	785.5	.0065

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2044**	**.0683**	**.1564**	**.3572**	**125.6**	**24.43**	**.0495**	**35.86**	**2.339**
Stddev	.0021	.0005	.0008	.0001	.4	.10	.0014	.13	.004
%RSD	1.023	.7639	.5250	.0317	.3307	.4152	2.901	.3576	.1727
#1	.2068	.0679	.1571	.3572	125.3	24.45	.0508	35.77	2.343
#2	.2034	.0681	.1555	.3571	126.0	24.52	.0498	36.01	2.335
#3	.2031	.0689	.1566	.3573	125.4	24.32	.0480	35.81	2.340

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0075**	**43.60**	**.0824**	**4.500**	**.1940**	**9.766**	**.0103**	**-.0023**	**5.283**
Stddev	.0002	.09	.0005	.008	.0009	.012	.0011	.0024	.015
%RSD	2.868	.2026	.5683	.1721	.4475	.1181	10.81	106.5	.2882
#1	.0074	43.56	.0819	4.500	.1950	9.774	.0115	-.0013	5.301
#2	.0077	43.70	.0828	4.492	.1934	9.752	.0093	-.0005	5.272
#3	.0073	43.54	.0824	4.508	.1936	9.771	.0102	-.0050	5.278

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0369**	**1.241**	**4.173**	**-.0001**	**.1907**	**.0352**	**.6290**	**.1335**
Stddev	.0007	.003	.006	.0027	.0007	.0022	.0017	.0001
%RSD	1.950	.2484	.1564	2093.	.3647	6.176	.2760	.0893
#1	.0377	1.241	4.179	.0007	.1914	.0344	.6270	.1336
#2	.0367	1.243	4.166	-.0032	.1905	.0335	.6299	.1336
#3	.0363	1.237	4.174	.0021	.1901	.0376	.6301	.1334

Zoom In Zoom Out

Sample Name: jd58561-10 Acquired: 1/17/2023 4:39:01 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6660.9**	**105310.**	**13122.**	**2862.1**
Stddev	9.6	286.	66.	4.1
%RSD	.14467	.27135	.49963	.14398
#1	6670.9	105140.	13187.	2866.8
#2	6660.1	105640.	13056.	2859.7
#3	6651.7	105160.	13125.	2859.7

Zoom In Zoom Out

Sample Name: jd58561-11 Acquired: 1/17/2023 4:44:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0039**	**96.75**	**.0285**	**.1426**	**.4858**	**.0036**	**.7461**	F **718.4**	**.0026**
Stddev	.0007	.16	.0011	.0035	.0002	.0001	.0112	11.4	.0006
%RSD	18.13	.1679	3.858	2.480	.0467	3.072	1.495	1.591	21.93
#1	-.0044	96.77	.0288	.1462	.4859	.0036	.7556	709.5	.0019
#2	-.0041	96.58	.0272	.1391	.4856	.0037	.7489	714.4	.0030
#3	-.0031	96.90	.0294	.1426	.4860	.0035	.7338	731.3	.0027

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2313**	**.0858**	**.1907**	**.4395**	**174.1**	**20.60**	**.0492**	**42.26**	**1.919**
Stddev	.0050	.0004	.0032	.0079	.3	.06	.0014	.08	.029
%RSD	2.153	.4594	1.683	1.795	.1496	.3075	2.835	.1881	1.510
#1	.2339	.0856	.1927	.4458	174.0	20.63	.0508	42.30	1.942
#2	.2344	.0855	.1923	.4421	173.9	20.53	.0486	42.17	1.928
#3	.2255	.0862	.1870	.4306	174.4	20.64	.0482	42.31	1.886

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0058**	**25.64**	**.0993**	**2.833**	**.0424**	**14.30**	**.0630**	**-.0005**	**2.023**
Stddev	.0002	.02	.0011	.005	.0037	.02	.0016	.0019	.006
%RSD	3.452	.0775	1.084	.1631	8.781	.1524	2.580	378.0	.3206
#1	.0060	25.64	.1005	2.834	.0384	14.32	.0614	-.0012	2.029
#2	.0056	25.62	.0984	2.837	.0458	14.30	.0630	-.0019	2.023
#3	.0057	25.66	.0990	2.828	.0429	14.27	.0647	.0016	2.016

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0268**	**1.087**	**5.031**	**-.0002**	**.3094**	**.0482**	**.7726**	**.1357**
Stddev	.0017	.001	.080	.0015	.0049	.0005	.0036	.0020
%RSD	6.159	.0954	1.595	673.0	1.570	1.137	.4702	1.493
#1	.0283	1.088	5.094	-.0017	.3133	.0480	.7742	.1373
#2	.0250	1.086	5.058	-.0001	.3109	.0478	.7752	.1363
#3	.0271	1.087	4.940	.0012	.3040	.0489	.7685	.1334

Zoom In Zoom Out

Sample Name: jd58561-11 Acquired: 1/17/2023 4:44:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6714.2**	**106560.**	**12969.**	**2864.0**
Stddev	13.6	999.	74.	9.3
%RSD	.20229	.93720	.57228	.32334
#1	6707.5	105840.	12947.	2858.9
#2	6705.3	106150.	13052.	2858.4
#3	6729.9	107700.	12908.	2874.7

Zoom In Zoom Out

Sample Name: jd58640-9 Acquired: 1/17/2023 4:49:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**125.3**	**.0594**	**.1188**	**1.070**	**.0062**	**.3494**	**108.4**	**.0053**
Stddev	.0011	.2	.0011	.0010	.001	.0000	.0067	.3	.0007
%RSD	127.2	.1638	1.795	.8377	.0923	.4397	1.904	.2690	13.46
#1	-.0019	125.5	.0584	.1199	1.071	.0062	.3516	108.7	.0061
#2	-.0009	125.1	.0605	.1179	1.069	.0062	.3547	108.1	.0048
#3	.0002	125.2	.0593	.1188	1.070	.0063	.3419	108.3	.0051

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4388**	**.0811**	**.7074**	**.4957**	**196.8**	**20.12**	**.2387**	**48.09**	**3.055**
Stddev	.0070	.0007	.0128	.0075	.4	.01	.0026	.27	.052
%RSD	1.590	.8841	1.808	1.520	.1987	.0668	1.069	.5543	1.694
#1	.4446	.0818	.7146	.5006	197.2	20.13	.2414	48.40	3.084
#2	.4408	.0811	.7150	.4994	196.5	20.11	.2382	47.94	3.086
#3	.4311	.0804	.6926	.4870	196.6	20.13	.2364	47.93	2.995

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0336**	**1.653**	**.4477**	**4.204**	**2.535**	**2.074**	**.0260**	**-.0002**	**3.702**
Stddev	.0002	.008	.0017	.013	.005	.005	.0006	.0022	.094
%RSD	.5235	.5080	.3864	.3141	.2187	.2599	2.159	977.5	2.525
#1	.0335	1.653	.4495	4.215	2.541	2.079	.0262	-.0012	3.800
#2	.0338	1.661	.4475	4.208	2.533	2.075	.0254	.0023	3.692
#3	.0335	1.645	.4461	4.190	2.531	2.069	.0264	-.0017	3.614

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0971**	**.9990**	**2.401**	**.0005**	**.2881**	**.0081**	**1.536**	**.0585**
Stddev	.0011	.0009	.040	.0010	.0051	.0010	.004	.0010
%RSD	1.129	.0916	1.664	222.6	1.774	12.67	.2815	1.755
#1	.0977	1.0000	2.420	-.0003	.2910	.0079	1.541	.0591
#2	.0958	.9981	2.428	-.0000	.2911	.0071	1.534	.0591
#3	.0977	.9990	2.355	.0017	.2822	.0092	1.533	.0573

Zoom In Zoom Out

Sample Name: jd58640-9 Acquired: 1/17/2023 4:49:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7096.0**	**110580.**	**13330.**	**2977.8**
Stddev	14.4	1718.	103.	6.3
%RSD	.20272	1.5540	.77007	.21061
#1	7080.0	109730.	13217.	2970.6
#2	7107.8	109440.	13417.	2982.1
#3	7100.4	112550.	13356.	2980.7

Zoom In Zoom Out

Sample Name: jd58640-12 Acquired: 1/17/2023 4:54:20 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**133.3**	**.0673**	**.1217**	**1.570**	**.0068**	**.4912**	**87.01**	**.0068**
Stddev	.0001	.2	.0007	.0009	.003	.0001	.0026	.11	.0001
%RSD	3.649	.1868	1.032	.7012	.1839	1.343	.5201	.1238	1.204
#1	-.0015	133.5	.0677	.1220	1.573	.0068	.4938	87.01	.0067
#2	-.0015	133.4	.0665	.1224	1.571	.0069	.4910	87.12	.0069
#3	-.0014	133.0	.0678	.1208	1.567	.0067	.4888	86.91	.0068

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4880**	**.0962**	**.2714**	**.5578**	F **201.0**	**19.91**	**.2352**	**50.56**	**3.640**
Stddev	.0030	.0006	.0003	.0008	.2	.04	.0011	.07	.009
%RSD	.6128	.6343	.1280	.1420	.1140	.1841	.4498	.1360	.2482
#1	.4912	.0969	.2718	.5585	201.0	19.92	.2364	50.64	3.635
#2	.4875	.0962	.2714	.5570	201.2	19.87	.2343	50.53	3.650
#3	.4853	.0956	.2711	.5581	200.8	19.94	.2349	50.52	3.633

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0333**	**2.075**	**.2865**	**4.276**	**2.462**	**2.863**	**.0211**	**.0018**	**3.437**
Stddev	.0002	.001	.0004	.019	.013	.012	.0004	.0015	.052
%RSD	.6985	.0518	.1373	.4499	.5227	.4005	1.717	83.52	1.501
#1	.0334	2.075	.2869	4.295	2.475	2.870	.0207	.0022	3.490
#2	.0336	2.074	.2862	4.274	2.462	2.850	.0214	.0030	3.435
#3	.0331	2.075	.2864	4.257	2.449	2.868	.0212	.0001	3.387

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1126**	**.4765**	**3.354**	**.0002**	**.3508**	**.0080**	**1.600**	**.0660**
Stddev	.0008	.0012	.004	.0034	.0003	.0005	.005	.0001
%RSD	.6798	.2546	.1330	2182.	.0738	6.235	.2885	.1735
#1	.1133	.4778	3.358	-.0035	.3510	.0083	1.603	.0659
#2	.1126	.4763	3.355	.0005	.3505	.0083	1.601	.0661
#3	.1118	.4754	3.349	.0034	.3509	.0074	1.594	.0660

Zoom In Zoom Out

Sample Name: jd58640-12 Acquired: 1/17/2023 4:54:20 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7109.3**	**108450.**	**13318.**	**2999.6**
Stddev	24.6	80.	22.	7.5
%RSD	.34672	.07401	.16509	.24993
#1	7095.2	108460.	13331.	2993.8
#2	7094.9	108520.	13293.	2997.0
#3	7137.7	108370.	13331.	3008.1

Zoom In Zoom Out

Sample Name: jd58640-14 Acquired: 1/17/2023 4:59:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0016**	**134.7**	**.0601**	**.1436**	**1.158**	**.0064**	**.4204**	**94.28**	**.0052**
Stddev	.0004	.2	.0003	.0006	.001	.0001	.0024	.19	.0005
%RSD	26.25	.1243	.4427	.4147	.1230	1.173	.5750	.2030	9.427
#1	-.0019	134.6	.0602	.1441	1.157	.0064	.4232	94.07	.0048
#2	-.0017	134.9	.0598	.1437	1.159	.0065	.4191	94.45	.0050
#3	-.0011	134.8	.0602	.1429	1.158	.0065	.4189	94.31	.0058

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5379**	**.0823**	**.2345**	**.4893**	**188.5**	**20.07**	**.2421**	**42.69**	**3.305**
Stddev	.0013	.0005	.0008	.0002	.3	.06	.0005	.05	.007
%RSD	.2428	.6482	.3327	.0510	.1416	.2832	.2243	.1276	.2215
#1	.5372	.0826	.2349	.4890	188.2	20.01	.2415	42.65	3.312
#2	.5394	.0825	.2351	.4894	188.7	20.12	.2424	42.75	3.306
#3	.5370	.0817	.2336	.4895	188.6	20.08	.2424	42.67	3.297

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0266**	**2.258**	**.2350**	**3.818**	**1.999**	**2.381**	**.0143**	**-.0002**	**4.003**
Stddev	.0001	.010	.0005	.013	.003	.010	.0021	.0019	.028
%RSD	.5488	.4500	.2227	.3417	.1246	.4243	14.63	845.7	.7083
#1	.0268	2.254	.2353	3.822	1.999	2.389	.0121	.0012	4.034
#2	.0265	2.252	.2353	3.828	2.002	2.384	.0163	.0005	3.978
#3	.0265	2.270	.2344	3.803	1.997	2.369	.0145	-.0024	3.997

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1140**	**.4282**	**2.894**	**-.0002**	**.3136**	**.0061**	**1.569**	**.0515**
Stddev	.0013	.0005	.011	.0015	.0002	.0015	.006	.0004
%RSD	1.136	.1258	.3651	639.5	.0559	25.26	.3802	.8478
#1	.1127	.4276	2.906	.0004	.3137	.0046	1.570	.0519
#2	.1140	.4286	2.888	.0008	.3134	.0077	1.574	.0516
#3	.1153	.4283	2.887	-.0019	.3137	.0060	1.563	.0510

Zoom In Zoom Out

Sample Name: jd58640-14 Acquired: 1/17/2023 4:59:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7109.1**	**109120.**	**13403.**	**3004.0**
Stddev	17.3	234.	74.	8.9
%RSD	.24325	.21473	.55106	.29519
#1	7104.5	108870.	13475.	3002.6
#2	7094.5	109160.	13328.	2996.0
#3	7128.2	109330.	13405.	3013.5

Zoom In Zoom Out

Sample Name: jd58640-18 Acquired: 1/17/2023 5:04:30 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**120.7**	**.0609**	**.1181**	**1.770**	**.0067**	**.4032**	**81.95**	**.0059**
Stddev	.0005	.3	.0010	.0008	.004	.0001	.0010	.12	.0001
%RSD	31.45	.2134	1.623	.7040	.2016	1.567	.2390	.1442	2.534
#1	-.0020	121.0	.0620	.1189	1.773	.0066	.4026	82.09	.0057
#2	-.0011	120.7	.0606	.1181	1.770	.0068	.4028	81.87	.0059
#3	-.0014	120.5	.0600	.1173	1.766	.0067	.4044	81.89	.0060

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4406**	**.0846**	**.3046**	**.6347**	**197.4**	**18.02**	**.2365**	**42.03**	**3.575**
Stddev	.0020	.0002	.0009	.0020	.3	.05	.0012	.08	.013
%RSD	.4428	.2933	.3066	.3228	.1711	.2562	.5002	.1913	.3557
#1	.4421	.0848	.3036	.6333	197.8	18.06	.2359	42.12	3.561
#2	.4412	.0843	.3051	.6337	197.3	18.02	.2379	41.98	3.585
#3	.4384	.0847	.3052	.6370	197.2	17.97	.2357	41.99	3.580

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0407**	**1.927**	**.2698**	**4.009**	**2.014**	**2.167**	**.0202**	**.0016**	**3.207**
Stddev	.0003	.007	.0011	.017	.003	.005	.0030	.0040	.017
%RSD	.7952	.3425	.4070	.4173	.1448	.2493	14.75	246.3	.5186
#1	.0407	1.922	.2704	4.012	2.017	2.173	.0200	-.0030	3.200
#2	.0410	1.925	.2706	4.025	2.014	2.165	.0174	.0041	3.226
#3	.0404	1.935	.2686	3.991	2.011	2.162	.0233	.0038	3.195

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1877**	**.4577**	**2.774**	**-.0012**	**.2808**	**.0093**	**1.905**	**.0601**
Stddev	.0020	.0011	.006	.0032	.0003	.0020	.006	.0002
%RSD	1.062	.2492	.2093	257.4	.0912	20.96	.3399	.3984
#1	.1894	.4583	2.768	.0003	.2806	.0082	1.912	.0600
#2	.1881	.4584	2.775	-.0049	.2811	.0116	1.905	.0604
#3	.1855	.4564	2.779	.0009	.2808	.0083	1.899	.0599

Zoom In Zoom Out

Sample Name: jd58640-18 Acquired: 1/17/2023 5:04:30 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7122.7**	**108400.**	**13282.**	**2989.0**
Stddev	10.4	306.	29.	2.1
%RSD	.14656	.28225	.21812	.07180
#1	7110.6	108630.	13298.	2986.7
#2	7129.1	108520.	13299.	2990.9
#3	7128.2	108060.	13248.	2989.3

Zoom In Zoom Out

Sample Name: jd58640-27 Acquired: 1/17/2023 5:09:33 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0025**	**112.7**	**.0403**	**.1382**	**2.355**	**.0062**	**.4564**	**83.92**	**.0020**
Stddev	.0001	.1	.0019	.0007	.001	.0000	.0010	.07	.0001
%RSD	5.292	.1298	4.740	.5388	.0492	.7710	.2199	.0797	5.933
#1	-.0026	112.8	.0424	.1390	2.354	.0061	.4574	83.98	.0019
#2	-.0025	112.6	.0388	.1377	2.357	.0062	.4554	83.85	.0021
#3	-.0023	112.5	.0397	.1378	2.356	.0062	.4564	83.94	.0019

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5058**	**.0799**	**.1840**	**.3734**	**171.8**	**20.68**	**.2253**	**53.52**	**4.666**
Stddev	.0036	.0005	.0004	.0002	.1	.08	.0016	.10	.021
%RSD	.7081	.6333	.2443	.0598	.0569	.3827	.7256	.1891	.4557
#1	.5062	.0800	.1836	.3736	171.9	20.78	.2238	53.64	4.649
#2	.5091	.0804	.1844	.3735	171.7	20.63	.2252	53.47	4.660
#3	.5020	.0794	.1841	.3731	171.8	20.65	.2270	53.45	4.690

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0067**	**3.564**	**.1790**	**3.552**	**.1843**	**2.339**	**.0100**	**-.0031**	**3.055**
Stddev	.0001	.009	.0007	.009	.0015	.005	.0011	.0016	.016
%RSD	2.145	.2663	.3914	.2532	.8222	.2126	10.58	51.75	.5060
#1	.0069	3.563	.1785	3.562	.1860	2.345	.0100	-.0018	3.038
#2	.0067	3.574	.1798	3.548	.1838	2.337	.0089	-.0049	3.069
#3	.0066	3.555	.1787	3.546	.1831	2.336	.0110	-.0025	3.057

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0414**	**.3634**	**3.139**	**-.0005**	**.2660**	**.0040**	**.5169**	**.0970**
Stddev	.0005	.0005	.001	.0037	.0006	.0013	.0016	.0005
%RSD	1.318	.1416	.0396	766.1	.2129	31.67	.3093	.4862
#1	.0420	.3629	3.140	-.0015	.2659	.0046	.5187	.0973
#2	.0414	.3639	3.138	-.0036	.2667	.0026	.5158	.0965
#3	.0409	.3634	3.138	.0036	.2656	.0049	.5162	.0974

Zoom In Zoom Out

Sample Name: jd58640-27 Acquired: 1/17/2023 5:09:33 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7074.7**	**110110.**	**13361.**	**3008.2**
Stddev	13.3	195.	46.	5.2
%RSD	.18781	.17726	.34129	.17196
#1	7061.5	110210.	13327.	3002.3
#2	7074.5	110250.	13413.	3011.9
#3	7088.1	109890.	13343.	3010.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 5:14:43 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2548**	**40.22**	**2.113**	**2.102**	**2.018**	**1.966**	**2.036**	**38.00**	**2.068**
Stddev	.0009	.02	.008	.006	.001	.002	.004	.03	.004
%RSD	.3670	.0534	.3729	.2648	.0386	.0870	.2176	.0703	.1713
#1	.2556	40.20	2.117	2.106	2.019	1.968	2.035	38.02	2.067
#2	.2549	40.24	2.118	2.105	2.018	1.966	2.041	38.00	2.072
#3	.2538	40.22	2.104	2.096	2.018	1.965	2.033	37.97	2.065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.025**	**2.074**	**1.987**	**1.985**	**37.57**	**40.85**	**2.079**	**38.02**	**2.049**
Stddev	.004	.003	.002	.004	.03	.05	.003	.11	.004
%RSD	.2090	.1327	.1225	.1947	.0859	.1261	.1513	.2927	.1812
#1	2.026	2.074	1.989	1.989	37.54	40.90	2.078	38.14	2.053
#2	2.020	2.077	1.985	1.983	37.56	40.86	2.076	38.00	2.047
#3	2.028	2.071	1.985	1.981	37.60	40.80	2.082	37.92	2.047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.133**	**41.01**	**2.057**	**2.093**	**2.088**	**2.091**	**2.100**	**2.041**	**5.021**
Stddev	.006	.06	.004	.007	.004	.008	.003	.002	.012
%RSD	.2968	.1492	.1834	.3593	.1684	.3870	.1217	.1092	.2464
#1	2.132	41.00	2.055	2.092	2.088	2.091	2.102	2.042	5.020
#2	2.140	41.07	2.061	2.101	2.092	2.099	2.102	2.042	5.034
#3	2.128	40.95	2.055	2.086	2.085	2.083	2.098	2.038	5.009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 5:14:43 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.153**	**2.070**	**2.045**	**2.072**	**2.002**	**2.152**	**1.950**	**2.034**
Stddev	.002	.000	.002	.004	.003	.000	.002	.002
%RSD	.0881	.0185	.1169	.1877	.1391	.0069	.0793	.0856
#1	2.153	2.071	2.048	2.073	2.005	2.152	1.950	2.036
#2	2.155	2.070	2.045	2.075	1.999	2.152	1.952	2.033
#3	2.151	2.070	2.043	2.068	2.001	2.152	1.949	2.033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7068.2**	**107730.**	**12840.**	**2928.6**
Stddev	9.9	171.	42.	4.1
%RSD	.13951	.15908	.32654	.14050
#1	7076.2	107550.	12842.	2932.5
#2	7057.2	107890.	12797.	2924.3
#3	7071.4	107760.	12881.	2929.2

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 5:19:34 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**-.0064**	**-.0001**	**.0019**	**.0001**	**.0001**	**-.0013**	**.0060**
Stddev	.0001	.0081	.0014	.0002	.0001	.0001	.0011	.0041
%RSD	6.959	125.5	1052.	12.65	76.67	121.9	84.14	68.36
#1	-.0014	.0017	.0012	.0017	.0000	.0001	-.0000	.0041
#2	-.0013	-.0065	-.0017	.0019	.0002	-.0000	-.0020	.0108
#3	-.0012	-.0145	.0001	.0022	.0001	.0001	-.0017	.0032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0001**	**-.0000**	**-.0004**	**-.0005**	**-.0001**	**-.0520**	**.0029**
Stddev	.0001	.0013	.0004	.0001	.0001	.0004	.0468	.0022
%RSD	131.7	1427.	1026.	20.04	24.11	703.8	89.97	76.93
#1	-.0000	-.0003	-.0001	-.0005	-.0006	.0004	-.0408	.0027
#2	.0003	.0013	.0004	-.0004	-.0004	-.0004	-.1033	.0007
#3	.0001	-.0014	-.0004	-.0005	-.0006	-.0002	-.0118	.0051
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0043**	**.0000**	**.0004**	**.0996**	**.0003**	F **-.0075**	**.0005**	**.0004**
Stddev	.0142	.0000	.0002	.0078	.0002	.0014	.0009	.0025
%RSD	331.3	201.5	47.69	7.794	54.98	19.04	197.3	560.5
#1	-.0164	-.0000	.0005	.1072	.0004	-.0087	.0014	-.0007
#2	-.0078	.0000	.0006	.0999	.0001	-.0078	.0003	-.0012
#3	.0114	.0000	.0002	.0917	.0005	-.0059	-.0003	.0033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 5:19:34 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**.0005**	**.0050**	**-.0003**	**.0000**	**.0000**	**-.0020**	**.0000**
Stddev	.0008	.0022	.0014	.0007	.0000	.0002	.0009	.0002
%RSD	35.22	408.5	27.00	223.1	67.61	13130.	43.16	1384.
#1	.0018	.0002	.0035	-.0002	.0000	-.0000	-.0029	.0001
#2	.0017	-.0015	.0058	.0003	.0000	.0002	-.0011	.0001
#3	.0031	.0029	.0058	-.0010	.0001	-.0002	-.0020	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0008**	**.0003**	**.0001**
Stddev	.0009	.0001	.0001
%RSD	115.6	43.64	111.1
#1	.0012	.0002	.0002
#2	-.0003	.0005	-.0000
#3	.0014	.0002	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7327.5**	**110180.**	**12885.**	**2991.8**
Stddev	12.3	337.	43.	4.4
%RSD	.16727	.30560	.33447	.14656
#1	7316.0	109990.	12885.	2987.1
#2	7340.4	109990.	12928.	2995.7
#3	7326.2	110570.	12842.	2992.6

Zoom In Zoom Out

Sample Name: jd58640-29 Acquired: 1/17/2023 5:24:50 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0035**	**122.0**	**.0321**	**.1547**	**.8203**	**.0070**	**.3914**	**131.7**	**.0015**
Stddev	.0001	.1	.0004	.0004	.0007	.0001	.0007	.2	.0001
%RSD	2.958	.0787	1.365	.2905	.0842	.7681	.1729	.1345	5.873
#1	-.0034	122.0	.0318	.1552	.8209	.0070	.3907	131.8	.0016
#2	-.0035	122.0	.0326	.1543	.8205	.0070	.3921	131.8	.0015
#3	-.0036	121.9	.0319	.1547	.8196	.0069	.3914	131.5	.0015

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5653**	**.0849**	**.1776**	**.1479**	**183.6**	**27.57**	**.2508**	**55.81**	**4.354**
Stddev	.0028	.0003	.0003	.0010	.2	.03	.0013	.17	.064
%RSD	.4932	.3095	.1841	.6531	.0907	.0977	.5032	.3129	1.474
#1	.5653	.0852	.1778	.1483	183.7	27.57	.2520	56.02	4.317
#2	.5681	.0847	.1777	.1486	183.7	27.60	.2495	55.70	4.428
#3	.5625	.0848	.1772	.1468	183.4	27.55	.2509	55.73	4.317

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0056**	**4.110**	**.1858**	**3.877**	**.1402**	**.9785**	**.0095**	**.0028**	**3.002**
Stddev	.0000	.011	.0007	.004	.0008	.0038	.0017	.0032	.040
%RSD	.1700	.2602	.3823	.1068	.5616	.3892	18.11	115.4	1.320
#1	.0056	4.115	.1862	3.876	.1393	.9829	.0104	.0005	3.026
#2	.0056	4.098	.1850	3.882	.1407	.9761	.0105	.0065	3.025
#3	.0056	4.117	.1862	3.874	.1407	.9766	.0075	.0014	2.956

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0242**	**.3038**	**2.691**	**.0002**	**.2715**	**.0046**	**.4610**	**.0730**
Stddev	.0012	.0008	.005	.0045	.0013	.0007	.0015	.0003
%RSD	4.912	.2528	.1699	1986.	.4639	14.33	.3311	.4538
#1	.0238	.3043	2.688	.0036	.2716	.0038	.4624	.0727
#2	.0255	.3042	2.696	-.0049	.2728	.0049	.4612	.0730
#3	.0232	.3029	2.689	.0020	.2702	.0050	.4594	.0734

Zoom In Zoom Out

Sample Name: jd58640-29 Acquired: 1/17/2023 5:24:50 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7011.5**	**108510.**	**13345.**	**2989.4**
Stddev	21.6	504.	32.	9.3
%RSD	.30738	.46432	.24090	.31159
#1	6993.5	108900.	13338.	2983.7
#2	7005.6	107940.	13380.	2984.3
#3	7035.3	108690.	13317.	3000.1

Zoom In Zoom Out

Sample Name: jd58640-33 Acquired: 1/17/2023 5:30:01 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**84.70**	**.0256**	**.0682**	**.4438**	**.0041**	**.4615**	**75.20**	**.0020**
Stddev	.0007	.20	.0003	.0007	.0003	.0000	.0004	.10	.0001
%RSD	45.09	.2359	1.085	1.020	.0676	.7628	.0959	.1380	7.580
#1	-.0007	84.48	.0259	.0685	.4436	.0041	.4620	75.09	.0018
#2	-.0019	84.74	.0254	.0686	.4441	.0042	.4613	75.19	.0021
#3	-.0019	84.87	.0254	.0674	.4437	.0041	.4613	75.30	.0020

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5259**	**.0563**	**.1294**	**.2139**	**129.4**	**12.77**	**.0938**	**35.36**	**2.379**
Stddev	.0028	.0003	.0001	.0004	.2	.03	.0015	.04	.003
%RSD	.5375	.5664	.1070	.1677	.1719	.2453	1.612	.1241	.1313
#1	.5243	.0561	.1293	.2139	129.3	12.74	.0926	35.38	2.378
#2	.5291	.0562	.1294	.2143	129.3	12.80	.0932	35.31	2.378
#3	.5242	.0567	.1296	.2136	129.7	12.77	.0955	35.40	2.383

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050**	**3.390**	**.1117**	**3.915**	**.2532**	**5.921**	**.0084**	**-.0024**	**2.359**
Stddev	.0003	.011	.0007	.007	.0007	.001	.0013	.0040	.014
%RSD	6.878	.3150	.5916	.1769	.2830	.0138	15.81	168.9	.5973
#1	.0046	3.379	.1115	3.907	.2534	5.921	.0069	-.0038	2.375
#2	.0050	3.390	.1125	3.921	.2537	5.922	.0089	-.0055	2.355
#3	.0053	3.400	.1113	3.918	.2524	5.921	.0095	.0021	2.348

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0275**	**.3119**	**3.161**	**.0018**	**.2839**	**.0035**	**.5818**	**.0506**
Stddev	.0009	.0003	.004	.0005	.0007	.0012	.0001	.0001
%RSD	3.233	.0839	.1356	29.95	.2635	34.79	.0123	.1944
#1	.0274	.3116	3.158	.0023	.2831	.0049	.5818	.0505
#2	.0284	.3120	3.166	.0012	.2841	.0027	.5817	.0507
#3	.0266	.3121	3.159	.0019	.2846	.0030	.5819	.0506

Zoom In Zoom Out

Sample Name: jd58640-33 Acquired: 1/17/2023 5:30:01 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7113.6**	**110950.**	**13558.**	**3028.8**
Stddev	4.4	197.	11.	3.0
%RSD	.06181	.17727	.08171	.10034
#1	7111.3	110990.	13547.	3030.6
#2	7118.6	111130.	13569.	3030.6
#3	7110.8	110740.	13557.	3025.3

Zoom In Zoom Out

Sample Name: jd58640-35 Acquired: 1/17/2023 5:35:02 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0032**	**189.5**	**.0392**	**.0275**	**.4820**	**.0063**	**1.060**	**24.68**
Stddev	.0004	.6	.0011	.0006	.0012	.0000	.002	.07
%RSD	11.74	.3415	2.704	2.180	.2399	.5080	.1512	.2784
#1	-.0028	190.2	.0381	.0270	.4833	.0062	1.058	24.76
#2	-.0035	189.0	.0402	.0281	.4810	.0063	1.061	24.63
#3	-.0032	189.2	.0394	.0272	.4817	.0063	1.061	24.65

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023**	**.4917**	**.1491**	**.3979**	**.2815**	F **260.9**	**5.779**	**.1184**
Stddev	.0001	.0050	.0004	.0004	.0002	.8	.018	.0012
%RSD	5.321	1.022	.2780	.1071	.0696	.2980	.3190	1.015
#1	.0024	.4901	.1496	.3983	.2817	261.8	5.797	.1188
#2	.0022	.4973	.1490	.3975	.2813	260.3	5.760	.1171
#3	.0022	.4876	.1487	.3977	.2816	260.7	5.781	.1194

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**48.57**	**5.156**	**.0021**	**1.107**	**.1849**	**2.329**	**.3565**	**.9454**
Stddev	.13	.018	.0006	.004	.0007	.005	.0057	.0044
%RSD	.2613	.3443	30.54	.3894	.3895	.2214	1.585	.4634
#1	48.65	5.174	.0028	1.112	.1856	2.333	.3611	.9468
#2	48.42	5.156	.0015	1.103	.1842	2.330	.3583	.9489
#3	48.63	5.138	.0021	1.107	.1849	2.323	.3502	.9405

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0138**	**.0017**	**2.163**	**.0328**	**.1635**	**7.213**	F **-.0025**	**.6330**
Stddev	.0012	.0035	.039	.0015	.0007	.004	.0013	.0001
%RSD	8.427	210.7	1.811	4.609	.4355	.0602	52.55	.0205
#1	.0151	.0053	2.195	.0311	.1642	7.209	-.0016	.6332
#2	.0134	-.0017	2.175	.0341	.1628	7.218	-.0019	.6329
#3	.0129	.0013	2.119	.0332	.1633	7.212	-.0040	.6330

Zoom In Zoom Out

Sample Name: jd58640-35 Acquired: 1/17/2023 5:35:02 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0044**	**.7176**	**.1238**
Stddev	.0026	.0037	.0003
%RSD	60.07	.5153	.2583
#1	.0054	.7192	.1241
#2	.0014	.7203	.1239
#3	.0064	.7134	.1235

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7217.6**	**109760.**	**13466.**	**3032.4**
Stddev	33.9	167.	52.	15.4
%RSD	.47032	.15240	.38416	.50840
#1	7194.5	109860.	13464.	3021.8
#2	7201.8	109560.	13519.	3025.3
#3	7256.6	109850.	13416.	3050.1

Zoom In Zoom Out

Sample Name: jd58640-39 Acquired: 1/17/2023 5:40:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0018**	**110.5**	**.0767**	**.1142**	**1.526**	**.0064**	**.3842**	**77.67**	**.0057**
Stddev	.0002	.1	.0028	.0011	.001	.0000	.0019	.02	.0005
%RSD	10.99	.0600	3.644	.9369	.0408	.5552	.5042	.0294	8.494
#1	-.0016	110.4	.0779	.1154	1.526	.0064	.3861	77.69	.0053
#2	-.0017	110.5	.0735	.1139	1.525	.0064	.3822	77.64	.0062
#3	-.0020	110.5	.0788	.1134	1.526	.0064	.3843	77.67	.0057

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4684**	**.0758**	**.3950**	**.5657**	**197.7**	**18.49**	**.2437**	**40.05**	**3.034**
Stddev	.0036	.0005	.0004	.0016	.1	.06	.0011	.05	.004
%RSD	.7619	.6016	.1078	.2798	.0609	.3410	.4502	.1192	.1360
#1	.4644	.0756	.3952	.5665	197.5	18.44	.2434	40.10	3.038
#2	.4698	.0756	.3945	.5639	197.7	18.56	.2448	40.05	3.030
#3	.4711	.0764	.3953	.5668	197.8	18.48	.2427	40.00	3.035

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0599**	**2.041**	**.2845**	**3.731**	**3.377**	**2.477**	**.0259**	**.0019**	**3.058**
Stddev	.0002	.006	.0003	.012	.010	.003	.0008	.0006	.049
%RSD	.3398	.2815	.0939	.3261	.3073	.1335	3.167	31.77	1.596
#1	.0602	2.047	.2845	3.743	3.384	2.481	.0268	.0023	3.113
#2	.0599	2.039	.2848	3.733	3.381	2.474	.0252	.0022	3.021
#3	.0598	2.037	.2842	3.718	3.365	2.476	.0256	.0012	3.039

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2103**	**.4447**	**2.637**	**-.0015**	**.5171**	**.0096**	**1.765**	**.0504**
Stddev	.0012	.0003	.004	.0018	.0006	.0014	.007	.0003
%RSD	.5565	.0673	.1682	123.3	.1095	14.79	.4180	.5074
#1	.2115	.4446	2.642	-.0001	.5173	.0111	1.772	.0502
#2	.2102	.4445	2.634	-.0035	.5164	.0083	1.767	.0504
#3	.2091	.4450	2.635	-.0008	.5175	.0094	1.758	.0507

Zoom In Zoom Out

Sample Name: jd58640-39 Acquired: 1/17/2023 5:40:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7143.6**	**109670.**	**13327.**	**3001.6**
Stddev	19.5	396.	43.	12.0
%RSD	.27322	.36121	.32311	.39934
#1	7127.2	109700.	13365.	2990.5
#2	7138.5	110060.	13336.	3000.0
#3	7165.2	109270.	13280.	3014.3

Zoom In Zoom Out

Sample Name: jd58640-42 Acquired: 1/17/2023 5:45:12 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0036**	**125.4**	**.0704**	**.1480**	**1.532**	**.0063**	**.4092**	**89.02**
Stddev	.0015	.3	.0011	.0019	.004	.0001	.0098	.23
%RSD	40.61	.2019	1.509	1.282	.2560	1.742	2.396	.2597
#1	-.0053	125.7	.0693	.1501	1.534	.0064	.4206	89.18
#2	-.0033	125.4	.0705	.1465	1.534	.0062	.4037	89.12
#3	-.0024	125.2	.0714	.1474	1.527	.0063	.4034	88.75

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0060**	**.4892**	**.0912**	**.4103**	**.5518**	F **267.8**	**18.77**	**.2409**
Stddev	.0003	.0111	.0006	.0102	.0130	.6	.04	.0015
%RSD	4.242	2.268	.6286	2.490	2.354	.2082	.2159	.6245
#1	.0063	.5020	.0909	.4221	.5668	268.2	18.81	.2408
#2	.0058	.4816	.0919	.4041	.5444	268.0	18.73	.2395
#3	.0058	.4842	.0908	.4047	.5442	267.1	18.76	.2425

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**40.73**	**3.664**	**.0613**	**3.105**	**.2643**	**4.700**	**2.472**	**3.725**
Stddev	.21	.080	.0006	.010	.0015	.014	.008	.010
%RSD	.5202	2.186	1.000	.3358	.5638	.3058	.3256	.2628
#1	40.93	3.756	.0619	3.105	.2660	4.712	2.477	3.735
#2	40.74	3.609	.0606	3.115	.2637	4.704	2.477	3.716
#3	40.51	3.627	.0614	3.095	.2632	4.684	2.463	3.722

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0267**	**.0008**	**2.860**	**.1705**	**.4971**	**2.818**	F **-.0034**	**.3492**
Stddev	.0013	.0070	.033	.0012	.0016	.070	.0013	.0082
%RSD	4.777	895.2	1.167	.7110	.3257	2.467	37.32	2.353
#1	.0270	.0080	2.897	.1713	.4982	2.899	-.0039	.3587
#2	.0278	-.0059	2.850	.1711	.4978	2.781	-.0020	.3446
#3	.0253	.0003	2.832	.1691	.4952	2.775	-.0044	.3443

Zoom In Zoom Out

Sample Name: jd58640-42 Acquired: 1/17/2023 5:45:12 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0095**	**1.638**	**.0627**
Stddev	.0035	.003	.0011
%RSD	36.66	.1898	1.757
#1	.0094	1.640	.0639
#2	.0060	1.640	.0620
#3	.0130	1.635	.0620

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7177.9**	**108270.**	**13327.**	**2992.2**
Stddev	22.0	1949.	114.	7.8
%RSD	.30677	1.8005	.85247	.25975
#1	7165.2	106040.	13206.	2988.5
#2	7165.1	109100.	13344.	2987.0
#3	7203.3	109660.	13432.	3001.1

Zoom In Zoom Out

Sample Name: jd58640-47 Acquired: 1/17/2023 5:50:13 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0009**	**154.8**	**.0859**	**.2030**	**1.536**	**.0210**	**.9410**	F **598.4**
Stddev	.0003	.1	.0005	.0007	.001	.0001	.0002	1.2
%RSD	28.10	.0933	.6051	.3680	.0809	.3451	.0195	.2077
#1	-.0008	154.9	.0858	.2038	1.537	.0209	.9409	599.6
#2	-.0012	154.6	.0864	.2028	1.535	.0210	.9412	598.5
#3	-.0007	154.8	.0854	.2023	1.537	.0210	.9410	597.1

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0016**	**4.107**	**.0398**	**.0722**	**.0662**	**81.44**	**15.87**	**.1425**
Stddev	.0003	.004	.0002	.0002	.0002	.05	.01	.0013
%RSD	20.34	.0862	.4744	.3310	.3544	.0665	.0762	.9044
#1	-.0012	4.111	.0398	.0720	.0662	81.46	15.88	.1427
#2	-.0017	4.106	.0396	.0723	.0660	81.38	15.86	.1411
#3	-.0019	4.105	.0400	.0724	.0664	81.49	15.87	.1436

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**144.0**	**7.895**	**.0022**	**6.362**	**.0648**	**1.467**	**.0434**	**28.16**
Stddev	.2	.011	.0001	.009	.0001	.005	.0027	.07
%RSD	.1346	.1370	4.345	.1483	.2247	.3289	6.257	.2555
#1	144.1	7.885	.0023	6.370	.0649	1.471	.0408	28.23
#2	143.8	7.894	.0021	6.352	.0647	1.468	.0462	28.15
#3	144.2	7.906	.0023	6.365	.0647	1.462	.0433	28.09

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0101**	**.0101**	**1.273**	**.0189**	**2.579**	**6.435**	F **-.0105**	**.1036**
Stddev	.0010	.0010	.003	.0009	.002	.003	.0035	.0001
%RSD	9.523	10.11	.2702	4.966	.0877	.0519	33.84	.1128
#1	.0093	.0111	1.273	.0187	2.581	6.434	-.0081	.1037
#2	.0112	.0090	1.276	.0181	2.576	6.439	-.0146	.1035
#3	.0097	.0103	1.270	.0199	2.580	6.433	-.0087	.1037

Zoom In Zoom Out

Sample Name: jd58640-47 Acquired: 1/17/2023 5:50:13 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0261**	**.0936**	**.2816**
Stddev	.0005	.0004	.0008
%RSD	2.042	.4618	.2703
#1	.0265	.0939	.2824
#2	.0255	.0938	.2810
#3	.0264	.0931	.2812

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6478.7**	**160510.**	**20561.**	**4375.2**
Stddev	15.6	174.	59.	7.3
%RSD	.24002	.10854	.28565	.16627
#1	6464.2	160680.	20503.	4369.9
#2	6476.9	160330.	20620.	4372.2
#3	6495.1	160510.	20559.	4383.5

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 5:55:30 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2591**	**40.77**	**2.114**	**2.111**	**2.051**	**1.993**	**2.047**	**38.46**	**2.074**
Stddev	.0013	.05	.004	.005	.003	.003	.004	.03	.004
%RSD	.4945	.1254	.2083	.2532	.1566	.1234	.1755	.0768	.1739
#1	.2605	40.76	2.118	2.113	2.055	1.996	2.051	38.47	2.077
#2	.2581	40.82	2.110	2.105	2.050	1.992	2.044	38.49	2.074
#3	.2586	40.72	2.113	2.114	2.049	1.993	2.046	38.43	2.070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.044**	**2.084**	**2.010**	**2.006**	**38.01**	**41.45**	**2.105**	**38.48**	**2.075**
Stddev	.007	.001	.006	.008	.02	.04	.005	.07	.006
%RSD	.3220	.0341	.2787	.3976	.0491	.0960	.2392	.1717	.3008
#1	2.051	2.084	2.012	2.014	38.03	41.49	2.107	38.49	2.079
#2	2.038	2.085	2.004	1.998	38.02	41.44	2.109	38.55	2.068
#3	2.044	2.083	2.014	2.006	37.99	41.41	2.099	38.41	2.078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.140**	**41.74**	**2.066**	**2.106**	**2.092**	**2.098**	**2.109**	**2.046**	**5.035**
Stddev	.004	.06	.001	.003	.002	.001	.005	.006	.014
%RSD	.1666	.1367	.0466	.1476	.0698	.0651	.2217	.3150	.2792
#1	2.145	41.74	2.065	2.103	2.091	2.096	2.113	2.053	5.051
#2	2.139	41.79	2.067	2.109	2.092	2.099	2.104	2.040	5.026
#3	2.138	41.68	2.066	2.106	2.094	2.098	2.111	2.045	5.028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 5:55:30 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.161**	**2.106**	**2.071**	**2.081**	**2.022**	**2.161**	**1.958**	**2.047**
Stddev	.002	.003	.004	.001	.005	.004	.002	.007
%RSD	.0921	.1536	.1964	.0424	.2583	.1609	.0983	.3653
#1	2.159	2.109	2.075	2.081	2.026	2.158	1.955	2.053
#2	2.163	2.105	2.067	2.082	2.016	2.165	1.958	2.039
#3	2.162	2.103	2.072	2.080	2.023	2.161	1.959	2.049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7044.9**	**106450.**	**12752.**	**2922.0**
Stddev	5.3	262.	80.	2.0
%RSD	.07514	.24654	.62819	.06812
#1	7048.2	106580.	12841.	2921.9
#2	7038.8	106620.	12686.	2920.1
#3	7047.7	106150.	12730.	2924.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 6:00:22 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0010**	**-.0013**	**.0031**	**.0004**	**.0000**	**.0004**	**.0047**
Stddev	.0001	.0079	.0007	.0003	.0002	.0000	.0009	.0016
%RSD	8.111	769.5	51.56	8.971	38.99	73.73	237.2	33.27
#1	-.0012	.0101	-.0014	.0030	.0003	.0000	.0007	.0029
#2	-.0013	-.0033	-.0006	.0029	.0006	.0000	.0011	.0053
#3	-.0014	-.0038	-.0018	.0034	.0004	.0000	-.0007	.0059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0014**	**.0003**	**-.0001**	**-.0003**	**.0015**	**-.1000**	**.0014**
Stddev	.0002	.0016	.0003	.0002	.0004	.0025	.0116	.0010
%RSD	177.5	113.8	95.61	168.2	117.8	161.9	11.62	70.05
#1	.0001	-.0024	.0001	-.0001	-.0003	.0044	-.0902	.0003
#2	-.0002	.0004	.0001	-.0004	.0001	.0003	-.0970	.0020
#3	-.0003	-.0022	.0006	.0001	-.0007	-.0000	-.1129	.0019
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0084**	**.0000**	**.0004**	**.1041**	**.0002**	F **-.0065**	**.0006**	**.0011**
Stddev	.0021	.0000	.0003	.0044	.0003	.0020	.0008	.0022
%RSD	24.66	126.5	90.26	4.229	137.8	30.30	129.9	203.2
#1	-.0101	-.0000	.0003	.1006	-.0001	-.0044	.0016	-.0002
#2	-.0090	.0001	.0008	.1090	.0004	-.0082	.0003	.0036
#3	-.0061	.0001	.0001	.1026	.0002	-.0070	.0001	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 6:00:22 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**.0010**	**.0051**	**-.0003**	**-.0000**	**.0005**	**.0012**	**-.0000**
Stddev	.0016	.0011	.0010	.0002	.0001	.0003	.0013	.0001
%RSD	84.10	104.3	20.32	85.28	612.2	50.40	107.8	187.5
#1	.0034	.0020	.0053	-.0000	-.0002	.0002	.0027	.0001
#2	.0002	.0012	.0060	-.0003	.0001	.0007	.0005	-.0001
#3	.0022	-.0001	.0040	-.0005	.0000	.0006	.0004	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0001**	**.0005**	**.0003**
Stddev	.0009	.0002	.0002
%RSD	705.9	47.91	78.06
#1	.0005	.0006	.0005
#2	.0003	.0003	.0002
#3	-.0012	.0007	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7301.2**	**108770.**	**12633.**	**2982.0**
Stddev	10.4	317.	49.	5.0
%RSD	.14297	.29125	.38946	.16682
#1	7289.6	109040.	12579.	2976.9
#2	7303.9	108420.	12676.	2982.0
#3	7310.0	108860.	12643.	2986.9

Zoom In Zoom Out

Sample Name: mp37431-mb1 Acquired: 1/17/2023 6:05:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0014**	**.0237**	**.0003**	**.0014**	**.0009**	**.0001**	**.0012**	**.2611**	**-.0002**
Stddev	.0001	.0063	.0004	.0002	.0002	.0001	.0008	.0032	.0005
%RSD	9.980	26.70	118.1	14.49	17.02	109.4	72.86	1.227	284.8
#1	-.0015	.0169	.0004	.0014	.0009	.0001	.0012	.2644	-.0002
#2	-.0012	.0249	-.0001	.0016	.0008	.0002	.0003	.2610	-.0006
#3	-.0014	.0294	.0007	.0012	.0011	-.0000	.0020	.2580	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**.0002**	**.0002**	**.0017**	**.0680**	**-.1096**	**.0008**	**.0114**	**.0011**
Stddev	.0033	.0001	.0002	.0004	.0004	.0310	.0015	.0212	.0000
%RSD	335.1	62.21	153.5	22.17	.6478	28.27	186.4	185.7	1.296
#1	.0003	.0004	-.0001	.0017	.0684	-.0776	.0002	.0020	.0011
#2	.0046	.0002	.0002	.0020	.0675	-.1394	-.0003	.0356	.0011
#3	-.0019	.0001	.0004	.0013	.0682	-.1117	.0025	-.0035	.0011

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.1060**	**.0004**	**.0162**	**.0012**	**.0156**	**.0021**	**.0001**	**.0171**
Stddev	.0002	.0077	.0004	.0004	.0023	.0020	.0016	.0010	.0014
%RSD	36.35	7.253	87.34	2.750	195.5	12.73	76.09	1334.	7.957
#1	.0006	.0976	.0000	.0158	-.0012	.0164	.0003	.0010	.0155
#2	.0003	.1078	.0007	.0161	.0014	.0171	.0034	-.0010	.0175
#3	.0004	.1127	.0005	.0167	.0034	.0134	.0026	.0003	.0182

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0100**	**.0013**	**.0013**	**.0001**	**.0001**	**.0018**	**.0115**	**.0002**
Stddev	.0013	.0001	.0002	.0012	.0002	.0005	.0001	.0002
%RSD	13.34	5.528	17.04	1151.	144.8	27.01	1.243	80.77
#1	.0115	.0014	.0010	-.0008	.0000	.0014	.0116	.0002
#2	.0089	.0014	.0014	.0015	-.0000	.0024	.0116	.0000
#3	.0096	.0012	.0013	-.0004	.0003	.0017	.0113	.0004

Zoom In Zoom Out

Sample Name: mp37431-mb1 Acquired: 1/17/2023 6:05:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7280.6**	**108980.**	**12737.**	**2973.9**
Stddev	21.9	202.	102.	13.2
%RSD	.30067	.18495	.79850	.44259
#1	7262.9	108820.	12675.	2960.6
#2	7273.8	108920.	12681.	2974.3
#3	7305.1	109210.	12855.	2986.9

Zoom In Zoom Out

Sample Name: mp37431-b1 Acquired: 1/17/2023 6:10:53 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2390**	**25.37**	**1.971**	**1.913**	**1.912**	**1.866**	**.2876**	**24.23**	**1.933**
Stddev	.0007	.03	.007	.004	.003	.002	.0014	.03	.005
%RSD	.2806	.1076	.3457	.1892	.1507	.0996	.4840	.1149	.2833
#1	.2384	25.39	1.976	1.917	1.915	1.868	.2860	24.26	1.940
#2	.2397	25.37	1.973	1.910	1.912	1.865	.2883	24.23	1.932
#3	.2389	25.34	1.963	1.912	1.909	1.865	.2885	24.20	1.929

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**1.938**	**1.864**	**1.855**	**23.80**	**25.83**	**.0017**	**24.18**	**1.929**
Stddev	.0001	.003	.005	.003	.05	.04	.0012	.11	.004
%RSD	65.05	.1562	.2477	.1600	.1986	.1440	71.83	.4740	.2135
#1	-.0003	1.939	1.869	1.856	23.83	25.81	.0028	24.18	1.933
#2	-.0002	1.940	1.863	1.858	23.83	25.87	.0019	24.30	1.929
#3	-.0001	1.935	1.859	1.852	23.75	25.81	.0004	24.07	1.925

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.936**	**26.22**	**1.925**	**1.963**	**1.958**	**.0202**	**1.919**	**1.888**	**.0227**
Stddev	.005	.04	.003	.002	.004	.0041	.003	.004	.0021
%RSD	.2769	.1706	.1523	.1103	.2192	20.36	.1648	.2038	9.172
#1	1.942	26.25	1.929	1.965	1.959	.0231	1.922	1.892	.0248
#2	1.936	26.25	1.925	1.964	1.961	.0221	1.919	1.885	.0227
#3	1.931	26.17	1.923	1.961	1.953	.0155	1.916	1.886	.0206

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.990**	**1.962**	**1.864**	**1.950**	**1.865**	**1.372**	**1.834**	**1.851**
Stddev	.003	.002	.003	.002	.002	.002	.003	.003
%RSD	.1649	.0854	.1585	.0849	.1312	.1559	.1587	.1792
#1	1.993	1.964	1.867	1.948	1.867	1.374	1.836	1.854
#2	1.989	1.961	1.863	1.950	1.865	1.370	1.834	1.851
#3	1.987	1.960	1.861	1.952	1.862	1.372	1.830	1.847

Zoom In Zoom Out

Sample Name: mp37431-b1 Acquired: 1/17/2023 6:10:53 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7118.7**	**107570.**	**12746.**	**2932.1**
Stddev	9.2	287.	43.	7.9
%RSD	.12945	.26675	.33721	.26840
#1	7108.2	107310.	12747.	2923.1
#2	7122.8	107520.	12703.	2935.5
#3	7125.3	107880.	12789.	2937.6

Zoom In Zoom Out

Sample Name: mp37431-s1 Acquired: 1/17/2023 6:15:45 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2368**	**86.46**	**1.889**	**1.944**	**2.220**	**1.754**	**.8877**	F **432.2**	**1.872**
Stddev	.0006	.05	.004	.002	.002	.001	.0038	7.9	.003
%RSD	.2642	.0613	.2087	.0813	.0998	.0709	.4241	1.831	.1470
#1	.2376	86.46	1.888	1.945	2.217	1.754	.8911	440.6	1.874
#2	.2364	86.51	1.893	1.942	2.222	1.756	.8884	431.2	1.875
#3	.2366	86.41	1.885	1.945	2.221	1.754	.8836	424.9	1.869

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2300**	**1.889**	**1.803**	**1.976**	**96.56**	**44.68**	**.0708**	**61.41**	**3.332**
Stddev	.0037	.004	.006	.004	.11	.03	.0007	.22	.011
%RSD	1.590	.2204	.3428	.1788	.1161	.0617	1.038	.3546	.3412
#1	.2341	1.893	1.807	1.980	96.68	44.71	.0709	61.66	3.339
#2	.2289	1.888	1.806	1.975	96.50	44.67	.0700	61.32	3.338
#3	.2271	1.885	1.796	1.973	96.48	44.65	.0715	61.25	3.319

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.774**	**46.54**	**1.885**	**5.023**	**1.896**	**41.48**	**1.232**	**1.805**	**3.390**
Stddev	.003	.01	.002	.008	.005	.05	.002	.005	.062
%RSD	.1835	.0267	.1137	.1509	.2647	.1176	.1956	.2735	1.836
#1	1.777	46.53	1.886	5.027	1.899	41.51	1.232	1.807	3.461
#2	1.775	46.55	1.887	5.028	1.899	41.51	1.234	1.809	3.362
#3	1.770	46.55	1.883	5.015	1.890	41.42	1.229	1.800	3.346

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.713**	**3.886**	**5.891**	**1.825**	**1.839**	**.9739**	**2.127**	**1.923**
Stddev	.003	.004	.030	.004	.006	.0032	.005	.005
%RSD	.1950	.0971	.5054	.1903	.3091	.3334	.2483	.2709
#1	1.715	3.882	5.924	1.828	1.843	.9764	2.132	1.927
#2	1.715	3.887	5.882	1.827	1.842	.9751	2.127	1.925
#3	1.709	3.889	5.867	1.822	1.833	.9703	2.121	1.917

Zoom In Zoom Out

Sample Name: mp37431-s1 Acquired: 1/17/2023 6:15:45 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6698.0**	**104890.**	**13033.**	**2879.7**
Stddev	16.5	431.	128.	7.3
%RSD	.24677	.41103	.97963	.25206
#1	6680.8	104770.	12886.	2872.0
#2	6699.3	104540.	13093.	2880.7
#3	6713.8	105370.	13119.	2886.4

Zoom In Zoom Out

Sample Name: mp37431-s2 Acquired: 1/17/2023 6:20:44 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2564**	**101.2**	**2.027**	**2.087**	**2.447**	**1.896**	**.9403**	F **467.6**	**2.010**
Stddev	.0006	.1	.003	.002	.001	.001	.0044	6.9	.002
%RSD	.2240	.0519	.1306	.1163	.0250	.0732	.4694	1.473	.1159
#1	.2560	101.3	2.028	2.090	2.447	1.897	.9444	469.1	2.013
#2	.2562	101.2	2.028	2.087	2.447	1.894	.9409	460.1	2.009
#3	.2571	101.3	2.024	2.085	2.448	1.895	.9357	473.6	2.009

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2421**	**2.077**	**1.959**	**2.146**	**109.3**	**49.07**	**.0784**	**70.24**	**4.041**
Stddev	.0022	.001	.002	.001	.2	.10	.0015	.14	.025
%RSD	.9039	.0572	.0824	.0459	.1631	.2128	1.928	.1928	.6267
#1	.2440	2.079	1.960	2.145	109.3	48.96	.0767	70.14	4.014
#2	.2424	2.077	1.960	2.146	109.2	49.09	.0793	70.18	4.063
#3	.2397	2.077	1.957	2.146	109.5	49.16	.0793	70.39	4.047

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.889**	**52.67**	**2.076**	**5.634**	**2.064**	**41.55**	**1.246**	**1.954**	**3.186**
Stddev	.003	.01	.001	.005	.001	.04	.004	.005	.054
%RSD	.1300	.0242	.0222	.0844	.0286	.1028	.3429	.2602	1.691
#1	1.887	52.69	2.076	5.633	2.063	41.60	1.251	1.960	3.236
#2	1.891	52.66	2.076	5.639	2.064	41.51	1.242	1.950	3.194
#3	1.890	52.67	2.076	5.630	2.064	41.55	1.246	1.953	3.129

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.815**	**4.205**	**6.250**	**1.979**	**2.006**	**.9477**	**2.155**	**2.044**
Stddev	.003	.003	.031	.003	.001	.0012	.003	.001
%RSD	.1584	.0646	.4926	.1716	.0708	.1273	.1432	.0304
#1	1.812	4.208	6.281	1.975	2.007	.9480	2.152	2.044
#2	1.816	4.204	6.251	1.980	2.007	.9464	2.158	2.045
#3	1.818	4.203	6.219	1.981	2.004	.9488	2.154	2.044

Zoom In Zoom Out

Sample Name: mp37431-s2 Acquired: 1/17/2023 6:20:44 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6661.7**	**105710.**	**13272.**	**2907.4**
Stddev	12.0	105.	90.	4.9
%RSD	.17990	.09888	.67458	.16993
#1	6673.8	105620.	13304.	2912.5
#2	6649.8	105820.	13342.	2902.7
#3	6661.5	105680.	13171.	2907.1

Zoom In Zoom Out

Sample Name: jd58561-6 Acquired: 1/17/2023 6:25:51 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0033**	**62.57**	**.0190**	**.1606**	**.4842**	**.0035**	**.6497**	F **426.4**	**.0012**
Stddev	.0005	.03	.0013	.0006	.0006	.0001	.0073	5.1	.0003
%RSD	16.23	.0433	6.794	.3780	.1204	2.877	1.130	1.194	29.90
#1	-.0039	62.58	.0176	.1611	.4847	.0036	.6561	431.8	.0013
#2	-.0033	62.59	.0201	.1607	.4836	.0035	.6513	421.7	.0014
#3	-.0028	62.54	.0193	.1599	.4845	.0034	.6417	425.6	.0008

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1795**	**.0543**	**.0683**	**.1560**	**81.28**	**20.44**	**.0841**	**42.04**	**1.693**
Stddev	.0013	.0002	.0001	.0004	.05	.03	.0025	.12	.002
%RSD	.7126	.3664	.1719	.2571	.0667	.1265	3.028	.2938	.0968
#1	.1805	.0541	.0682	.1564	81.34	20.47	.0866	42.18	1.695
#2	.1781	.0544	.0683	.1560	81.24	20.42	.0842	41.94	1.694
#3	.1800	.0545	.0684	.1556	81.27	20.42	.0815	41.99	1.692

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0087**	**22.25**	**.0680**	**2.957**	**.0377**	**48.86**	**.0079**	**.0003**	**2.258**
Stddev	.0002	.01	.0003	.003	.0007	.06	.0005	.0025	.012
%RSD	2.372	.0237	.4131	.0919	1.744	.1159	6.309	733.0	.5315
#1	.0087	22.26	.0677	2.954	.0376	48.86	.0078	.0023	2.257
#2	.0084	22.25	.0682	2.956	.0371	48.80	.0085	-.0024	2.271
#3	.0088	22.25	.0680	2.960	.0384	48.91	.0075	.0011	2.247

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0272**	**2.128**	**4.347**	**.0034**	**.0729**	**.0121**	**.4195**	**.2622**
Stddev	.0013	.002	.055	.0017	.0002	.0008	.0008	.0002
%RSD	4.948	.0896	1.257	48.77	.3380	6.352	.2000	.0814
#1	.0288	2.130	4.402	.0025	.0726	.0121	.4205	.2624
#2	.0266	2.126	4.345	.0053	.0730	.0114	.4190	.2620
#3	.0263	2.128	4.293	.0024	.0731	.0129	.4191	.2622

Zoom In Zoom Out

Sample Name: jd58561-6 Acquired: 1/17/2023 6:25:51 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6686.7**	**104910.**	**13053.**	**2881.5**
Stddev	3.7	380.	15.	2.4
%RSD	.05559	.36179	.11577	.08397
#1	6686.2	104680.	13068.	2880.9
#2	6683.3	104710.	13038.	2879.5
#3	6690.7	105350.	13053.	2884.2

Zoom In Zoom Out

Sample Name: mp37431-sd1 Acquired: 1/17/2023 6:31:01 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0072**	**63.34**	**.0238**	**.1713**	**.5051**	**.0036**	**.7880**	**457.4**	**.0009**
Stddev	.0017	.23	.0012	.0069	.0016	.0003	.0091	.1	.0001
%RSD	23.65	.3660	5.171	4.039	.3219	8.711	1.157	.0317	16.51
#1	-.0055	63.13	.0225	.1735	.5032	.0036	.7983	457.2	.0008
#2	-.0073	63.59	.0239	.1769	.5060	.0033	.7812	457.5	.0008
#3	-.0089	63.29	.0249	.1636	.5060	.0039	.7844	457.3	.0010

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2009**	**.0514**	**.0707**	**.1532**	**84.94**	**20.16**	**.0971**	**44.67**	**1.763**
Stddev	.0064	.0009	.0002	.0017	.06	.25	.0122	.05	.003
%RSD	3.197	1.741	.2626	1.139	.0710	1.232	12.60	.1171	.1415
#1	.1960	.0520	.0704	.1538	84.93	19.88	.0925	44.61	1.760
#2	.1986	.0504	.0708	.1513	85.00	20.36	.1110	44.72	1.765
#3	.2082	.0518	.0707	.1547	84.88	20.25	.0879	44.68	1.762

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0102**	**23.02**	**.0666**	**2.929**	**.0457**	**48.09**	**.0070**	**.0039**	**2.710**
Stddev	.0006	.09	.0038	.003	.0020	.07	.0042	.0048	.084
%RSD	5.551	.4008	5.634	.1081	4.272	.1390	60.92	123.0	3.098
#1	.0097	22.92	.0663	2.932	.0456	48.12	.0085	.0094	2.806
#2	.0101	23.06	.0631	2.927	.0437	48.14	.0102	.0004	2.671
#3	.0108	23.09	.0706	2.926	.0476	48.01	.0022	.0019	2.653

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0199**	**2.219**	**5.285**	**-.0022**	**.0744**	**.0290**	**.4423**	**.2675**
Stddev	.0040	.002	.042	.0194	.0001	.0037	.0025	.0019
%RSD	20.15	.0693	.7917	892.3	.1612	12.65	.5665	.7093
#1	.0172	2.218	5.334	.0196	.0742	.0297	.4451	.2696
#2	.0245	2.221	5.265	-.0174	.0744	.0323	.4401	.2666
#3	.0181	2.218	5.258	-.0088	.0744	.0251	.4419	.2661

Zoom In Zoom Out

Sample Name: mp37431-sd1 Acquired: 1/17/2023 6:31:01 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7040.5**	**107230.**	**12766.**	**2923.2**
Stddev	25.1	234.	22.	10.4
%RSD	.35708	.21820	.17327	.35432
#1	7013.0	107400.	12790.	2911.9
#2	7046.0	106960.	12762.	2925.4
#3	7062.4	107330.	12746.	2932.2

Zoom In Zoom Out

Sample Name: mp37432-b1 Acquired: 1/17/2023 6:36:06 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2441**	**25.65**	**1.990**	**1.939**	**1.935**	**1.888**	**.2917**	**24.65**	**1.962**
Stddev	.0003	.10	.003	.000	.004	.003	.0010	.07	.002
%RSD	.1269	.3709	.1557	.0170	.2132	.1768	.3395	.2846	.1155
#1	.2439	25.75	1.991	1.938	1.939	1.891	.2924	24.72	1.964
#2	.2445	25.63	1.986	1.939	1.933	1.888	.2922	24.67	1.960
#3	.2440	25.56	1.992	1.939	1.931	1.884	.2906	24.58	1.960

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018**	**1.969**	**1.900**	**1.897**	**24.09**	**26.13**	**.0017**	**24.35**	**1.965**
Stddev	.0011	.002	.002	.002	.06	.06	.0006	.06	.002
%RSD	62.14	.1038	.1046	.0969	.2526	.2170	31.81	.2328	.0768
#1	.0016	1.971	1.901	1.896	24.12	26.14	.0018	24.39	1.966
#2	.0008	1.970	1.902	1.895	24.13	26.18	.0011	24.37	1.966
#3	.0029	1.967	1.898	1.899	24.02	26.07	.0022	24.28	1.963

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.955**	**26.46**	**1.954**	**1.990**	**1.988**	**.0300**	**1.938**	**1.919**	**.0998**
Stddev	.003	.07	.002	.002	.002	.0047	.001	.003	.0046
%RSD	.1625	.2549	.1214	.0765	.0902	15.77	.0494	.1330	4.628
#1	1.957	26.51	1.957	1.988	1.986	.0344	1.937	1.916	.1049
#2	1.951	26.49	1.952	1.991	1.988	.0306	1.939	1.921	.0960
#3	1.955	26.38	1.954	1.990	1.990	.0250	1.938	1.921	.0984

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.012**	**1.984**	**1.892**	**1.983**	**1.904**	**1.394**	**1.863**	**1.892**
Stddev	.001	.005	.002	.001	.001	.004	.007	.003
%RSD	.0657	.2643	.0866	.0574	.0282	.2630	.3877	.1321
#1	2.013	1.989	1.893	1.983	1.904	1.394	1.869	1.893
#2	2.011	1.985	1.893	1.983	1.903	1.391	1.855	1.889
#3	2.013	1.978	1.890	1.981	1.904	1.398	1.866	1.894

Zoom In Zoom Out

Sample Name: mp37432-b1 Acquired: 1/17/2023 6:36:06 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7100.4**	**106850.**	**12750.**	**2928.5**
Stddev	9.9	142.	94.	5.6
%RSD	.13902	.13335	.74095	.19204
#1	7091.2	106860.	12726.	2924.5
#2	7110.8	106700.	12670.	2935.0
#3	7099.2	106990.	12854.	2926.2

Zoom In Zoom Out

Sample Name: mp37432-mb1 Acquired: 1/17/2023 6:40:56 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**.0032**	**.0003**	**.0039**	**.0007**	**.0000**	**-.0001**	**.1388**	**-.0001**
Stddev	.0005	.0069	.0003	.0003	.0001	.0000	.0016	.0022	.0002
%RSD	43.78	212.2	106.7	8.049	11.02	48.94	1305.	1.578	136.3
#1	-.0018	.0001	.0004	.0038	.0007	.0000	.0015	.1414	.0000
#2	-.0008	-.0015	-.0001	.0036	.0007	.0000	-.0016	.1374	-.0001
#3	-.0009	.0111	.0006	.0042	.0008	.0000	-.0003	.1377	-.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0001**	**.0001**	**.0017**	**.0233**	**-.0730**	**.0025**	**.0083**	**.0004**
Stddev	.0015	.0001	.0002	.0002	.0004	.0185	.0024	.0104	.0000
%RSD	465.1	114.0	160.2	14.79	1.774	25.39	97.72	125.7	2.966
#1	.0012	-.0001	.0002	.0019	.0229	-.0574	-.0001	.0119	.0004
#2	-.0014	.0000	.0001	.0015	.0232	-.0681	.0047	.0163	.0004
#3	.0011	-.0001	-.0001	.0015	.0237	-.0935	.0029	-.0035	.0004

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.1135**	**.0005**	**.0164**	**.0010**	**.0073**	**.0010**	**-.0020**	**.0139**
Stddev	.0003	.0037	.0002	.0005	.0011	.0015	.0017	.0009	.0016
%RSD	37.43	3.228	41.08	3.210	109.9	20.19	172.7	44.20	11.25
#1	.0010	.1168	.0007	.0170	.0005	.0090	-.0002	-.0030	.0147
#2	.0005	.1096	.0007	.0160	.0023	.0067	.0002	-.0014	.0121
#3	.0012	.1142	.0003	.0163	.0002	.0062	.0030	-.0016	.0149

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0100**	**.0008**	**.0009**	**.0012**	**.0003**	**.0064**	**.0023**	**.0008**
Stddev	.0008	.0000	.0001	.0018	.0004	.0012	.0001	.0002
%RSD	8.192	5.969	9.446	147.0	135.0	18.92	5.830	19.69
#1	.0098	.0007	.0010	-.0006	-.0000	.0067	.0025	.0010
#2	.0110	.0008	.0009	.0029	.0002	.0050	.0022	.0007
#3	.0094	.0007	.0008	.0013	.0008	.0074	.0023	.0007

Zoom In Zoom Out

Sample Name: mp37432-mb1 Acquired: 1/17/2023 6:40:56 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7265.6**	**108970.**	**12867.**	**2966.3**
Stddev	18.3	483.	39.	5.1
%RSD	.25195	.44286	.30173	.17226
#1	7245.4	109440.	12903.	2962.0
#2	7270.4	109000.	12826.	2965.0
#3	7281.0	108480.	12872.	2971.9

Zoom In Zoom Out

Sample Name: mp37432-s1 Acquired: 1/17/2023 6:46:08 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2309**	**112.8**	**1.858**	**1.849**	**2.185**	**1.678**	**.8149**	F **799.8**	**1.821**
Stddev	.0003	.2	.009	.015	.001	.003	.0015	6.7	.013
%RSD	.1246	.1585	.5062	.8239	.0518	.1870	.1818	.8408	.6866
#1	.2309	113.0	1.869	1.866	2.184	1.679	.8140	807.5	1.835
#2	.2312	112.6	1.854	1.843	2.186	1.674	.8166	795.3	1.815
#3	.2306	112.7	1.851	1.838	2.185	1.679	.8140	796.6	1.812

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5647**	**1.874**	**1.883**	**1.890**	**151.3**	**54.34**	**.0838**	**93.37**	**4.184**
Stddev	.0013	.011	.003	.002	.2	.05	.0006	.32	.016
%RSD	.2239	.5616	.1365	.0792	.1298	.0991	.7266	.3472	.3800
#1	.5634	1.887	1.884	1.889	151.5	54.40	.0833	93.61	4.197
#2	.5648	1.868	1.881	1.892	151.1	54.29	.0838	93.00	4.188
#3	.5659	1.869	1.886	1.890	151.4	54.34	.0845	93.49	4.166

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.732**	**31.49**	**1.895**	**6.229**	**1.873**	**28.57**	**1.014**	**1.759**	**2.216**
Stddev	.010	.04	.010	.033	.012	.18	.008	.010	.024
%RSD	.5568	.1189	.5071	.5217	.6148	.6260	.8207	.5688	1.068
#1	1.743	31.47	1.906	6.266	1.887	28.77	1.022	1.769	2.239
#2	1.726	31.47	1.889	6.214	1.869	28.51	1.016	1.759	2.218
#3	1.726	31.53	1.889	6.206	1.865	28.42	1.005	1.749	2.192

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.647**	**6.567**	**5.424**	**1.786**	**1.854**	**1.157**	**2.004**	**1.841**
Stddev	.009	.143	.001	.013	.002	.010	.013	.005
%RSD	.5764	2.175	.0155	.7430	.1113	.8640	.6583	.2781
#1	1.658	6.470	5.424	1.797	1.852	1.169	2.019	1.835
#2	1.643	6.731	5.424	1.789	1.854	1.151	1.997	1.841
#3	1.640	6.500	5.423	1.771	1.857	1.151	1.996	1.845

Zoom In Zoom Out

Sample Name: mp37432-s1 Acquired: 1/17/2023 6:46:08 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6563.9**	**107620.**	**13538.**	**2929.3**
Stddev	34.0	255.	55.	17.1
%RSD	.51848	.23673	.40700	.58443
#1	6524.6	107580.	13484.	2909.7
#2	6584.7	107890.	13594.	2937.3
#3	6582.3	107380.	13537.	2941.0

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 6:51:24 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2589**	**40.88**	**2.122**	**2.117**	**2.057**	**1.990**	**2.061**	**38.49**	**2.081**
Stddev	.0004	.09	.002	.002	.005	.005	.001	.11	.002
%RSD	.1606	.2141	.0997	.0770	.2538	.2364	.0386	.2819	.0825
#1	.2594	40.87	2.124	2.115	2.054	1.987	2.060	38.52	2.080
#2	.2585	40.79	2.120	2.117	2.055	1.987	2.060	38.37	2.080
#3	.2589	40.97	2.121	2.118	2.063	1.995	2.062	38.58	2.083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.057**	**2.087**	**2.013**	**2.016**	**38.06**	**41.48**	**2.114**	**38.40**	**2.077**
Stddev	.005	.001	.004	.005	.11	.08	.005	.14	.005
%RSD	.2518	.0667	.1802	.2345	.2953	.1934	.2586	.3558	.2282
#1	2.055	2.087	2.017	2.014	38.04	41.46	2.108	38.52	2.083
#2	2.063	2.086	2.010	2.021	37.95	41.41	2.115	38.25	2.075
#3	2.053	2.089	2.012	2.013	38.18	41.56	2.119	38.41	2.075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.149**	**41.66**	**2.072**	**2.114**	**2.098**	**2.101**	**2.119**	**2.054**	**5.064**
Stddev	.002	.10	.001	.001	.003	.008	.003	.003	.005
%RSD	.0912	.2287	.0531	.0588	.1320	.3839	.1563	.1622	.0901
#1	2.147	41.61	2.072	2.115	2.099	2.098	2.118	2.050	5.058
#2	2.151	41.60	2.070	2.115	2.094	2.096	2.115	2.056	5.066
#3	2.150	41.77	2.073	2.113	2.099	2.111	2.122	2.056	5.067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 6:51:24 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.168**	**2.102**	**2.077**	**2.087**	**2.031**	**2.177**	**1.964**	**2.068**
Stddev	.003	.005	.003	.005	.003	.001	.005	.002
%RSD	.1151	.2254	.1426	.2209	.1637	.0560	.2532	.1061
#1	2.170	2.099	2.080	2.093	2.034	2.176	1.970	2.069
#2	2.169	2.100	2.078	2.085	2.029	2.177	1.963	2.069
#3	2.166	2.108	2.074	2.084	2.029	2.179	1.961	2.065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7038.9**	**106510.**	**12803.**	**2916.1**
Stddev	14.9	579.	139.	6.6
%RSD	.21184	.54321	1.0832	.22710
#1	7021.6	105890.	12673.	2908.8
#2	7047.9	107030.	12949.	2917.8
#3	7047.0	106610.	12786.	2921.7

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 6:56:14 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**-.0138**	**-.0008**	**.0047**	**.0001**	**-.0000**	**.0002**	**.0093**
Stddev	.0003	.0139	.0011	.0008	.0001	.0001	.0017	.0007
%RSD	27.20	101.0	131.5	17.17	181.2	149.6	1061.	7.233
#1	-.0009	-.0275	-.0002	.0041	.0002	-.0000	.0015	.0094
#2	-.0015	-.0140	-.0020	.0044	-.0001	-.0001	.0007	.0099
#3	-.0011	.0003	-.0001	.0056	.0001	.0000	-.0017	.0086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0012**	**.0004**	**-.0002**	**-.0004**	**.0011**	**-.0305**	**.0017**
Stddev	.0002	.0011	.0003	.0001	.0001	.0009	.0310	.0016
%RSD	82.03	97.87	83.25	48.40	17.45	83.94	101.7	90.83
#1	.0000	.0000	.0002	-.0003	-.0004	.0004	-.0639	.0028
#2	.0004	.0012	.0008	-.0003	-.0005	.0021	-.0250	-.0001
#3	.0002	.0023	.0003	-.0001	-.0003	.0007	-.0026	.0025
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024**	**.0000**	**.0005**	**.0955**	**.0001**	F **-.0071**	**-.0003**	**-.0001**
Stddev	.0061	.0000	.0006	.0012	.0002	.0013	.0003	.0039
%RSD	250.9	56.81	126.4	1.307	262.5	17.60	98.02	6597.
#1	.0044	.0000	.0003	.0954	.0004	-.0079	-.0004	.0044
#2	.0073	.0001	.0011	.0968	-.0001	-.0078	-.0006	-.0022
#3	-.0044	.0001	-.0000	.0943	-.0000	-.0057	.0000	-.0024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 6:56:14 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**-.0002**	**.0050**	**.0001**	**.0001**	**.0004**	F **-.0022**	**-.0002**
Stddev	.0010	.0014	.0013	.0013	.0001	.0002	.0032	.0001
%RSD	328.0	637.8	25.64	941.3	178.0	53.67	146.5	74.78
#1	.0008	.0014	.0062	-.0008	-.0000	.0002	-.0052	-.0000
#2	-.0010	-.0013	.0050	-.0004	.0002	.0006	-.0025	-.0002
#3	-.0007	-.0008	.0036	.0017	.0000	.0003	.0012	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit							.0020	
Low Limit							-.0020	

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	F **.0060**	**.0005**	**.0002**
Stddev	.0005	.0001	.0000
%RSD	8.415	27.84	20.64
#1	.0060	.0003	.0001
#2	.0064	.0005	.0002
#3	.0054	.0006	.0001
Check ?	Chk Fail	Chk Pass	Chk Pass
High Limit	.0054		
Low Limit	-.0054		

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7298.8**	**109570.**	**12717.**	**2982.2**
Stddev	11.0	215.	12.	6.5
%RSD	.15065	.19600	.09440	.21749
#1	7304.4	109410.	12720.	2985.1
#2	7305.8	109810.	12704.	2986.7
#3	7286.1	109480.	12727.	2974.7

Zoom In Zoom Out

Sample Name: mp37432-s2 Acquired: 1/17/2023 7:01:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2295**	**120.6**	**1.841**	**1.842**	**2.195**	**1.662**	**.9114**	F **836.5**	**1.798**
Stddev	.0006	.1	.005	.005	.004	.001	.0007	11.7	.004
%RSD	.2487	.0784	.2550	.2538	.1911	.0871	.0795	1.400	.2254
#1	.2290	120.6	1.846	1.846	2.191	1.661	.9115	829.2	1.803
#2	.2301	120.7	1.837	1.842	2.199	1.663	.9106	830.4	1.797
#3	.2295	120.6	1.839	1.837	2.197	1.660	.9120	850.1	1.795

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5942**	**1.849**	**1.863**	**1.886**	**151.3**	**58.06**	**.0868**	**93.19**	**4.461**
Stddev	.0032	.001	.002	.002	.2	.02	.0009	.09	.039
%RSD	.5371	.0681	.0963	.1057	.1530	.0383	.9940	.0972	.8799
#1	.5911	1.851	1.865	1.885	151.0	58.04	.0877	93.23	4.417
#2	.5975	1.849	1.861	1.889	151.3	58.08	.0859	93.08	4.473
#3	.5940	1.848	1.864	1.886	151.5	58.05	.0867	93.25	4.492

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.706**	**32.30**	**1.871**	**6.235**	**1.845**	**31.24**	**.9295**	**1.736**	**2.226**
Stddev	.003	.04	.000	.008	.002	.08	.0040	.004	.004
%RSD	.1795	.1311	.0188	.1222	.1122	.2456	.4311	.2290	.1731
#1	1.709	32.25	1.871	6.241	1.845	31.31	.9339	1.735	2.229
#2	1.707	32.33	1.871	6.226	1.844	31.25	.9288	1.741	2.227
#3	1.703	32.33	1.871	6.237	1.848	31.15	.9260	1.733	2.222

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.623**	**7.043**	**6.094**	**1.755**	**1.855**	**1.165**	**2.012**	**1.857**
Stddev	.004	.134	.004	.005	.001	.000	.001	.001
%RSD	.2524	1.902	.0723	.2645	.0365	.0128	.0697	.0513
#1	1.627	7.188	6.091	1.760	1.854	1.165	2.012	1.856
#2	1.621	6.924	6.092	1.753	1.855	1.165	2.011	1.857
#3	1.619	7.018	6.099	1.752	1.856	1.164	2.014	1.858

Zoom In Zoom Out

Sample Name: mp37432-s2 Acquired: 1/17/2023 7:01:28 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6567.0**	**107020.**	**13575.**	**2928.6**
Stddev	8.5	145.	74.	2.0
%RSD	.12916	.13552	.54178	.06792
#1	6576.7	107000.	13595.	2930.8
#2	6561.5	107180.	13637.	2926.9
#3	6562.6	106890.	13494.	2928.3

Zoom In Zoom Out

Sample Name: jd58578-1 Acquired: 1/17/2023 7:06:41 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0048**	**86.34**	**.0245**	**.1297**	**.4109**	**.0070**	**.5593**	F **796.7**	**.0032**
Stddev	.0006	.08	.0015	.0010	.0010	.0001	.0019	9.2	.0002
%RSD	11.66	.0969	6.180	.7993	.2335	.8109	.3403	1.152	7.537
#1	-.0048	86.28	.0230	.1290	.4108	.0070	.5613	788.2	.0035
#2	-.0054	86.30	.0261	.1293	.4099	.0071	.5591	795.5	.0033
#3	-.0043	86.43	.0245	.1309	.4119	.0071	.5575	806.5	.0030

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5245**	**.0607**	**.2165**	**.1043**	**144.0**	**27.89**	**.0933**	**75.25**	**2.458**
Stddev	.0038	.0004	.0004	.0004	.3	.05	.0010	.22	.005
%RSD	.7169	.7381	.1732	.4015	.2054	.1673	1.107	.2986	.1904
#1	.5273	.0602	.2168	.1040	143.8	27.83	.0922	75.00	2.463
#2	.5259	.0609	.2166	.1040	144.0	27.91	.0938	75.34	2.456
#3	.5202	.0611	.2161	.1047	144.3	27.92	.0940	75.42	2.454

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0105**	**6.965**	**.0967**	**4.487**	**.0456**	**30.19**	**.0111**	**.0034**	**.8941**
Stddev	.0004	.019	.0003	.005	.0005	.03	.0019	.0031	.0093
%RSD	3.347	.2784	.2917	.1202	1.193	.0979	16.71	90.51	1.039
#1	.0104	6.956	.0969	4.491	.0458	30.18	.0110	.0003	.9041
#2	.0109	6.953	.0964	4.490	.0450	30.22	.0130	.0036	.8857
#3	.0103	6.988	.0967	4.481	.0460	30.16	.0093	.0064	.8926

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0220**	**5.044**	**3.767**	**.0022**	**.2085**	**.0601**	**.5480**	**.1347**
Stddev	.0003	.005	.008	.0023	.0003	.0010	.0006	.0002
%RSD	1.351	.0955	.2041	108.3	.1570	1.705	.1088	.1140
#1	.0223	5.044	3.775	.0020	.2087	.0613	.5478	.1348
#2	.0217	5.039	3.763	-.0001	.2081	.0597	.5475	.1346
#3	.0220	5.048	3.761	.0046	.2086	.0594	.5486	.1345

Zoom In Zoom Out

Sample Name: jd58578-1 Acquired: 1/17/2023 7:06:41 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6558.3**	**106270.**	**13359.**	**2909.8**
Stddev	3.9	205.	137.	3.0
%RSD	.05903	.19318	1.0275	.10166
#1	6559.8	106050.	13503.	2911.2
#2	6561.2	106330.	13343.	2911.8
#3	6553.9	106450.	13230.	2906.4

Zoom In Zoom Out

Sample Name: mp37432-sd1 Acquired: 1/17/2023 7:11:49 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0075**	**85.62**	**.0275**	**.1454**	**.4291**	**.0132**	**.5620**	**862.9**	**.0086**
Stddev	.0036	.35	.0050	.0075	.0023	.0005	.0030	3.3	.0014
%RSD	47.86	.4131	18.04	5.159	.5298	3.787	.5360	.3768	16.13
#1	-.0115	85.21	.0218	.1529	.4266	.0127	.5650	859.2	.0101
#2	-.0059	85.78	.0301	.1456	.4299	.0131	.5619	865.3	.0084
#3	-.0050	85.87	.0305	.1379	.4309	.0137	.5590	864.3	.0074

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5705**	**.0613**	**.2309**	**.1119**	**151.2**	**27.43**	**.1094**	**79.41**	**2.576**
Stddev	.0067	.0026	.0007	.0009	.7	.16	.0089	.48	.005
%RSD	1.182	4.323	.2824	.7796	.4794	.5699	8.118	.6067	.2016
#1	.5762	.0640	.2308	.1114	150.4	27.25	.1077	78.95	2.582
#2	.5631	.0587	.2316	.1114	151.4	27.53	.1191	79.91	2.576
#3	.5723	.0612	.2303	.1129	151.8	27.51	.1015	79.37	2.571

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0187**	**7.306**	**.1001**	**4.441**	**.0563**	**29.42**	**.0183**	**.0027**	**.8621**
Stddev	.0003	.088	.0009	.010	.0061	.02	.0127	.0147	.0227
%RSD	1.375	1.205	.9472	.2228	10.85	.0814	69.60	543.4	2.636
#1	.0186	7.208	.1004	4.451	.0566	29.41	.0302	-.0126	.8445
#2	.0186	7.329	.1009	4.431	.0500	29.45	.0049	.0167	.8541
#3	.0190	7.379	.0990	4.441	.0622	29.41	.0197	.0040	.8878

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0105**	**5.211**	**3.801**	**-.0014**	**.2186**	**.0844**	**.6177**	**.1441**
Stddev	.0002	.019	.008	.0136	.0018	.0070	.0006	.0011
%RSD	1.839	.3603	.2166	944.1	.8315	8.278	.0908	.7818
#1	.0108	5.190	3.811	-.0147	.2204	.0882	.6171	.1454
#2	.0105	5.218	3.798	-.0021	.2168	.0887	.6176	.1439
#3	.0104	5.226	3.796	.0125	.2187	.0763	.6182	.1432

Zoom In Zoom Out

Sample Name: mp37432-sd1 Acquired: 1/17/2023 7:11:49 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6969.9**	**106630.**	**12847.**	**2928.8**
Stddev	8.4	622.	64.	3.4
%RSD	.12103	.58336	.49988	.11574
#1	6963.6	105960.	12889.	2929.1
#2	6966.6	106720.	12774.	2925.2
#3	6979.4	107200.	12880.	2932.0

Zoom In Zoom Out

Sample Name: mp37432-ps1 Acquired: 1/17/2023 7:16:54 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2451**	**111.0**	**2.080**	**2.167**	**2.350**	**1.890**	**.8395**	F **795.1**	**2.042**
Stddev	.0017	.1	.006	.002	.002	.002	.0009	.4	.002
%RSD	.7086	.0762	.2739	.0940	.0843	.1158	.1034	.0474	.0934
#1	.2436	111.1	2.086	2.168	2.351	1.893	.8391	794.7	2.044
#2	.2470	111.1	2.076	2.164	2.347	1.889	.8405	795.1	2.040
#3	.2446	110.9	2.077	2.167	2.350	1.889	.8389	795.4	2.043

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5057**	**2.081**	**2.085**	**2.116**	**162.1**	**55.00**	**.0890**	**96.62**	**4.265**
Stddev	.0013	.002	.002	.003	.3	.05	.0029	.31	.043
%RSD	.2624	.1031	.0966	.1325	.1677	.0980	3.236	.3234	1.015
#1	.5044	2.083	2.083	2.118	162.2	55.04	.0886	96.52	4.278
#2	.5070	2.079	2.084	2.116	162.4	55.01	.0921	96.97	4.216
#3	.5056	2.079	2.087	2.113	161.8	54.94	.0864	96.37	4.300

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.941**	**34.84**	**2.096**	**6.380**	**2.067**	**29.21**	**2.026**	**2.010**	**.9247**
Stddev	.002	.03	.002	.003	.005	.07	.005	.002	.0139
%RSD	.1023	.0890	.0713	.0441	.2258	.2263	.2385	.0821	1.498
#1	1.941	34.87	2.094	6.381	2.071	29.28	2.032	2.012	.9310
#2	1.938	34.82	2.097	6.377	2.068	29.15	2.022	2.009	.9343
#3	1.942	34.83	2.095	6.383	2.062	29.21	2.025	2.011	.9088

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.926**	**6.809**	**5.552**	**1.977**	**2.126**	**1.957**	**2.289**	**2.037**
Stddev	.003	.088	.002	.012	.001	.005	.002	.005
%RSD	.1735	1.287	.0419	.6065	.0491	.2759	.0995	.2684
#1	1.929	6.904	5.551	1.990	2.125	1.951	2.288	2.042
#2	1.926	6.732	5.551	1.967	2.127	1.961	2.291	2.038
#3	1.922	6.793	5.555	1.975	2.125	1.959	2.287	2.031

Zoom In Zoom Out

Sample Name: mp37432-ps1 Acquired: 1/17/2023 7:16:54 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6554.2**	**105940.**	**13318.**	**2887.7**
Stddev	5.5	94.	72.	2.9
%RSD	.08366	.08852	.53737	.10139
#1	6560.2	106040.	13336.	2891.1
#2	6549.5	105860.	13239.	2885.6
#3	6552.9	105900.	13379.	2886.5

Zoom In Zoom Out

Sample Name: jd58578-2 Acquired: 1/17/2023 7:22:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0039**	**99.00**	**.0184**	**.1659**	**.3378**	**.0038**	**.7375**	F **725.6**	**.0005**
Stddev	.0004	.10	.0026	.0005	.0002	.0001	.0001	8.9	.0002
%RSD	9.182	.0971	14.13	.3240	.0552	2.971	.0129	1.221	49.85
#1	-.0041	98.98	.0164	.1663	.3380	.0039	.7375	726.6	.0004
#2	-.0041	98.92	.0214	.1662	.3376	.0037	.7375	733.9	.0007
#3	-.0035	99.10	.0176	.1653	.3379	.0038	.7374	716.3	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1861**	**.1422**	**.0961**	**.1732**	**106.9**	**23.44**	**.0574**	**53.41**	**1.568**
Stddev	.0026	.0008	.0001	.0005	.1	.01	.0016	.02	.001
%RSD	1.375	.5328	.1498	.2806	.1126	.0280	2.818	.0392	.0341
#1	.1880	.1414	.0961	.1728	106.8	23.44	.0577	53.40	1.567
#2	.1872	.1427	.0963	.1737	106.9	23.43	.0557	53.43	1.568
#3	.1832	.1427	.0960	.1730	107.0	23.44	.0589	53.40	1.568

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0056**	**20.52**	**.0585**	**2.616**	**.0384**	**23.46**	**.0096**	**.0004**	**1.507**
Stddev	.0002	.01	.0003	.005	.0017	.03	.0005	.0046	.023
%RSD	3.899	.0322	.4548	.1894	4.449	.1340	5.425	1230.	1.532
#1	.0054	20.53	.0582	2.622	.0403	23.46	.0096	.0049	1.526
#2	.0058	20.52	.0587	2.614	.0371	23.49	.0091	-.0044	1.482
#3	.0057	20.52	.0586	2.613	.0378	23.43	.0101	.0007	1.514

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0224**	**3.947**	**4.951**	**-.0004**	**.3352**	**.1861**	**.1911**	**.1219**
Stddev	.0010	.002	.003	.0020	.0004	.0023	.0006	.0004
%RSD	4.452	.0553	.0544	578.5	.1093	1.258	.3334	.2984
#1	.0216	3.948	4.953	-.0023	.3356	.1862	.1908	.1223
#2	.0236	3.945	4.951	.0018	.3351	.1884	.1919	.1219
#3	.0222	3.949	4.948	-.0005	.3349	.1837	.1907	.1216

Zoom In Zoom Out

Sample Name: jd58578-2 Acquired: 1/17/2023 7:22:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6587.3**	**103500.**	**12882.**	**2829.4**
Stddev	8.0	210.	45.	3.4
%RSD	.12080	.20287	.34762	.12106
#1	6595.9	103730.	12931.	2832.8
#2	6580.2	103440.	12843.	2826.0
#3	6585.9	103320.	12874.	2829.3

Zoom In Zoom Out

Sample Name: jd58578-3 Acquired: 1/17/2023 7:27:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0037**	**98.98**	**.0171**	**.1654**	**.3173**	**.0039**	**.8758**	F **673.6**	**.0010**
Stddev	.0004	.03	.0028	.0006	.0009	.0000	.0012	2.1	.0004
%RSD	10.66	.0312	16.27	.3372	.2796	1.247	.1332	.3183	38.27
#1	-.0032	99.01	.0178	.1655	.3179	.0039	.8745	671.2	.0006
#2	-.0038	98.98	.0141	.1660	.3177	.0039	.8766	674.3	.0010
#3	-.0040	98.95	.0195	.1649	.3163	.0038	.8764	675.4	.0013

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1938**	**.1191**	**.1103**	**.2141**	**121.6**	**18.25**	**.0567**	**51.13**	**1.838**
Stddev	.0044	.0007	.0003	.0002	.0	.04	.0009	.09	.004
%RSD	2.251	.5919	.2595	.0820	.0216	.2131	1.551	.1683	.2138
#1	.1959	.1183	.1105	.2139	121.7	18.26	.0567	51.11	1.834
#2	.1888	.1197	.1105	.2143	121.6	18.21	.0576	51.23	1.838
#3	.1968	.1194	.1100	.2140	121.6	18.29	.0558	51.06	1.841

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0064**	**18.13**	**.0678**	**2.792**	**.0553**	**21.99**	**.0090**	**.0026**	**1.204**
Stddev	.0003	.02	.0003	.000	.0005	.05	.0009	.0048	.022
%RSD	4.598	.1300	.5024	.0130	.8521	.2074	9.543	181.3	1.849
#1	.0065	18.15	.0678	2.792	.0549	21.94	.0091	.0059	1.189
#2	.0067	18.14	.0682	2.793	.0558	22.03	.0080	-.0029	1.230
#3	.0061	18.11	.0675	2.792	.0550	22.01	.0097	.0049	1.194

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0219**	**3.539**	**5.926**	**.0010**	**.4089**	**.1519**	**.2198**	**.1260**
Stddev	.0011	.007	.008	.0009	.0014	.0013	.0007	.0001
%RSD	5.091	.2109	.1290	89.94	.3349	.8776	.3356	.0876
#1	.0214	3.545	5.917	-.0000	.4073	.1528	.2196	.1259
#2	.0211	3.541	5.930	.0013	.4098	.1504	.2206	.1259
#3	.0231	3.531	5.930	.0018	.4095	.1527	.2191	.1261

Zoom In Zoom Out

Sample Name: jd58578-3 Acquired: 1/17/2023 7:27:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6647.3**	**104460.**	**13057.**	**2859.6**
Stddev	4.3	379.	42.	3.6
%RSD	.06436	.36244	.31881	.12448
#1	6651.8	104840.	13089.	2862.4
#2	6643.3	104440.	13073.	2855.6
#3	6646.6	104090.	13010.	2860.8

Zoom In Zoom Out

Sample Name: jd58578-4 Acquired: 1/17/2023 7:32:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0041**	**85.52**	**.0183**	**.1643**	**.3794**	**.0038**	**.6243**	F **814.0**	**.0009**
Stddev	.0002	.02	.0022	.0003	.0003	.0000	.0060	6.5	.0002
%RSD	5.621	.0176	12.19	.1694	.0750	.3743	.9560	.8002	21.76
#1	-.0039	85.54	.0199	.1646	.3791	.0038	.6223	819.1	.0009
#2	-.0041	85.52	.0191	.1640	.3796	.0038	.6197	816.4	.0007
#3	-.0043	85.51	.0157	.1642	.3795	.0038	.6311	806.7	.0010

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1695**	**.0869**	**.1074**	**.1320**	**82.40**	**16.12**	**.0553**	**56.48**	**1.429**
Stddev	.0011	.0005	.0010	.0007	.03	.06	.0007	.10	.009
%RSD	.6275	.5904	.9214	.5413	.0395	.3864	1.266	.1822	.6052
#1	.1690	.0874	.1067	.1314	82.41	16.16	.0546	56.60	1.423
#2	.1687	.0869	.1069	.1318	82.36	16.05	.0560	56.43	1.426
#3	.1707	.0864	.1085	.1328	82.42	16.15	.0553	56.41	1.439

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0051**	**13.08**	**.0540**	**2.212**	**.0381**	**28.11**	**.0078**	**-.0015**	**.9217**
Stddev	.0002	.02	.0001	.006	.0018	.06	.0008	.0020	.0030
%RSD	3.209	.1672	.2525	.2958	4.604	.2291	10.67	135.1	.3220
#1	.0049	13.06	.0541	2.205	.0364	28.04	.0086	-.0020	.9188
#2	.0052	13.08	.0541	2.213	.0379	28.15	.0077	-.0032	.9215
#3	.0051	13.10	.0539	2.218	.0399	28.15	.0070	.0007	.9247

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0235**	**4.467**	**4.193**	**.0035**	**.2056**	**.0793**	**.1962**	**.1336**
Stddev	.0007	.001	.027	.0025	.0013	.0009	.0012	.0009
%RSD	2.789	.0239	.6347	70.79	.6485	1.154	.5948	.6925
#1	.0230	4.468	4.172	.0025	.2043	.0796	.1956	.1326
#2	.0232	4.466	4.182	.0017	.2058	.0782	.1956	.1336
#3	.0242	4.466	4.223	.0064	.2069	.0800	.1976	.1345

Zoom In Zoom Out

Sample Name: jd58578-4 Acquired: 1/17/2023 7:32:26 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6535.4**	**103060.**	**12947.**	**2811.6**
Stddev	6.3	499.	73.	5.2
%RSD	.09628	.48383	.56041	.18669
#1	6542.6	103340.	12870.	2816.8
#2	6531.1	103350.	12958.	2811.7
#3	6532.5	102480.	13014.	2806.3

Zoom In Zoom Out

Sample Name: jd58578-5 Acquired: 1/17/2023 7:37:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0043**	**85.58**	**.0387**	**.0619**	**.8862**	**.0042**	**1.076**	F **781.0**
Stddev	.0001	.50	.0002	.0006	.0049	.0001	.001	18.1
%RSD	3.243	.5835	.6395	.9292	.5583	1.616	.1148	2.323
#1	-.0045	86.15	.0389	.0612	.8919	.0042	1.077	795.3
#2	-.0043	85.38	.0385	.0620	.8840	.0043	1.077	787.2
#3	-.0042	85.21	.0389	.0623	.8828	.0042	1.075	760.6

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**.2931**	**.1252**	**1.187**	**.5252**	**145.6**	**28.10**	**.0688**
Stddev	.0001	.0050	.0009	.001	.0011	.8	.08	.0012
%RSD	10.05	1.714	.6809	.0683	.2016	.5743	.2709	1.681
#1	.0015	.2976	.1255	1.188	.5245	146.6	28.19	.0693
#2	.0013	.2877	.1258	1.188	.5265	145.3	28.06	.0675
#3	.0016	.2939	.1242	1.186	.5248	145.0	28.06	.0696

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**66.95**	**3.276**	**.0570**	**5.779**	**.3436**	**3.797**	**.2752**	**25.36**
Stddev	.46	.003	.0003	.037	.0007	.012	.0006	.03
%RSD	.6817	.0839	.4468	.6405	.2136	.3019	.2330	.1288
#1	67.47	3.275	.0572	5.822	.3439	3.805	.2746	25.39
#2	66.78	3.279	.0567	5.759	.3428	3.803	.2751	25.35
#3	66.61	3.274	.0570	5.757	.3442	3.784	.2759	25.33

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0147**	**-.0016**	**1.026**	**.0390**	**.4626**	**7.283**	F **-.0051**	**.5797**
Stddev	.0014	.0009	.005	.0005	.0028	.006	.0004	.0003
%RSD	9.793	57.58	.5296	1.158	.6012	.0782	8.638	.0501
#1	.0130	-.0006	1.025	.0388	.4659	7.281	-.0047	.5794
#2	.0154	-.0018	1.032	.0387	.4609	7.289	-.0050	.5800
#3	.0157	-.0024	1.021	.0395	.4612	7.278	-.0056	.5798

Zoom In Zoom Out

Sample Name: jd58578-5 Acquired: 1/17/2023 7:37:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.1343**	**.6787**	**.1210**
Stddev	.0007	.0009	.0002
%RSD	.5134	.1356	.1591
#1	.1349	.6792	.1212
#2	.1345	.6793	.1210
#3	.1336	.6776	.1208

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6595.4**	**102820.**	**12686.**	**2796.1**
Stddev	7.1	178.	28.	4.3
%RSD	.10704	.17338	.22038	.15366
#1	6588.4	102900.	12664.	2792.7
#2	6595.3	102610.	12675.	2794.6
#3	6602.5	102940.	12717.	2800.9

Zoom In Zoom Out

Sample Name: jd58578-6 Acquired: 1/17/2023 7:42:46 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0046**	**93.59**	**.0459**	**.0746**	**.9654**	**.0049**	**1.159**	F **913.0**	**.0013**
Stddev	.0003	.10	.0006	.0028	.0022	.0001	.001	8.2	.0002
%RSD	7.548	.1065	1.313	3.732	.2254	2.530	.0871	.8933	17.27
#1	-.0045	93.50	.0465	.0748	.9631	.0048	1.159	917.5	.0011
#2	-.0043	93.70	.0453	.0717	.9658	.0050	1.158	918.0	.0014
#3	-.0050	93.57	.0458	.0772	.9674	.0050	1.160	903.6	.0015

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3680**	**.1312**	**1.039**	**.5784**	**133.8**	**28.74**	**.0712**	**61.72**	**3.676**
Stddev	.0026	.0005	.003	.0013	.2	.02	.0016	.04	.006
%RSD	.7056	.3541	.2449	.2199	.1174	.0590	2.257	.0698	.1627
#1	.3655	.1307	1.039	.5778	133.9	28.74	.0694	61.72	3.676
#2	.3678	.1313	1.036	.5775	133.8	28.73	.0717	61.68	3.671
#3	.3707	.1316	1.041	.5798	133.6	28.76	.0725	61.77	3.683

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0687**	**6.605**	**.3210**	**2.887**	**.3395**	**29.81**	**.0129**	**.0030**	**.8488**
Stddev	.0003	.018	.0003	.005	.0024	.05	.0007	.0005	.0028
%RSD	.3936	.2720	.0884	.1848	.7057	.1519	5.518	17.04	.3356
#1	.0684	6.607	.3211	2.893	.3406	29.86	.0126	.0026	.8467
#2	.0687	6.586	.3213	2.884	.3412	29.79	.0137	.0036	.8478
#3	.0689	6.622	.3207	2.884	.3368	29.77	.0123	.0029	.8521

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0446**	**.5684**	**7.892**	**-.0002**	**.6409**	**.1306**	**.9222**	**.1645**
Stddev	.0006	.0012	.010	.0031	.0011	.0005	.0009	.0002
%RSD	1.237	.2166	.1235	1839.	.1726	.3821	.0953	.1300
#1	.0445	.5684	7.888	.0034	.6414	.1312	.9225	.1643
#2	.0441	.5672	7.885	-.0026	.6396	.1302	.9212	.1644
#3	.0452	.5697	7.903	-.0013	.6416	.1305	.9229	.1647

Zoom In Zoom Out

Sample Name: jd58578-6 Acquired: 1/17/2023 7:42:46 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6550.2**	**103830.**	**12929.**	**2813.7**
Stddev	5.9	434.	88.	1.6
%RSD	.08975	.41822	.67772	.05533
#1	6554.8	103690.	12849.	2813.3
#2	6552.1	104320.	12916.	2815.4
#3	6543.5	103480.	13023.	2812.4

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 7:47:55 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2603**	**41.05**	**2.137**	**2.129**	**2.076**	**1.996**	**2.067**	**38.69**	**2.089**
Stddev	.0008	.04	.003	.003	.001	.002	.002	.03	.001
%RSD	.3147	.0856	.1260	.1368	.0429	.1050	.0931	.0734	.0582
#1	.2604	41.09	2.138	2.130	2.075	1.996	2.068	38.72	2.089
#2	.2610	41.03	2.140	2.130	2.077	1.998	2.068	38.67	2.090
#3	.2594	41.02	2.134	2.125	2.075	1.994	2.065	38.68	2.088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.057**	**2.098**	**2.023**	**2.017**	**38.14**	**41.75**	**2.120**	**38.72**	**2.088**
Stddev	.008	.001	.003	.002	.01	.08	.004	.08	.004
%RSD	.3729	.0237	.1230	.0825	.0216	.1820	.1709	.1994	.1884
#1	2.062	2.099	2.022	2.018	38.13	41.84	2.123	38.80	2.088
#2	2.062	2.098	2.026	2.018	38.14	41.73	2.116	38.65	2.092
#3	2.049	2.098	2.021	2.015	38.15	41.69	2.121	38.72	2.084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.159**	**42.08**	**2.084**	**2.126**	**2.107**	**2.116**	**2.128**	**2.071**	**5.087**
Stddev	.003	.02	.001	.002	.005	.004	.004	.002	.002
%RSD	.1197	.0398	.0387	.1102	.2194	.1638	.1905	.1129	.0405
#1	2.160	42.08	2.083	2.128	2.107	2.118	2.124	2.069	5.085
#2	2.161	42.10	2.084	2.123	2.111	2.117	2.131	2.074	5.089
#3	2.156	42.07	2.083	2.126	2.102	2.112	2.131	2.070	5.087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 7:47:55 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.181**	**2.121**	**2.086**	**2.100**	**2.036**	**2.177**	**1.982**	**2.063**
Stddev	.001	.001	.002	.007	.005	.005	.003	.004
%RSD	.0631	.0535	.0973	.3384	.2707	.2274	.1416	.2026
#1	2.182	2.120	2.086	2.103	2.035	2.179	1.981	2.063
#2	2.181	2.122	2.088	2.106	2.042	2.181	1.985	2.067
#3	2.179	2.120	2.084	2.092	2.031	2.171	1.980	2.059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7006.0**	**105870.**	**12561.**	**2901.2**
Stddev	8.8	350.	52.	4.7
%RSD	.12545	.33058	.41734	.16354
#1	7003.3	105830.	12513.	2899.7
#2	6998.8	105540.	12617.	2897.5
#3	7015.8	106240.	12553.	2906.6

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 7:52:46 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0008**	**-.0007**	**.0032**	**.0004**	**-.0000**	**-.0007**	**-.0033**
Stddev	.0002	.0112	.0010	.0004	.0003	.0000	.0001	.0017
%RSD	18.65	1461.	137.3	10.96	80.39	418.5	16.15	51.64
#1	-.0011	-.0069	-.0003	.0028	.0000	-.0000	-.0006	-.0044
#2	-.0013	.0136	-.0019	.0034	.0005	.0000	-.0008	-.0042
#3	-.0016	-.0044	.0000	.0035	.0006	.0000	-.0007	-.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**-.0004**	**-.0001**	**-.0001**	**-.0004**	**.0011**	**-.0715**	**.0019**
Stddev	.0001	.0019	.0002	.0001	.0001	.0034	.0308	.0003
%RSD	378.8	531.6	324.0	89.40	17.69	309.6	43.12	16.58
#1	.0001	-.0006	-.0002	-.0002	-.0003	-.0028	-.1059	.0020
#2	-.0001	.0017	-.0001	-.0001	-.0005	.0031	-.0462	.0022
#3	-.0000	-.0022	.0001	-.0000	-.0005	.0030	-.0625	.0016
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0133**	**-.0000**	**.0005**	**.0605**	**.0001**	F **-.0066**	**.0000**	**.0012**
Stddev	.0106	.0000	.0004	.0027	.0003	.0012	.0010	.0003
%RSD	79.42	145.6	66.28	4.410	393.0	17.46	2313.	24.68
#1	-.0120	-.0000	.0009	.0604	.0002	-.0058	-.0010	.0010
#2	-.0034	.0000	.0004	.0579	.0003	-.0080	.0010	.0011
#3	-.0244	-.0001	.0002	.0632	-.0003	-.0062	.0001	.0015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 7:52:46 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**.0005**	**.0013**	**.0002**	**.0001**	**.0004**	**.0006**	**-.0001**
Stddev	.0003	.0014	.0010	.0008	.0000	.0002	.0016	.0005
%RSD	19.48	294.4	76.70	453.6	47.60	38.69	285.4	368.3
#1	.0017	-.0008	.0002	-.0007	.0001	.0003	-.0011	-.0003
#2	.0017	.0002	.0022	.0003	.0001	.0006	.0006	-.0005
#3	.0012	.0021	.0017	.0010	.0000	.0004	.0021	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0037**	**-.0008**	**.0002**
Stddev	.0002	.0001	.0001
%RSD	6.287	9.483	35.26
#1	.0035	-.0008	.0002
#2	.0040	-.0007	.0003
#3	.0037	-.0008	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7265.9**	**109230.**	**12572.**	**2967.3**
Stddev	5.3	106.	52.	.8
%RSD	.07244	.09733	.41047	.02675
#1	7262.0	109110.	12628.	2966.5
#2	7263.8	109270.	12565.	2967.3
#3	7271.9	109310.	12525.	2968.1

Zoom In Zoom Out

Sample Name: jd58578-7 Acquired: 1/17/2023 7:58:00 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0031**	**62.67**	**.0783**	**.0653**	**.3448**	**.0032**	**.6536**	F **749.4**	**.0003**
Stddev	.0001	.12	.0011	.0021	.0004	.0001	.0017	.2	.0002
%RSD	3.610	.1899	1.459	3.246	.1062	2.383	.2599	.0239	55.89
#1	-.0030	62.80	.0771	.0631	.3449	.0032	.6554	749.2	.0002
#2	-.0033	62.65	.0794	.0654	.3451	.0033	.6532	749.5	.0002
#3	-.0031	62.57	.0784	.0674	.3444	.0032	.6521	749.6	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3148**	**.1075**	**1.021**	**.1562**	**82.79**	**22.56**	**.0486**	**34.10**	**1.935**
Stddev	.0043	.0004	.001	.0001	.16	.04	.0006	.04	.003
%RSD	1.365	.3416	.0539	.0907	.1955	.1779	1.274	.1313	.1688
#1	.3109	.1071	1.021	.1563	82.94	22.60	.0493	34.13	1.938
#2	.3141	.1076	1.020	.1561	82.83	22.54	.0481	34.12	1.932
#3	.3194	.1078	1.021	.1563	82.62	22.53	.0483	34.05	1.936

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0097**	**5.939**	**.1684**	**3.573**	**.0311**	**23.24**	**.0102**	**.0045**	**.7020**
Stddev	.0002	.011	.0008	.009	.0004	.06	.0017	.0017	.0102
%RSD	1.621	.1770	.4726	.2390	1.401	.2400	16.73	36.97	1.452
#1	.0098	5.950	.1675	3.563	.0315	23.18	.0088	.0051	.6911
#2	.0099	5.929	.1690	3.578	.0307	23.29	.0098	.0057	.7112
#3	.0096	5.937	.1686	3.578	.0310	23.25	.0121	.0026	.7038

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0184**	**1.891**	**4.416**	**-.0007**	**.1610**	**.1808**	**.2052**	**.1099**
Stddev	.0005	.004	.003	.0009	.0002	.0014	.0006	.0004
%RSD	2.584	.2359	.0691	138.9	.1219	.7741	.3154	.3223
#1	.0184	1.894	4.419	-.0012	.1612	.1814	.2048	.1095
#2	.0188	1.892	4.413	-.0012	.1608	.1792	.2060	.1100
#3	.0179	1.886	4.416	.0004	.1611	.1817	.2049	.1101

Zoom In Zoom Out

Sample Name: jd58578-7 Acquired: 1/17/2023 7:58:00 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6573.3**	**104550.**	**12916.**	**2840.2**
Stddev	18.5	340.	49.	10.7
%RSD	.28162	.32510	.37611	.37798
#1	6593.8	104280.	12865.	2852.6
#2	6557.7	104930.	12923.	2833.2
#3	6568.4	104430.	12961.	2834.9

Zoom In Zoom Out

Sample Name: jd58578-8 Acquired: 1/17/2023 8:03:06 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **-.0055**	**72.89**	**.0946**	**.0834**	**.4256**	**.0035**	**.6770**	F **950.5**
Stddev	.0001	.08	.0014	.0018	.0010	.0000	.0014	7.6
%RSD	2.004	.1057	1.488	2.110	.2281	.7187	.2119	.7968
#1	-.0056	72.92	.0942	.0821	.4250	.0036	.6778	954.1
#2	-.0054	72.80	.0961	.0854	.4252	.0035	.6753	955.7
#3	-.0055	72.93	.0934	.0827	.4268	.0036	.6778	941.8

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**.2169**	**.0432**	**1.274**	**.2565**	**85.82**	**24.20**	**.0469**
Stddev	.0004	.0004	.0003	.001	.0005	.06	.04	.0017
%RSD	28.06	.1702	.7058	.0414	.1984	.0731	.1551	3.698
#1	.0019	.2165	.0433	1.275	.2559	85.86	24.20	.0469
#2	.0010	.2169	.0435	1.274	.2566	85.75	24.17	.0452
#3	.0015	.2172	.0429	1.274	.2569	85.85	24.24	.0487

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**39.15**	**2.304**	**.0124**	**7.049**	**.2118**	**2.185**	**.0393**	**30.29**
Stddev	.05	.002	.0001	.003	.0020	.018	.0016	.17
%RSD	.1289	.0719	.4945	.0375	.9251	.8015	4.087	.5705
#1	39.20	2.304	.0124	7.052	.2134	2.198	.0409	30.41
#2	39.13	2.303	.0123	7.048	.2125	2.193	.0377	30.36
#3	39.11	2.306	.0124	7.047	.2096	2.165	.0394	30.09

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**.0012**	**.5657**	**.0211**	**2.586**	**4.530**	**.0072**	**.1814**
Stddev	.0014	.0024	.0040	.0016	.004	.002	.0015	.0005
%RSD	99.70	204.7	.7136	7.800	.1417	.0492	20.57	.2938
#1	.0028	-.0003	.5687	.0198	2.588	4.529	.0088	.1817
#2	.0000	-.0002	.5611	.0205	2.581	4.528	.0071	.1808
#3	.0013	.0039	.5672	.0230	2.588	4.532	.0058	.1817

Zoom In Zoom Out

Sample Name: jd58578-8 Acquired: 1/17/2023 8:03:06 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0105**	**.2257**	**.1424**
Stddev	.0007	.0020	.0003
%RSD	7.047	.8842	.2357
#1	.0102	.2271	.1421
#2	.0114	.2266	.1427
#3	.0100	.2234	.1424

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6514.1**	**103050.**	**12847.**	**2803.4**
Stddev	45.7	35.	52.	21.9
%RSD	.70177	.03439	.40833	.78001
#1	6480.7	103040.	12799.	2786.5
#2	6495.3	103090.	12838.	2795.5
#3	6566.2	103020.	12903.	2828.1

Zoom In Zoom Out

Sample Name: jd58578-9 Acquired: 1/17/2023 8:08:14 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0047**	**82.87**	**.0398**	**.0656**	**.8407**	**.0043**	**.9885**	F **777.9**	**.0010**
Stddev	.0007	.25	.0008	.0007	.0022	.0001	.0018	2.6	.0004
%RSD	15.72	.2992	2.121	.9926	.2575	1.410	.1781	.3393	41.90
#1	-.0041	82.66	.0392	.0658	.8389	.0043	.9895	775.4	.0012
#2	-.0055	82.81	.0394	.0649	.8402	.0043	.9895	777.7	.0014
#3	-.0045	83.14	.0407	.0662	.8431	.0042	.9864	780.7	.0005

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3452**	**.1444**	**.8902**	**.4957**	**133.7**	**24.35**	**.0763**	**57.01**	**3.283**
Stddev	.0014	.0005	.0004	.0011	.5	.07	.0014	.20	.001
%RSD	.4126	.3504	.0490	.2266	.3716	.2810	1.899	.3593	.0319
#1	.3447	.1439	.8897	.4956	133.3	24.28	.0769	56.84	3.284
#2	.3468	.1447	.8905	.4968	133.6	24.35	.0773	56.95	3.283
#3	.3441	.1448	.8905	.4946	134.3	24.42	.0746	57.24	3.282

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0604**	**5.148**	**.2754**	**2.770**	**.2909**	**23.39**	**.0151**	**.0012**	**.9757**
Stddev	.0002	.029	.0008	.001	.0008	.05	.0009	.0016	.0070
%RSD	.2589	.5650	.2893	.0382	.2675	.1935	6.209	135.6	.7132
#1	.0606	5.114	.2758	2.771	.2901	23.35	.0146	.0004	.9836
#2	.0604	5.161	.2744	2.769	.2916	23.39	.0145	.0031	.9729
#3	.0603	5.167	.2759	2.771	.2910	23.44	.0162	.0001	.9705

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0384**	**.4777**	**6.794**	**.0003**	**.5421**	**.1255**	**.6578**	**.1444**
Stddev	.0013	.0007	.003	.0020	.0007	.0012	.0012	.0006
%RSD	3.454	.1551	.0366	759.8	.1292	.9475	.1759	.4304
#1	.0376	.4775	6.797	.0024	.5427	.1242	.6585	.1451
#2	.0399	.4770	6.795	.0000	.5414	.1258	.6564	.1439
#3	.0377	.4785	6.792	-.0016	.5423	.1266	.6584	.1442

Zoom In Zoom Out

Sample Name: jd58578-9 Acquired: 1/17/2023 8:08:14 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6618.6**	**104600.**	**12990.**	**2846.5**
Stddev	14.6	142.	97.	5.0
%RSD	.22032	.13554	.74626	.17710
#1	6605.4	104620.	13040.	2841.3
#2	6634.3	104740.	13053.	2851.4
#3	6616.2	104460.	12879.	2846.8

Zoom In Zoom Out

Sample Name: jd58634-6 Acquired: 1/17/2023 8:13:20 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**2.246**	**.0044**	**.4669**	**.0724**	**.0001**	**.0114**	**78.14**
Stddev	.0002	.009	.0013	.0014	.0001	.0000	.0013	.09
%RSD	18.76	.4143	28.77	.3043	.0867	13.84	11.19	.1147
#1	-.0011	2.252	.0058	.4659	.0724	.0001	.0128	78.07
#2	-.0008	2.235	.0033	.4686	.0724	.0001	.0112	78.11
#3	-.0012	2.250	.0041	.4664	.0723	.0001	.0103	78.24

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0165**	**.0009**	**.0042**	**.0133**	**11.35**	**17.81**	**.0164**
Stddev	.0002	.0022	.0002	.0002	.0001	.01	.05	.0014
%RSD	121.7	13.59	24.67	4.470	.5644	.1101	.2654	8.512
#1	.0001	.0179	.0008	.0040	.0133	11.35	17.79	.0173
#2	.0004	.0177	.0011	.0043	.0133	11.33	17.77	.0148
#3	.0001	.0139	.0007	.0043	.0132	11.36	17.86	.0170

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.68**	**1.424**	**.0008**	**131.4**	**.0036**	**1.057**	**.0179**	**.9678**
Stddev	.07	.005	.0002	.1	.0005	.006	.0007	.0044
%RSD	.3305	.3399	22.98	.0681	14.85	.6086	3.652	.4532
#1	22.73	1.430	.0006	131.5	.0032	1.055	.0185	.9722
#2	22.72	1.422	.0010	131.3	.0042	1.065	.0172	.9679
#3	22.59	1.421	.0009	131.5	.0034	1.052	.0180	.9634

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023**	**-.0024**	**22.45**	**-.0030**	**.4896**	**.0846**	**.0030**	**.0081**
Stddev	.0018	.0026	.08	.0009	.0002	.0005	.0012	.0003
%RSD	79.00	109.5	.3517	31.02	.0495	.5972	41.89	3.410
#1	.0037	-.0002	22.44	-.0040	.4895	.0844	.0020	.0084
#2	.0029	-.0053	22.53	-.0021	.4894	.0842	.0044	.0079
#3	.0003	-.0017	22.37	-.0031	.4899	.0851	.0025	.0079

Zoom In Zoom Out

Sample Name: jd58634-6 Acquired: 1/17/2023 8:13:20 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0020**	**.1266**	F **-.0129**
Stddev	.0015	.0006	.0001
%RSD	72.97	.4428	.8547
#1	.0004	.1260	-.0129
#2	.0022	.1271	-.0131
#3	.0033	.1266	-.0128

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6937.2**	**106040.**	**12661.**	**2890.9**
Stddev	12.2	515.	25.	6.3
%RSD	.17524	.48592	.19922	.21626
#1	6951.1	105480.	12686.	2895.6
#2	6929.0	106170.	12661.	2883.8
#3	6931.4	106480.	12635.	2893.3

Zoom In Zoom Out

Sample Name: jd58642-1 Acquired: 1/17/2023 8:18:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0027**	**.6909**	**.0076**	**.3446**	**.2240**	**.0001**	**.0029**	**56.47**	**.0002**
Stddev	.0004	.0269	.0015	.0008	.0006	.0000	.0026	.07	.0005
%RSD	15.76	3.894	19.99	.2266	.2464	22.82	87.89	.1167	295.4
#1	-.0031	.6689	.0079	.3437	.2234	.0001	.0052	56.46	.0004
#2	-.0027	.7209	.0060	.3452	.2240	.0002	.0034	56.54	.0005
#3	-.0022	.6828	.0090	.3448	.2245	.0002	.0001	56.41	-.0004

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0070**	**-.0011**	**.0005**	**.0099**	**1.689**	**58.83**	**.0104**	**12.58**	**.2633**
Stddev	.0023	.0006	.0005	.0005	.010	.18	.0019	.04	.0018
%RSD	32.63	54.64	90.13	5.248	.6082	.3127	18.52	.3472	.6701
#1	.0097	-.0014	.0007	.0097	1.677	58.63	.0088	12.59	.2616
#2	.0061	-.0013	.0008	.0105	1.696	58.89	.0125	12.62	.2632
#3	.0054	-.0004	-.0000	.0095	1.693	58.98	.0098	12.53	.2651

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040**	**219.2**	**.0019**	**.4146**	**.0089**	**.9592**	**.0036**	**-.0013**	**6.047**
Stddev	.0009	.2	.0009	.0080	.0012	.0067	.0005	.0081	.010
%RSD	22.46	.0812	47.28	1.933	13.58	.7003	15.15	609.0	.1595
#1	.0037	219.1	.0010	.4182	.0095	.9586	.0040	.0019	6.051
#2	.0033	219.4	.0019	.4201	.0075	.9661	.0030	.0046	6.036
#3	.0050	219.1	.0028	.4054	.0097	.9527	.0037	-.0105	6.054

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0031**	**.7161**	**.0150**	**-.0002**	**.0015**	**.0230**	**.0095**	**-.0028**
Stddev	.0021	.0007	.0007	.0011	.0005	.0025	.0000	.0002
%RSD	68.88	.0997	4.857	564.9	32.40	11.07	.2880	8.062
#1	-.0051	.7164	.0144	.0003	.0020	.0207	.0094	-.0026
#2	-.0009	.7167	.0147	.0006	.0011	.0257	.0095	-.0031
#3	-.0031	.7153	.0158	-.0014	.0014	.0226	.0095	-.0029

Zoom In Zoom Out

Sample Name: jd58642-1 Acquired: 1/17/2023 8:18:23 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7041.7**	**107630.**	**12813.**	**2931.0**
Stddev	13.0	566.	43.	3.2
%RSD	.18415	.52554	.33510	.11055
#1	7044.9	108030.	12771.	2933.2
#2	7027.4	107880.	12812.	2927.3
#3	7052.7	106990.	12857.	2932.6

Zoom In Zoom Out

Sample Name: jd58642-3 Acquired: 1/17/2023 8:23:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0028**	**.1792**	**.0041**	**.8518**	**.2036**	**.0001**	**.0016**	**127.0**	**.0006**
Stddev	.0008	.0134	.0018	.0102	.0009	.0001	.0008	.2	.0001
%RSD	27.73	7.457	44.60	1.192	.4580	152.7	48.79	.1355	21.22
#1	-.0036	.1692	.0047	.8463	.2042	-.0000	.0012	127.0	.0005
#2	-.0021	.1740	.0021	.8635	.2041	.0002	.0025	127.2	.0006
#3	-.0027	.1944	.0057	.8455	.2026	.0001	.0011	126.8	.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0147**	**-.0016**	**.0009**	**.0052**	**13.88**	**26.30**	**.0426**	**28.18**	**.6211**
Stddev	.0040	.0005	.0002	.0003	.06	.07	.0025	.07	.0014
%RSD	26.85	29.99	22.23	5.790	.4281	.2696	5.917	.2438	.2325
#1	.0193	-.0019	.0008	.0051	13.83	26.22	.0453	28.24	.6221
#2	.0122	-.0010	.0008	.0050	13.95	26.36	.0422	28.21	.6195
#3	.0127	-.0018	.0011	.0056	13.87	26.32	.0403	28.11	.6218

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**205.0**	**.0004**	**1.226**	**.0158**	**.4771**	**.0028**	**-.0044**	**14.72**
Stddev	.0005	.2	.0008	.012	.0024	.0058	.0029	.0024	.17
%RSD	197.4	.1070	172.9	.9606	14.94	1.213	104.8	56.20	1.127
#1	.0003	204.8	.0003	1.219	.0143	.4754	.0062	-.0040	14.59
#2	-.0003	205.2	.0013	1.240	.0146	.4836	.0007	-.0069	14.90
#3	.0008	204.9	-.0002	1.220	.0185	.4724	.0016	-.0021	14.66

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0040**	**1.204**	**.0061**	**.0042**	**.0005**	**.0018**	**.0056**	**-.0092**
Stddev	.0016	.001	.0004	.0053	.0002	.0014	.0003	.0004
%RSD	40.86	.1117	7.355	126.4	41.51	76.63	5.186	4.234
#1	-.0042	1.205	.0060	.0006	.0005	.0018	.0058	-.0096
#2	-.0022	1.204	.0056	.0103	.0008	.0031	.0057	-.0091
#3	-.0054	1.203	.0065	.0017	.0003	.0004	.0053	-.0088

Zoom In Zoom Out

Sample Name: jd58642-3 Acquired: 1/17/2023 8:23:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6996.6**	**107130.**	**12594.**	**2902.0**
Stddev	72.8	219.	80.	31.0
%RSD	1.0406	.20413	.63572	1.0672
#1	7031.7	107040.	12629.	2917.5
#2	6912.9	107380.	12502.	2866.4
#3	7045.2	106970.	12650.	2922.3

Zoom In Zoom Out

Sample Name: jd58634-5 Acquired: 1/17/2023 8:28:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0020**	**.1970**	**.0076**	**.2011**	**.0525**	**-.0001**	**-.0018**	**17.73**	**.0001**
Stddev	.0007	.0142	.0038	.0023	.0003	.0000	.0009	.05	.0003
%RSD	35.20	7.208	49.78	1.146	.5546	40.25	51.72	.2737	296.2
#1	-.0022	.1866	.0059	.2033	.0528	-.0001	-.0028	17.77	-.0003
#2	-.0013	.1913	.0049	.1987	.0523	-.0002	-.0016	17.75	.0004
#3	-.0027	.2132	.0119	.2012	.0523	-.0001	-.0010	17.68	.0002

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0098**	**-.0003**	**.0007**	**.0011**	**5.403**	**1.542**	**.0075**	**2.281**	**3.067**
Stddev	.0041	.0004	.0006	.0007	.021	.071	.0026	.018	.005
%RSD	41.24	125.0	87.11	65.15	.3966	4.591	35.12	.7881	.1617
#1	.0116	-.0005	.0014	.0009	5.418	1.460	.0104	2.260	3.065
#2	.0127	.0001	.0005	.0005	5.412	1.580	.0068	2.295	3.073
#3	.0052	-.0007	.0002	.0019	5.378	1.586	.0053	2.286	3.065

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**225.1**	**.0007**	**.6057**	**.0076**	**.7214**	**.0030**	**-.0015**	**10.99**
Stddev	.0005	.3	.0015	.0052	.0022	.0028	.0040	.0010	.04
%RSD	36.19	.1499	210.2	.8605	28.88	.3930	131.3	65.97	.3856
#1	.0009	225.4	.0025	.6116	.0075	.7246	.0028	-.0025	11.03
#2	.0013	225.3	-.0004	.6016	.0098	.7196	.0072	-.0005	10.96
#3	.0019	224.8	.0001	.6039	.0054	.7199	-.0008	-.0014	10.96

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0675**	**.0112**	**.0032**	**.0051**	**.0027**	**.0032**	**-.0068**
Stddev	.0010	.0002	.0002	.0022	.0006	.0011	.0004	.0003
%RSD	15740.	.3139	1.788	69.69	11.88	39.44	13.87	4.069
#1	-.0005	.0676	.0110	.0050	.0045	.0023	.0037	-.0067
#2	-.0006	.0676	.0113	.0007	.0057	.0019	.0029	-.0066
#3	.0011	.0673	.0113	.0039	.0051	.0039	.0030	-.0071

Zoom In Zoom Out

Sample Name: jd58634-5 Acquired: 1/17/2023 8:28:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 2.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7073.9**	**107970.**	**12716.**	**2930.9**
Stddev	17.7	341.	60.	8.0
%RSD	.24986	.31611	.47428	.27259
#1	7053.5	108140.	12696.	2921.8
#2	7084.9	107570.	12784.	2936.5
#3	7083.3	108180.	12669.	2934.5

Zoom In Zoom Out

Sample Name: mp37450-mb1 Acquired: 1/17/2023 8:33:44 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0045**	**-.0002**	**.0015**	**.0004**	**.0000**	**-.0009**	**.0168**
Stddev	.0002	.0152	.0011	.0012	.0002	.0001	.0013	.0051
%RSD	34.34	334.1	556.8	78.39	36.15	795.1	140.0	30.30
#1	-.0005	-.0130	.0008	.0017	.0003	.0001	-.0009	.0227
#2	-.0006	.0141	-.0001	.0002	.0004	-.0000	.0004	.0136
#3	-.0010	.0125	-.0013	.0026	.0006	-.0000	-.0023	.0142

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0006**	**.0002**	**-.0001**	**-.0002**	**.0050**	**-.0476**	**.0031**
Stddev	.0004	.0037	.0002	.0003	.0003	.0004	.0205	.0016
%RSD	668.7	607.0	110.6	213.5	179.1	7.271	42.97	52.02
#1	.0003	.0035	.0005	-.0005	-.0005	.0051	-.0243	.0050
#2	-.0004	-.0036	.0002	.0001	-.0003	.0045	-.0560	.0025
#3	.0003	-.0017	-.0000	.0000	.0002	.0052	-.0626	.0019

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0171**	**.0004**	**.0000**	**.0940**	**-.0004**	**-.0059**	**.0010**	**.0045**
Stddev	.0187	.0000	.0003	.0036	.0003	.0009	.0007	.0017
%RSD	109.4	13.22	1536.	3.843	59.34	14.47	65.60	37.81
#1	-.0065	.0004	-.0003	.0956	-.0003	-.0050	.0009	.0062
#2	-.0061	.0004	.0000	.0965	-.0007	-.0067	.0004	.0028
#3	-.0388	.0003	.0004	.0899	-.0002	-.0061	.0017	.0044

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0014**	**.0255**	**.0001**	**.0002**	**.0005**	F **-.0025**	**-.0001**
Stddev	.0010	.0017	.0009	.0008	.0000	.0004	.0015	.0002
%RSD	108.4	126.7	3.377	671.5	28.61	70.57	58.22	282.4
#1	.0001	.0033	.0263	.0004	.0002	.0002	-.0034	-.0002
#2	.0006	.0002	.0255	-.0008	.0002	.0005	-.0033	.0002
#3	.0020	.0005	.0246	.0007	.0001	.0010	-.0008	-.0002

Zoom In Zoom Out

Sample Name: mp37450-mb1 Acquired: 1/17/2023 8:33:44 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0007**	**.0011**	**.0002**
Stddev	.0016	.0001	.0001
%RSD	215.5	6.475	52.20
#1	.0011	.0010	.0001
#2	-.0010	.0010	.0003
#3	.0021	.0011	.0002

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7284.3**	**110060.**	**12732.**	**2973.3**
Stddev	11.8	653.	100.	3.9
%RSD	.16190	.59290	.78344	.12968
#1	7297.8	109990.	12644.	2977.4
#2	7275.9	110750.	12710.	2969.7
#3	7279.2	109450.	12840.	2972.7

Zoom In Zoom Out

Sample Name: mp37450-lb1 Acquired: 1/17/2023 8:38:57 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.1476**	**.0036**	**.0182**	**.0203**	**.0049**	**.0007**	**2.879**	**.0054**
Stddev	.0003	.0158	.0005	.0007	.0002	.0001	.0011	.011	.0001
%RSD	109.3	10.68	12.90	3.707	1.107	2.186	159.2	.3788	2.442
#1	-.0000	.1405	.0041	.0190	.0205	.0048	.0006	2.885	.0054
#2	-.0002	.1657	.0033	.0181	.0200	.0050	-.0004	2.866	.0053
#3	-.0007	.1367	.0034	.0177	.0203	.0049	.0019	2.885	.0056

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0055**	**.0072**	**.0192**	**.2184**	**3.000**	**.0062**	**.2169**	**.0098**
Stddev	.0034	.0005	.0003	.0001	.0023	.058	.0008	.0168	.0000
%RSD	609.1	9.530	4.564	.7150	1.033	1.938	12.44	7.760	.1415
#1	.0021	.0059	.0070	.0193	.2208	2.940	.0064	.1989	.0098
#2	-.0033	.0057	.0070	.0191	.2182	3.004	.0053	.2322	.0098
#3	.0028	.0049	.0076	.0191	.2163	3.057	.0068	.2198	.0099

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0060**	F **1234.**	**.0115**	**.1968**	**.0077**	**.0843**	**.0070**	**.0036**	**.5138**
Stddev	.0002	15.	.0005	.0006	.0010	.0008	.0004	.0019	.0032
%RSD	3.089	1.246	4.164	.2962	12.99	.8933	6.246	54.09	.6325
#1	.0058	1250.	.0118	.1966	.0086	.0836	.0068	.0030	.5133
#2	.0062	1220.	.0109	.1962	.0066	.0851	.0067	.0020	.5109
#3	.0060	1231.	.0117	.1974	.0080	.0843	.0075	.0058	.5173

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0071**	**.0160**	**.0074**	**.0063**	**.0048**	**.0050**	**.1704**	**.0045**
Stddev	.0008	.0001	.0002	.0013	.0003	.0002	.0015	.0003
%RSD	11.78	.3378	3.032	20.67	6.196	4.871	.8922	5.848
#1	.0079	.0159	.0074	.0078	.0051	.0049	.1693	.0042
#2	.0072	.0159	.0076	.0052	.0046	.0053	.1698	.0046
#3	.0062	.0160	.0071	.0060	.0047	.0048	.1722	.0047

Zoom In Zoom Out

Sample Name: mp37450-lb1 Acquired: 1/17/2023 8:38:57 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6514.1**	**101340.**	**12522.**	**2786.6**
Stddev	55.1	542.	79.	23.1
%RSD	.84513	.53491	.63273	.83041
#1	6549.3	101920.	12462.	2800.4
#2	6542.4	101240.	12612.	2799.5
#3	6450.7	100850.	12492.	2759.9

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 8:44:15 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2584**	**40.49**	**2.116**	**2.089**	**2.062**	**1.988**	**2.050**	**38.50**	**2.058**
Stddev	.0005	.12	.001	.003	.005	.004	.002	.09	.004
%RSD	.1775	.3085	.0636	.1196	.2574	.2179	.0811	.2308	.1924
#1	.2589	40.47	2.115	2.092	2.062	1.987	2.051	38.47	2.062
#2	.2580	40.62	2.118	2.087	2.067	1.993	2.050	38.60	2.054
#3	.2584	40.37	2.116	2.090	2.056	1.985	2.048	38.43	2.059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.056**	**2.075**	**2.042**	**2.019**	**37.66**	**41.82**	**2.104**	**38.28**	**2.084**
Stddev	.002	.003	.004	.004	.11	.11	.007	.15	.005
%RSD	.1189	.1403	.1757	.2062	.3051	.2589	.3282	.3995	.2272
#1	2.057	2.078	2.040	2.021	37.64	41.72	2.101	38.17	2.084
#2	2.058	2.072	2.046	2.021	37.78	41.93	2.112	38.45	2.089
#3	2.053	2.076	2.040	2.014	37.55	41.82	2.099	38.20	2.080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.139**	**41.61**	**2.080**	**2.090**	**2.107**	**2.092**	**2.099**	**2.054**	**5.066**
Stddev	.002	.11	.001	.005	.001	.008	.004	.005	.007
%RSD	.0868	.2731	.0320	.2357	.0437	.3661	.1657	.2421	.1468
#1	2.140	41.57	2.080	2.095	2.107	2.092	2.102	2.050	5.065
#2	2.137	41.74	2.079	2.086	2.107	2.084	2.095	2.052	5.059
#3	2.138	41.52	2.080	2.090	2.109	2.099	2.100	2.060	5.074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 8:44:15 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.149**	**2.102**	**2.084**	**2.082**	**2.047**	**2.138**	**1.975**	**2.082**
Stddev	.000	.006	.004	.002	.004	.005	.002	.004
%RSD	.0174	.3113	.2068	.1055	.1838	.2182	.0793	.1941
#1	2.149	2.103	2.086	2.081	2.046	2.135	1.977	2.083
#2	2.149	2.109	2.087	2.081	2.051	2.135	1.974	2.086
#3	2.149	2.096	2.079	2.084	2.043	2.143	1.975	2.078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7042.2**	**105590.**	**12595.**	**2925.7**
Stddev	5.4	328.	58.	3.2
%RSD	.07626	.31088	.46004	.10831
#1	7037.1	105760.	12662.	2922.4
#2	7047.8	105210.	12557.	2928.7
#3	7041.7	105800.	12567.	2925.9

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 8:49:06 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**-.0174**	**-.0003**	**.0024**	**.0003**	**-.0000**	**-.0008**	**-.0030**
Stddev	.0005	.0082	.0010	.0007	.0003	.0000	.0017	.0012
%RSD	36.25	47.20	306.5	29.36	82.42	119.2	211.8	41.42
#1	-.0012	-.0081	.0002	.0032	.0005	-.0001	-.0018	-.0021
#2	-.0009	-.0202	.0003	.0018	.0000	-.0001	-.0018	-.0024
#3	-.0018	-.0238	-.0014	.0024	.0005	.0000	.0012	-.0044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**-.0024**	**-.0002**	**-.0001**	**-.0003**	**-.0002**	**.0078**	**.0036**
Stddev	.0001	.0018	.0001	.0004	.0004	.0031	.0078	.0006
%RSD	196.0	77.09	75.21	433.3	112.1	1321.	99.40	17.84
#1	-.0000	-.0043	-.0001	-.0005	-.0007	-.0038	.0167	.0029
#2	.0002	-.0007	-.0004	.0002	-.0003	.0013	.0021	.0042
#3	.0000	-.0021	-.0001	.0000	.0000	.0018	.0047	.0036
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0075**	**.0000**	**.0006**	**.1748**	**-.0003**	F **-.0065**	**.0016**	**.0009**
Stddev	.0234	.0000	.0002	.0034	.0002	.0005	.0010	.0025
%RSD	312.1	101.6	33.98	1.956	75.28	7.775	61.22	278.5
#1	-.0345	.0000	.0004	.1770	-.0005	-.0070	.0007	-.0010
#2	.0042	.0000	.0005	.1765	-.0004	-.0064	.0027	-.0000
#3	.0078	-.0000	.0008	.1709	-.0001	-.0060	.0016	.0037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 8:49:06 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**-.0012**	**.0025**	**.0005**	**.0000**	**.0003**	**-.0002**	**.0002**
Stddev	.0014	.0015	.0004	.0013	.0000	.0003	.0009	.0004
%RSD	494.4	132.2	14.50	247.7	23.58	95.53	418.5	284.5
#1	.0007	-.0002	.0029	.0015	.0001	.0000	-.0010	.0006
#2	-.0012	-.0004	.0021	.0010	.0000	.0007	-.0004	.0001
#3	.0014	-.0029	.0024	-.0009	.0000	.0003	.0008	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0011**	**-.0007**	**.0002**
Stddev	.0009	.0002	.0002
%RSD	84.25	23.20	89.98
#1	.0019	-.0005	.0003
#2	.0011	-.0008	.0002
#3	.0002	-.0008	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7268.8**	**108590.**	**12537.**	**2969.3**
Stddev	14.0	139.	247.	8.4
%RSD	.19235	.12764	1.9675	.28303
#1	7252.9	108550.	12613.	2959.9
#2	7274.1	108750.	12736.	2971.7
#3	7279.3	108480.	12261.	2976.2

Zoom In Zoom Out

Sample Name: mp37450-b1 Acquired: 1/17/2023 8:54:21 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2462**	**25.66**	**1.982**	**1.955**	**1.954**	**1.875**	**.2942**	**24.44**	**1.944**
Stddev	.0002	.05	.006	.002	.002	.002	.0018	.00	.005
%RSD	.0678	.1981	.3284	.0871	.1202	.1168	.6086	.0170	.2781
#1	.2461	25.69	1.989	1.956	1.952	1.876	.2959	24.44	1.950
#2	.2464	25.69	1.982	1.955	1.956	1.877	.2923	24.44	1.943
#3	.2461	25.60	1.976	1.953	1.953	1.873	.2943	24.44	1.939

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**1.964**	**1.903**	**1.882**	**23.94**	**26.30**	**.0014**	**24.35**	**1.957**
Stddev	.0007	.001	.001	.001	.04	.07	.0007	.05	.001
%RSD	1090.	.0476	.0313	.0249	.1717	.2586	49.26	.2108	.0310
#1	-.0007	1.965	1.904	1.882	23.94	26.37	.0016	24.39	1.958
#2	-.0001	1.964	1.903	1.881	23.99	26.30	.0007	24.29	1.957
#3	.0006	1.963	1.904	1.882	23.90	26.23	.0021	24.37	1.957

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.973**	**32.51**	**1.954**	**1.964**	**1.971**	**.0148**	**1.935**	**1.907**	**.0569**
Stddev	.005	.03	.002	.004	.003	.0033	.003	.005	.0007
%RSD	.2629	.0915	.0985	.1762	.1619	22.02	.1756	.2594	1.288
#1	1.979	32.48	1.955	1.968	1.974	.0154	1.937	1.912	.0563
#2	1.970	32.51	1.956	1.963	1.972	.0113	1.936	1.908	.0567
#3	1.970	32.53	1.952	1.961	1.967	.0178	1.931	1.902	.0577

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.990**	**1.987**	**1.892**	**1.971**	**1.911**	**1.968**	**1.870**	**1.892**
Stddev	.003	.002	.001	.003	.002	.006	.004	.002
%RSD	.1497	.0954	.0689	.1618	.0918	.3294	.2108	.1094
#1	1.993	1.986	1.893	1.974	1.913	1.974	1.874	1.890
#2	1.990	1.990	1.891	1.972	1.909	1.967	1.866	1.892
#3	1.987	1.986	1.891	1.968	1.912	1.961	1.870	1.895

Zoom In Zoom Out

Sample Name: mp37450-b1 Acquired: 1/17/2023 8:54:21 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7106.1**	**107470.**	**12622.**	**2929.0**
Stddev	13.0	93.	63.	10.1
%RSD	.18307	.08681	.49572	.34368
#1	7093.5	107440.	12601.	2917.5
#2	7105.5	107570.	12693.	2933.0
#3	7119.4	107390.	12573.	2936.4

Zoom In Zoom Out

Sample Name: mp37450-ls1 Acquired: 1/17/2023 8:59:12 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2560**	**25.00**	**2.029**	**1.900**	**1.933**	**1.866**	**.2865**	**23.77**	**1.938**
Stddev	.0001	.02	.007	.003	.003	.002	.0016	.01	.005
%RSD	.0217	.0997	.3674	.1742	.1356	.1234	.5643	.0282	.2692
#1	.2560	25.03	2.036	1.903	1.935	1.868	.2881	23.78	1.941
#2	.2561	24.98	2.021	1.897	1.934	1.866	.2849	23.77	1.932
#3	.2560	24.98	2.030	1.901	1.930	1.864	.2865	23.78	1.942

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**1.936**	**1.861**	**1.915**	**23.15**	**27.78**	**.0041**	**23.06**	**1.888**
Stddev	.0027	.004	.008	.003	.01	.08	.0011	.10	.007
%RSD	192.2	.1813	.4295	.1531	.0250	.2785	27.86	.4272	.3911
#1	.0009	1.939	1.864	1.912	23.16	27.69	.0054	22.95	1.890
#2	-.0010	1.932	1.852	1.916	23.15	27.84	.0032	23.08	1.880
#3	.0043	1.936	1.868	1.918	23.15	27.79	.0037	23.15	1.894

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.905**	F **1206.**	**1.952**	**1.993**	**1.935**	**.0417**	**1.920**	**2.003**	**.1670**
Stddev	.004	4.	.001	.005	.003	.0024	.003	.009	.0004
%RSD	.1812	.3332	.0700	.2525	.1375	5.731	.1400	.4460	.2668
#1	1.906	1211.	1.953	1.992	1.937	.0409	1.918	2.009	.1675
#2	1.901	1203.	1.950	1.989	1.932	.0398	1.918	1.993	.1666
#3	1.908	1204.	1.953	1.999	1.934	.0444	1.923	2.008	.1671

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.880**	**1.965**	**1.859**	**1.856**	**1.880**	**1.890**	**1.976**	**1.905**
Stddev	.002	.004	.006	.006	.005	.001	.003	.005
%RSD	.1295	.1923	.3077	.3244	.2613	.0539	.1256	.2631
#1	1.882	1.969	1.860	1.853	1.881	1.891	1.976	1.904
#2	1.878	1.965	1.853	1.852	1.875	1.889	1.973	1.901
#3	1.881	1.961	1.864	1.863	1.884	1.890	1.978	1.911

Zoom In Zoom Out

Sample Name: mp37450-ls1 Acquired: 1/17/2023 8:59:12 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6530.5**	**102230.**	**12705.**	**2818.0**
Stddev	11.4	527.	83.	7.6
%RSD	.17509	.51506	.65040	.26939
#1	6523.5	101960.	12736.	2815.0
#2	6543.6	102840.	12768.	2826.7
#3	6524.2	101890.	12612.	2812.5

Zoom In Zoom Out

Sample Name: mp37450-s1 Acquired: 1/17/2023 9:04:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2562**	**25.60**	**2.038**	**1.922**	**2.305**	**1.865**	**.2853**	**39.77**	**1.945**
Stddev	.0001	.04	.003	.001	.001	.002	.0007	.01	.001
%RSD	.0583	.1458	.1301	.0510	.0472	.1169	.2416	.0361	.0544
#1	.2562	25.60	2.041	1.923	2.306	1.868	.2854	39.79	1.944
#2	.2564	25.64	2.036	1.921	2.304	1.864	.2859	39.76	1.946
#3	.2561	25.57	2.037	1.922	2.305	1.864	.2846	39.76	1.946

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**1.929**	**1.859**	**1.919**	**23.39**	**30.27**	**.0052**	**24.79**	**2.001**
Stddev	.0009	.001	.003	.002	.04	.08	.0019	.04	.003
%RSD	305.5	.0404	.1507	.1175	.1774	.2489	36.95	.1432	.1251
#1	-.0004	1.928	1.861	1.921	23.40	30.31	.0073	24.83	2.002
#2	.0013	1.928	1.861	1.920	23.42	30.31	.0044	24.79	2.002
#3	.0000	1.929	1.856	1.917	23.34	30.18	.0037	24.76	1.998

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.906**	F **1262.**	**1.949**	**2.027**	**1.946**	**.2575**	**1.930**	**2.023**	**1.463**
Stddev	.002	19.	.001	.003	.003	.0045	.003	.002	.002
%RSD	.0768	1.518	.0425	.1638	.1595	1.741	.1486	.0760	.1609
#1	1.908	1272.	1.950	2.023	1.946	.2538	1.927	2.025	1.460
#2	1.906	1240.	1.949	2.030	1.949	.2625	1.933	2.023	1.464
#3	1.905	1274.	1.950	2.028	1.943	.2563	1.929	2.022	1.465

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.864**	**2.050**	**1.854**	**1.857**	**1.880**	**1.883**	**1.946**	**1.898**
Stddev	.003	.002	.002	.004	.003	.004	.002	.004
%RSD	.1748	.0962	.0952	.2155	.1713	.2074	.0789	.2124
#1	1.867	2.052	1.856	1.859	1.883	1.887	1.948	1.901
#2	1.864	2.050	1.854	1.852	1.881	1.879	1.945	1.900
#3	1.860	2.048	1.853	1.860	1.877	1.883	1.946	1.893

Zoom In Zoom Out

Sample Name: mp37450-s1 Acquired: 1/17/2023 9:04:11 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6481.7**	**101580.**	**12596.**	**2796.6**
Stddev	1.9	83.	46.	2.0
%RSD	.03006	.08181	.36581	.07076
#1	6480.5	101500.	12610.	2794.6
#2	6483.9	101570.	12544.	2798.6
#3	6480.6	101670.	12633.	2796.6

Zoom In Zoom Out

Sample Name: mp37450-s2 Acquired: 1/17/2023 9:09:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2582**	**25.74**	**2.047**	**1.934**	**2.335**	**1.878**	**.2853**	**40.29**	**1.958**
Stddev	.0006	.05	.001	.003	.003	.003	.0020	.02	.002
%RSD	.2284	.1935	.0610	.1679	.1279	.1754	.6937	.0583	.0813
#1	.2581	25.74	2.049	1.931	2.333	1.878	.2840	40.27	1.958
#2	.2588	25.79	2.047	1.936	2.338	1.882	.2875	40.31	1.960
#3	.2577	25.69	2.046	1.936	2.333	1.875	.2842	40.27	1.957

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0072**	**1.942**	**1.870**	**1.926**	**23.52**	**30.67**	**.0042**	**25.16**	**2.012**
Stddev	.0035	.003	.005	.006	.03	.04	.0006	.03	.007
%RSD	49.34	.1379	.2921	.3334	.1138	.1175	14.72	.1049	.3287
#1	.0061	1.945	1.871	1.929	23.55	30.68	.0048	25.13	2.014
#2	.0043	1.943	1.874	1.930	23.51	30.70	.0036	25.17	2.017
#3	.0111	1.939	1.864	1.919	23.51	30.63	.0044	25.18	2.004

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.918**	F **1278.**	**1.966**	**2.040**	**1.957**	**.2590**	**1.939**	**2.041**	**1.505**
Stddev	.003	5.	.001	.004	.003	.0025	.002	.004	.005
%RSD	.1329	.4205	.0701	.2043	.1752	.9736	.0968	.2059	.3444
#1	1.915	1273.	1.967	2.038	1.961	.2600	1.938	2.039	1.499
#2	1.920	1284.	1.965	2.045	1.954	.2561	1.941	2.046	1.509
#3	1.919	1278.	1.965	2.038	1.958	.2608	1.938	2.038	1.507

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.871**	**2.074**	**1.858**	**1.866**	**1.887**	**1.892**	**1.965**	**1.891**
Stddev	.005	.002	.006	.001	.005	.003	.002	.006
%RSD	.2646	.1151	.3239	.0594	.2884	.1307	.0892	.3052
#1	1.872	2.073	1.860	1.867	1.890	1.891	1.965	1.895
#2	1.866	2.076	1.863	1.865	1.891	1.890	1.964	1.894
#3	1.876	2.072	1.851	1.867	1.881	1.895	1.967	1.885

Zoom In Zoom Out

Sample Name: mp37450-s2 Acquired: 1/17/2023 9:09:09 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6478.8**	**101690.**	**12660.**	**2793.7**
Stddev	12.5	423.	20.	4.9
%RSD	.19275	.41548	.16077	.17715
#1	6466.1	101750.	12671.	2791.6
#2	6491.1	101240.	12637.	2799.3
#3	6479.0	102080.	12674.	2790.1

Zoom In Zoom Out

Sample Name: jd58550-2a Acquired: 1/17/2023 9:14:08 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.4264**	**.0008**	**.0335**	**.3934**	**.0004**	**.0004**	**16.17**	**.0005**
Stddev	.0006	.0041	.0008	.0016	.0004	.0001	.0014	.03	.0003
%RSD	62.38	.9522	94.96	4.786	.1022	14.97	363.8	.1711	59.19
#1	-.0015	.4273	.0004	.0317	.3936	.0005	.0016	16.16	.0009
#2	-.0003	.4299	.0018	.0346	.3936	.0004	.0006	16.20	.0005
#3	-.0011	.4219	.0004	.0343	.3929	.0004	-.0011	16.15	.0003

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0041**	**.0003**	**.0014**	**.0071**	**.0457**	**2.917**	**.0060**	**1.598**	**.1269**
Stddev	.0027	.0002	.0005	.0001	.0007	.075	.0008	.014	.0002
%RSD	67.02	91.73	35.57	1.993	1.435	2.578	13.18	.8939	.1227
#1	.0009	.0003	.0009	.0073	.0449	2.830	.0051	1.585	.1269
#2	.0053	.0000	.0014	.0072	.0459	2.958	.0065	1.613	.1268
#3	.0060	.0005	.0019	.0070	.0462	2.962	.0065	1.595	.1271

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	F **1250.**	**.0073**	**.0259**	**.0138**	**.2521**	**.0020**	**-.0004**	**1.453**
Stddev	.0003	15.	.0005	.0015	.0017	.0026	.0005	.0035	.001
%RSD	35.76	1.184	6.849	5.795	12.09	1.045	25.40	801.8	.0928
#1	.0013	1267.	.0078	.0267	.0147	.2536	.0022	-.0039	1.453
#2	.0007	1240.	.0068	.0270	.0149	.2535	.0014	.0030	1.453
#3	.0007	1243.	.0072	.0242	.0119	.2490	.0024	-.0004	1.455

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**.1016**	**.0028**	**.0022**	**.0007**	**.0026**	**.1288**	**-.0003**
Stddev	.0019	.0002	.0001	.0035	.0004	.0018	.0004	.0001
%RSD	146.9	.1845	2.888	163.9	50.92	68.13	.2889	29.17
#1	.0035	.1017	.0028	.0037	.0011	.0006	.1291	-.0004
#2	.0002	.1018	.0029	.0047	.0006	.0040	.1284	-.0003
#3	.0002	.1014	.0028	-.0019	.0004	.0032	.1290	-.0002

Zoom In Zoom Out

Sample Name: jd58550-2a Acquired: 1/17/2023 9:14:08 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6476.1**	**100900.**	**12601.**	**2777.1**
Stddev	5.6	137.	36.	1.6
%RSD	.08693	.13608	.28530	.05899
#1	6478.5	101020.	12631.	2776.8
#2	6469.7	100940.	12611.	2778.8
#3	6480.2	100750.	12561.	2775.6

Zoom In Zoom Out

Sample Name: mp37450-sd1 Acquired: 1/17/2023 9:19:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0045**	**.4928**	**.0008**	**.0558**	**.4106**	**.0001**	**-.0034**	**27.99**	**.0006**
Stddev	.0017	.0428	.0040	.0040	.0018	.0004	.0024	.08	.0011
%RSD	37.22	8.678	488.8	7.159	.4402	287.5	70.11	.2726	190.0
#1	-.0045	.4745	.0002	.0586	.4126	.0002	-.0006	28.03	.0011
#2	-.0028	.5417	.0051	.0513	.4101	.0004	-.0047	28.04	.0014
#3	-.0061	.4622	-.0028	.0576	.4090	-.0003	-.0048	27.90	-.0007

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0041**	**.0026**	**.0001**	**.0071**	**.0448**	**3.500**	**.0171**	**2.290**	**.2332**
Stddev	.0085	.0009	.0012	.0014	.0147	.091	.0062	.101	.0006
%RSD	204.6	34.90	959.1	19.30	32.91	2.612	36.06	4.401	.2477
#1	.0074	.0016	-.0010	.0085	.0386	3.589	.0196	2.179	.2338
#2	.0105	.0027	.0013	.0058	.0616	3.505	.0216	2.314	.2327
#3	-.0055	.0034	.0001	.0070	.0341	3.406	.0101	2.376	.2331

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	F **1481.**	**.0094**	**.0193**	**.0155**	**.3112**	**.0143**	**-.0009**	**1.721**
Stddev	.0003	14.	.0006	.0018	.0053	.0105	.0065	.0091	.004
%RSD	12.95	.9251	6.038	9.381	33.90	3.361	45.60	1017.	.2253
#1	.0024	1490.	.0088	.0176	.0105	.3198	.0077	-.0063	1.718
#2	.0025	1465.	.0100	.0191	.0152	.2996	.0207	.0096	1.721
#3	.0019	1487.	.0095	.0212	.0210	.3142	.0145	-.0060	1.726

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011**	**.1384**	**.0019**	**.0012**	**.0008**	**.0047**	**.1338**	**.0004**
Stddev	.0058	.0012	.0021	.0064	.0005	.0035	.0006	.0003
%RSD	512.5	.8587	111.5	523.8	67.50	75.64	.4290	67.65
#1	.0077	.1397	-.0002	.0017	.0013	.0073	.1332	.0005
#2	-.0029	.1379	.0018	-.0054	.0008	.0062	.1342	.0007
#3	-.0014	.1375	.0041	.0074	.0002	.0006	.1341	.0001

Zoom In Zoom Out

Sample Name: mp37450-sd1 Acquired: 1/17/2023 9:19:24 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6897.4**	**105560.**	**12514.**	**2891.6**
Stddev	19.8	332.	43.	7.2
%RSD	.28725	.31426	.34004	.24814
#1	6874.8	105180.	12537.	2884.1
#2	6905.6	105700.	12465.	2892.5
#3	6911.9	105790.	12540.	2898.3

Zoom In Zoom Out

Sample Name: jd58550-4a Acquired: 1/17/2023 9:24:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.3131**	**.0026**	**.2210**	**.5220**	**.0002**	**.0011**	F **255.9**	**.0026**
Stddev	.0003	.0211	.0028	.0007	.0005	.0001	.0011	.4	.0005
%RSD	27.31	6.739	110.0	.3226	.0895	29.43	98.83	.1422	20.08
#1	-.0009	.3368	.0047	.2205	.5225	.0002	.0001	256.2	.0025
#2	-.0014	.2961	-.0006	.2206	.5216	.0001	.0010	256.0	.0031
#3	-.0016	.3065	.0037	.2218	.5220	.0003	.0023	255.5	.0021

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0116**	**.0074**	**.0009**	**.0087**	**.0803**	**6.109**	**.0025**	**15.09**	**2.266**
Stddev	.0006	.0005	.0002	.0001	.0018	.034	.0011	.01	.005
%RSD	4.898	6.620	18.97	1.526	2.247	.5588	46.37	.0533	.2260
#1	.0112	.0070	.0007	.0085	.0806	6.092	.0024	15.10	2.263
#2	.0122	.0072	.0009	.0087	.0819	6.148	.0014	15.10	2.264
#3	.0113	.0080	.0010	.0088	.0783	6.086	.0037	15.09	2.272

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	F **1429.**	**.0127**	**.0449**	**.0185**	**1.655**	**.0014**	**-.0001**	**6.988**
Stddev	.0002	8.	.0004	.0020	.0023	.004	.0009	.0005	.016
%RSD	27.35	.5803	3.183	4.386	12.40	.2651	66.38	509.2	.2313
#1	.0006	1433.	.0122	.0452	.0209	1.654	.0003	-.0006	6.977
#2	.0004	1433.	.0130	.0428	.0184	1.651	.0017	-.0001	6.981
#3	.0007	1419.	.0129	.0467	.0163	1.660	.0020	.0004	7.006

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0025**	**.8571**	**.0026**	**.0003**	**.0019**	**.0018**	**.0861**	**-.0038**
Stddev	.0012	.0013	.0003	.0018	.0001	.0010	.0002	.0002
%RSD	49.27	.1467	11.97	676.2	5.344	54.09	.2882	5.494
#1	-.0038	.8583	.0025	.0008	.0019	.0026	.0860	-.0041
#2	-.0022	.8558	.0029	-.0017	.0020	.0021	.0860	-.0037
#3	-.0014	.8573	.0023	.0017	.0018	.0007	.0864	-.0037

Zoom In Zoom Out

Sample Name: jd58550-4a Acquired: 1/17/2023 9:24:37 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6248.6**	**98849.**	**12291.**	**2690.6**
Stddev	11.9	604.	48.	1.1
%RSD	.18968	.61074	.38970	.03967
#1	6248.4	99060.	12277.	2690.3
#2	6236.8	99318.	12252.	2689.6
#3	6260.5	98168.	12344.	2691.7

Zoom In Zoom Out

Sample Name: jd58550-14a Acquired: 1/17/2023 9:29:51 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**.2814**	**.0016**	**.0453**	**.6801**	**.0005**	**.0018**	**139.8**
Stddev	.0005	.0110	.0018	.0005	.0016	.0001	.0006	.4
%RSD	51.95	3.900	109.1	1.191	.2283	9.769	35.50	.2595
#1	-.0010	.2731	.0006	.0453	.6788	.0005	.0017	139.6
#2	-.0015	.2772	.0037	.0447	.6795	.0006	.0012	139.5
#3	-.0005	.2938	.0006	.0458	.6818	.0006	.0024	140.2

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**.0278**	**.0404**	**.0015**	**.0151**	**1.101**	**4.784**	**.0039**
Stddev	.0003	.0005	.0004	.0004	.0002	.004	.029	.0024
%RSD	16.95	1.736	.9007	26.91	1.390	.3235	.6118	60.53
#1	.0018	.0279	.0402	.0010	.0149	1.099	4.752	.0015
#2	.0019	.0283	.0402	.0016	.0150	1.098	4.791	.0062
#3	.0025	.0273	.0408	.0018	.0153	1.105	4.809	.0040

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.70**	**5.045**	**.0001**	F **1138.**	**.0261**	**.0256**	**2.016**	**.9702**
Stddev	.07	.004	.0002	11.	.0002	.0017	.003	.0052
%RSD	.5732	.0734	230.5	1.006	.7802	6.512	.1313	.5370
#1	12.62	5.041	.0002	1141.	.0260	.0256	2.016	.9683
#2	12.75	5.044	.0002	1125.	.0259	.0239	2.019	.9662
#3	12.74	5.049	-.0001	1147.	.0263	.0273	2.013	.9761

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**-.0022**	**4.017**	**-.0015**	**.4738**	**.0018**	F **-.0028**	**.0009**
Stddev	.0018	.0006	.006	.0009	.0008	.0004	.0020	.0002
%RSD	251.8	28.65	.1580	56.34	.1615	22.11	72.08	16.66
#1	.0017	-.0027	4.020	-.0025	.4736	.0016	-.0050	.0010
#2	-.0013	-.0015	4.020	-.0012	.4732	.0022	-.0019	.0007
#3	.0017	-.0024	4.009	-.0009	.4747	.0015	-.0013	.0010

Zoom In Zoom Out

Sample Name: jd58550-14a Acquired: 1/17/2023 9:29:51 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**-.0008**	**.2160**	**-.0023**
Stddev	.0006	.0003	.0000
%RSD	72.76	.1517	.5575
#1	-.0002	.2160	-.0022
#2	-.0008	.2164	-.0022
#3	-.0013	.2157	-.0023

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6391.7**	**100750.**	**12383.**	**2745.8**
Stddev	5.9	238.	38.	1.8
%RSD	.09178	.23645	.30858	.06507
#1	6386.7	101020.	12380.	2744.4
#2	6398.2	100580.	12423.	2745.2
#3	6390.3	100640.	12347.	2747.8

Zoom In Zoom Out

Sample Name: jd58550-15a Acquired: 1/17/2023 9:35:10 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0016**	**.3093**	**.0024**	**.1954**	**.7432**	**.0004**	**.0000**	**108.4**	**.0017**
Stddev	.0003	.0076	.0017	.0010	.0014	.0000	.0009	.1	.0006
%RSD	19.75	2.470	70.91	.5067	.1924	3.441	5053.	.1152	34.15
#1	-.0013	.3012	.0009	.1955	.7415	.0004	.0008	108.4	.0014
#2	-.0015	.3102	.0021	.1963	.7443	.0004	.0002	108.5	.0023
#3	-.0019	.3164	.0042	.1943	.7437	.0004	-.0010	108.3	.0012

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0139**	**.0001**	**.0008**	**.0208**	**.0367**	**4.809**	**.0016**	**14.66**	**.7771**
Stddev	.0051	.0000	.0001	.0002	.0019	.029	.0015	.04	.0014
%RSD	37.01	47.61	12.07	.9615	5.194	.5938	92.36	.2659	.1816
#1	.0198	.0001	.0007	.0206	.0389	4.790	.0033	14.70	.7764
#2	.0114	.0002	.0007	.0209	.0357	4.842	.0004	14.65	.7787
#3	.0104	.0001	.0009	.0209	.0354	4.795	.0012	14.63	.7762

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	F **1158.**	**.0096**	**.0754**	**.0301**	**2.273**	**.0009**	**-.0028**	**5.307**
Stddev	.0004	5.	.0003	.0022	.0006	.011	.0009	.0023	.012
%RSD	71.90	.4005	3.499	2.875	2.123	.4713	105.6	80.65	.2283
#1	.0007	1162.	.0092	.0733	.0303	2.275	.0006	-.0008	5.296
#2	.0010	1153.	.0097	.0752	.0294	2.283	.0001	-.0025	5.320
#3	.0001	1159.	.0098	.0776	.0306	2.261	.0019	-.0053	5.304

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**.5174**	**.0012**	**.0018**	**.0008**	**.0011**	**.1192**	**-.0028**
Stddev	.0015	.0011	.0002	.0029	.0001	.0002	.0002	.0001
%RSD	97.57	.2119	19.14	159.5	10.27	17.61	.1656	4.365
#1	-.0002	.5164	.0014	-.0002	.0008	.0010	.1194	-.0028
#2	-.0012	.5186	.0009	.0051	.0007	.0010	.1190	-.0029
#3	-.0032	.5173	.0013	.0006	.0008	.0013	.1191	-.0026

Zoom In Zoom Out

Sample Name: jd58550-15a Acquired: 1/17/2023 9:35:10 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6439.1**	**100560.**	**12398.**	**2754.0**
Stddev	7.3	364.	64.	3.7
%RSD	.11404	.36166	.51614	.13565
#1	6444.8	100820.	12324.	2758.4
#2	6441.6	100140.	12427.	2751.8
#3	6430.8	100720.	12441.	2751.9

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 9:40:25 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2612**	**40.56**	**2.117**	**2.105**	**2.083**	**1.995**	**2.064**	**38.74**	**2.075**
Stddev	.0032	.03	.000	.001	.001	.004	.006	.02	.001
%RSD	1.208	.0819	.0183	.0580	.0372	.2017	.2779	.0597	.0502
#1	.2648	40.57	2.117	2.103	2.084	1.999	2.068	38.76	2.074
#2	.2593	40.58	2.118	2.104	2.084	1.995	2.058	38.75	2.076
#3	.2594	40.52	2.117	2.106	2.083	1.991	2.068	38.72	2.075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.044**	**2.083**	**2.041**	**2.017**	**37.83**	**41.92**	**2.125**	**38.80**	**2.091**
Stddev	.016	.002	.018	.019	.05	.04	.001	.12	.017
%RSD	.8007	.1015	.8687	.9575	.1359	.1039	.0423	.3045	.8102
#1	2.063	2.083	2.062	2.039	37.81	41.96	2.124	38.87	2.111
#2	2.036	2.085	2.030	2.008	37.89	41.92	2.126	38.87	2.080
#3	2.034	2.081	2.032	2.004	37.80	41.88	2.125	38.67	2.083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.146**	**41.62**	**2.075**	**2.105**	**2.105**	**2.103**	**2.114**	**2.061**	**5.068**
Stddev	.001	.03	.004	.002	.005	.004	.002	.006	.004
%RSD	.0628	.0800	.2112	.1086	.2191	.2089	.0959	.2825	.0689
#1	2.147	41.65	2.077	2.106	2.109	2.108	2.115	2.068	5.064
#2	2.144	41.63	2.078	2.107	2.106	2.102	2.112	2.058	5.070
#3	2.146	41.58	2.070	2.102	2.100	2.100	2.116	2.058	5.070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 9:40:25 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.166**	**2.124**	**2.094**	**2.082**	**2.045**	**2.148**	**1.975**	**2.066**
Stddev	.008	.003	.020	.003	.018	.004	.003	.018
%RSD	.3579	.1389	.9455	.1626	.8857	.1723	.1508	.8572
#1	2.163	2.127	2.117	2.082	2.066	2.148	1.974	2.086
#2	2.175	2.124	2.083	2.079	2.034	2.144	1.978	2.057
#3	2.160	2.121	2.083	2.086	2.036	2.152	1.972	2.054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7020.6**	**105150.**	**12424.**	**2908.0**
Stddev	15.6	578.	28.	4.9
%RSD	.22188	.54989	.22901	.16840
#1	7026.0	104490.	12394.	2908.8
#2	7003.1	105590.	12427.	2902.8
#3	7032.8	105350.	12451.	2912.5

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 9:45:17 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0012**	**-.0096**	**-.0008**	**.0025**	**.0004**	**-.0000**	**.0003**	**-.0056**
Stddev	.0003	.0060	.0005	.0009	.0003	.0001	.0008	.0009
%RSD	26.07	63.17	63.43	36.34	56.67	392.3	235.2	15.94
#1	-.0013	-.0084	-.0013	.0034	.0007	-.0001	-.0003	-.0063
#2	-.0009	-.0161	-.0003	.0025	.0003	.0000	.0012	-.0046
#3	-.0015	-.0042	-.0009	.0016	.0003	-.0000	.0002	-.0059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0000**	**.0009**	**.0001**	**-.0003**	**-.0010**	**-.0030**	**.0535**	F **.0055**
Stddev	.0001	.0023	.0002	.0002	.0001	.0017	.0223	.0009
%RSD	1116.	268.8	135.3	55.23	7.474	55.80	41.60	16.81
#1	-.0000	.0012	.0002	-.0004	-.0010	-.0011	.0558	.0061
#2	-.0001	-.0016	.0003	-.0005	-.0011	-.0039	.0302	.0060
#3	.0001	.0030	-.0001	-.0001	-.0009	-.0040	.0746	.0044
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit								.0048
Low Limit								-.0048

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0069**	**.0000**	**.0004**	**.4085**	**.0000**	F **-.0067**	**-.0004**	**.0004**
Stddev	.0040	.0000	.0003	.0084	.0003	.0022	.0005	.0029
%RSD	57.65	118.9	83.15	2.046	7376.	32.71	120.8	783.2
#1	-.0112	.0000	.0006	.4179	.0002	-.0074	-.0004	.0026
#2	-.0061	-.0000	.0000	.4020	-.0003	-.0042	-.0010	.0014
#3	-.0034	.0000	.0005	.4055	.0001	-.0084	.0000	-.0029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 9:45:17 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**.0009**	**.0012**	**.0003**	**.0001**	**.0002**	**.0012**	**.0001**
Stddev	.0008	.0014	.0009	.0006	.0000	.0002	.0012	.0001
%RSD	43.25	162.1	77.16	209.3	71.33	78.06	95.42	67.85
#1	.0014	.0024	.0004	-.0004	.0000	.0000	.0023	.0002
#2	.0014	.0008	.0022	.0007	.0001	.0003	.0014	.0001
#3	.0028	-.0005	.0009	.0006	.0000	.0004	-.0000	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0006**	**-.0007**	**.0002**
Stddev	.0012	.0002	.0001
%RSD	199.0	32.82	81.66
#1	-.0003	-.0005	.0000
#2	.0020	-.0010	.0003
#3	.0002	-.0007	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7230.2**	**108420.**	**12303.**	**2946.1**
Stddev	8.8	212.	20.	1.1
%RSD	.12151	.19582	.16480	.03624
#1	7221.2	108380.	12281.	2945.2
#2	7238.7	108230.	12321.	2947.3
#3	7230.8	108650.	12306.	2945.9

Zoom In Zoom Out

Sample Name: jd56962-2r Acquired: 1/17/2023 9:50:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0024**	**.0427**	**-.0014**	**.1234**	**.1012**	**.0002**	**.0072**	F **619.4**	**.0028**
Stddev	.0007	.0188	.0014	.0009	.0006	.0000	.0002	2.6	.0002
%RSD	29.93	43.98	102.8	.7174	.5916	24.33	2.871	.4176	7.317
#1	-.0027	.0288	-.0029	.1227	.1006	.0002	.0074	619.7	.0028
#2	-.0016	.0640	-.0011	.1231	.1012	.0002	.0070	621.8	.0029
#3	-.0029	.0351	-.0001	.1244	.1018	.0001	.0072	616.7	.0025

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048**	**.0023**	**.0010**	**.0068**	**.0093**	**12.41**	**.0059**	**26.50**	**.4394**
Stddev	.0043	.0004	.0003	.0005	.0014	.05	.0007	.08	.0009
%RSD	88.14	18.87	29.65	7.337	14.72	.4285	11.32	.3033	.1996
#1	.0006	.0025	.0010	.0063	.0080	12.36	.0051	26.49	.4386
#2	.0092	.0018	.0013	.0070	.0092	12.47	.0062	26.59	.4394
#3	.0047	.0026	.0007	.0072	.0108	12.40	.0063	26.43	.4403

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	F **1382.**	**.0184**	**.1227**	**.0347**	F **190.3**	**.0062**	**.0079**	**4.585**
Stddev	.0002	11.	.0002	.0009	.0018	.4	.0019	.0005	.013
%RSD	7.104	.7608	1.036	.7530	5.256	.1909	30.98	6.253	.2738
#1	.0021	1370.	.0186	.1238	.0338	190.3	.0084	.0083	4.584
#2	.0024	1386.	.0184	.1225	.0334	190.6	.0046	.0080	4.597
#3	.0023	1389.	.0182	.1220	.0368	189.9	.0057	.0074	4.572

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0018**	**1.983**	**-.0003**	**.0042**	**.0026**	**.0019**	**.1953**	**-.0015**
Stddev	.0010	.004	.0003	.0009	.0002	.0007	.0000	.0002
%RSD	56.58	.2049	109.0	20.61	8.603	36.33	.0156	13.21
#1	-.0027	1.984	-.0000	.0032	.0023	.0013	.1953	-.0013
#2	-.0020	1.979	-.0007	.0045	.0026	.0026	.1953	-.0017
#3	-.0007	1.987	-.0002	.0048	.0028	.0017	.1953	-.0016

Zoom In Zoom Out

Sample Name: jd56962-2r Acquired: 1/17/2023 9:50:31 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6150.3**	**98361.**	**11958.**	**2620.0**
Stddev	3.7	302.	35.	2.5
%RSD	.06014	.30693	.29502	.09619
#1	6150.3	98622.	11982.	2621.0
#2	6146.5	98431.	11917.	2617.1
#3	6153.9	98031.	11974.	2621.8

Zoom In Zoom Out

Sample Name: jd58458-5r Acquired: 1/17/2023 9:55:53 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0017**	**.1772**	**.0003**	**.2072**	**.4113**	**.0001**	**.0024**	F **263.0**	**.0024**
Stddev	.0005	.0095	.0008	.0009	.0023	.0000	.0005	1.7	.0003
%RSD	28.33	5.388	320.0	.4154	.5596	54.65	19.27	.6274	12.53
#1	-.0012	.1880	-.0000	.2062	.4107	.0001	.0027	262.8	.0021
#2	-.0016	.1738	-.0004	.2078	.4095	.0000	.0026	261.5	.0026
#3	-.0021	.1698	.0012	.2076	.4139	.0001	.0019	264.8	.0027

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0102**	**.0042**	**.0003**	**.0027**	**.0396**	**7.094**	**.0035**	**25.04**	**.7940**
Stddev	.0027	.0003	.0002	.0001	.0011	.041	.0013	.19	.0027
%RSD	25.90	6.892	83.89	3.584	2.731	.5814	36.79	.7554	.3359
#1	.0089	.0044	.0003	.0026	.0385	7.127	.0044	25.05	.7921
#2	.0133	.0039	.0000	.0027	.0406	7.048	.0042	24.84	.7970
#3	.0085	.0043	.0004	.0028	.0397	7.108	.0020	25.22	.7928

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	F **1335.**	**.0067**	**.0753**	**.0084**	**6.584**	**.0023**	**.0001**	**5.541**
Stddev	.0002	9.	.0003	.0015	.0009	.014	.0018	.0039	.007
%RSD	11.40	.6384	4.875	1.982	11.05	.2153	76.89	3537.	.1219
#1	.0014	1336.	.0071	.0768	.0074	6.568	.0028	.0022	5.534
#2	.0016	1326.	.0067	.0739	.0093	6.597	.0039	-.0044	5.543
#3	.0017	1343.	.0064	.0750	.0085	6.586	.0004	.0026	5.547

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0020**	**.4561**	**.0015**	**.0013**	**.0014**	**.0008**	**.0417**	**-.0031**
Stddev	.0009	.0031	.0002	.0026	.0004	.0006	.0004	.0002
%RSD	46.07	.6724	15.43	210.8	25.59	76.08	.9900	5.012
#1	-.0029	.4554	.0017	.0042	.0012	.0011	.0412	-.0030
#2	-.0020	.4535	.0015	.0006	.0018	.0011	.0420	-.0029
#3	-.0011	.4595	.0012	-.0010	.0012	.0001	.0419	-.0032

Zoom In Zoom Out

Sample Name: jd58458-5r Acquired: 1/17/2023 9:55:53 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6262.8**	**99506.**	**12219.**	**2691.9**
Stddev	12.2	527.	84.	7.4
%RSD	.19436	.52985	.68870	.27492
#1	6276.1	99964.	12198.	2700.4
#2	6252.2	98930.	12312.	2686.9
#3	6260.1	99625.	12147.	2688.4

Zoom In Zoom Out

Sample Name: mp37435-s1 Acquired: 1/17/2023 10:01:08 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2183**	**25.31**	**1.840**	**2.565**	**2.040**	**1.724**	**.2701**	**373.4**	**1.790**
Stddev	.0024	.66	.013	.019	.044	.037	.0061	8.2	.016
%RSD	1.085	2.619	.7119	.7315	2.151	2.155	2.258	2.187	.9057
#1	.2211	26.05	1.853	2.584	2.091	1.767	.2765	382.8	1.802
#2	.2168	25.12	1.827	2.564	2.014	1.703	.2696	368.7	1.798
#3	.2171	24.77	1.841	2.546	2.015	1.701	.2643	368.7	1.772

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0151**	**1.782**	**1.734**	**1.708**	**24.00**	**61.31**	**.0255**	**32.61**	**2.454**
Stddev	.0131	.016	.002	.003	.49	1.25	.0011	.70	.003
%RSD	86.88	.8946	.1346	.1975	2.056	2.045	4.313	2.159	.1070
#1	.0005	1.796	1.735	1.706	24.57	62.76	.0267	33.42	2.457
#2	.0189	1.784	1.732	1.705	23.74	60.51	.0246	32.28	2.451
#3	.0259	1.765	1.736	1.711	23.70	60.67	.0251	32.14	2.454

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.802**	**212.1**	**1.785**	**3.020**	**1.815**	**172.2**	**1.783**	**.9139**	**12.80**
Stddev	.017	4.7	.017	.042	.018	1.4	.018	.0138	.13
%RSD	.9476	2.201	.9369	1.388	.9900	.8104	.9997	1.515	.9858
#1	1.816	217.5	1.800	3.061	1.830	173.5	1.803	.9252	12.90
#2	1.808	209.6	1.788	3.023	1.820	172.4	1.779	.9181	12.83
#3	1.783	209.2	1.767	2.977	1.795	170.7	1.768	.8985	12.66

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.806**	**3.842**	**1.753**	**1.793**	**1.741**	**1.793**	**1.734**	**1.668**
Stddev	.013	.084	.001	.016	.002	.018	.018	.001
%RSD	.7038	2.192	.0565	.9091	.1362	1.011	1.046	.0772
#1	1.815	3.939	1.753	1.807	1.739	1.806	1.750	1.667
#2	1.811	3.795	1.752	1.798	1.741	1.802	1.738	1.667
#3	1.792	3.791	1.754	1.775	1.744	1.773	1.714	1.670

Zoom In Zoom Out

Sample Name: mp37435-s1 Acquired: 1/17/2023 10:01:08 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7027.9**	**106830.**	**12139.**	**2888.4**
Stddev	18.0	255.	278.	10.0
%RSD	.25646	.23842	2.2886	.34636
#1	7027.4	106870.	11819.	2885.1
#2	7010.2	107070.	12275.	2880.5
#3	7046.2	106560.	12322.	2899.7

Zoom In Zoom Out

Sample Name: mp37435-s2 Acquired: 1/17/2023 10:06:04 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2146**	**24.07**	**1.813**	**2.553**	**1.976**	**1.671**	**.2718**	**356.9**	**1.780**
Stddev	.0019	.03	.007	.004	.000	.002	.0042	.4	.003
%RSD	.8860	.1062	.3756	.1549	.0191	.0954	1.561	.1259	.1480
#1	.2148	24.09	1.810	2.552	1.976	1.672	.2755	357.0	1.779
#2	.2164	24.08	1.809	2.557	1.976	1.669	.2672	356.4	1.783
#3	.2126	24.04	1.821	2.550	1.976	1.671	.2727	357.3	1.778

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0410**	**1.778**	**1.713**	**1.675**	**23.08**	**58.79**	**.0199**	**31.28**	**2.415**
Stddev	.0121	.003	.004	.002	.02	.24	.0010	.06	.006
%RSD	29.49	.1813	.2454	.1147	.1037	.4036	5.064	.2016	.2368
#1	.0433	1.775	1.717	1.677	23.10	58.77	.0209	31.22	2.420
#2	.0279	1.781	1.713	1.674	23.05	58.56	.0198	31.35	2.416
#3	.0517	1.777	1.709	1.675	23.09	59.03	.0189	31.27	2.409

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.789**	**204.4**	**1.779**	**2.989**	**1.804**	**169.0**	**1.771**	**.8807**	**12.46**
Stddev	.002	.2	.005	.013	.011	.3	.005	.0044	.01
%RSD	.1232	.1095	.2681	.4293	.5803	.1981	.2850	.5001	.0705
#1	1.788	204.4	1.782	2.977	1.813	169.0	1.767	.8813	12.45
#2	1.791	204.2	1.781	3.002	1.805	169.3	1.769	.8847	12.47
#3	1.787	204.6	1.773	2.988	1.793	168.6	1.777	.8760	12.47

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.782**	**3.701**	**1.720**	**1.780**	**1.717**	**1.776**	**1.720**	**1.637**
Stddev	.003	.004	.007	.010	.004	.004	.003	.002
%RSD	.1494	.1095	.3954	.5427	.2642	.2505	.1642	.0888
#1	1.779	3.703	1.728	1.791	1.720	1.772	1.721	1.639
#2	1.784	3.697	1.715	1.777	1.719	1.781	1.721	1.636
#3	1.781	3.705	1.716	1.772	1.711	1.774	1.716	1.636

Zoom In Zoom Out

Sample Name: mp37435-s2 Acquired: 1/17/2023 10:06:04 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7030.9**	**106480.**	**12260.**	**2889.1**
Stddev	12.8	419.	27.	5.9
%RSD	.18154	.39341	.21985	.20489
#1	7031.9	106100.	12235.	2888.0
#2	7017.7	106400.	12288.	2883.9
#3	7043.2	106930.	12256.	2895.5

Zoom In Zoom Out

Sample Name: jd58642-8 Acquired: 1/17/2023 10:11:02 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0051**	**.9952**	**.0049**	**.7961**	**.2275**	**.0003**	**.0089**	**353.9**	**-.0004**
Stddev	.0007	.0602	.0045	.0052	.0019	.0001	.0085	.6	.0019
%RSD	14.63	6.052	91.99	.6562	.8420	29.38	95.75	.1751	491.9
#1	-.0047	1.065	.0026	.8007	.2296	.0003	.0123	354.6	-.0011
#2	-.0046	.9570	.0101	.7972	.2259	.0004	-.0008	353.4	-.0018
#3	-.0060	.9640	.0020	.7904	.2269	.0003	.0152	353.6	.0017

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0165**	**-.0022**	**.0014**	**.0036**	**1.750**	**36.85**	**.0208**	**10.23**	**.6797**
Stddev	.0259	.0015	.0007	.0001	.006	.13	.0073	.05	.0026
%RSD	157.1	67.03	50.97	2.842	.3256	.3527	35.28	.4781	.3810
#1	.0044	-.0008	.0007	.0036	1.752	36.94	.0165	10.22	.6826
#2	-.0012	-.0020	.0013	.0037	1.753	36.70	.0293	10.28	.6787
#3	.0462	-.0037	.0021	.0035	1.743	36.91	.0167	10.18	.6777

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0032**	**192.1**	**.0028**	**1.216**	**.0234**	**177.0**	**.0024**	**-.0088**	**12.22**
Stddev	.0009	.5	.0013	.003	.0083	.5	.0103	.0038	.04
%RSD	29.00	.2481	46.81	.2751	35.68	.2863	424.8	43.27	.3266
#1	.0042	192.6	.0013	1.220	.0277	177.5	-.0014	-.0067	12.27
#2	.0024	191.6	.0033	1.215	.0287	177.2	.0141	-.0066	12.20
#3	.0029	192.0	.0038	1.214	.0138	176.5	-.0054	-.0132	12.20

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0107**	**2.012**	**.0305**	**.0000**	**.0020**	**.0102**	**.0204**	**-.0046**
Stddev	.0031	.008	.0008	.0063	.0001	.0052	.0004	.0006
%RSD	29.12	.3941	2.536	20750.	3.039	50.59	1.825	12.84
#1	-.0143	2.021	.0308	-.0062	.0020	.0053	.0199	-.0048
#2	-.0088	2.007	.0311	-.0001	.0021	.0157	.0207	-.0050
#3	-.0090	2.007	.0296	.0064	.0020	.0097	.0205	-.0039

Zoom In Zoom Out

Sample Name: jd58642-8 Acquired: 1/17/2023 10:11:02 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 5.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7091.9**	**107550.**	**12340.**	**2911.0**
Stddev	13.3	454.	52.	7.0
%RSD	.18732	.42200	.41809	.24006
#1	7091.6	107090.	12310.	2910.0
#2	7078.8	108000.	12310.	2904.6
#3	7105.4	107570.	12400.	2918.5

Zoom In Zoom Out

Sample Name: mp37435-sd1 Acquired: 1/17/2023 10:16:10 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0277**	**4.078**	**.0043**	**.8544**	**.2433**	**.0004**	**-.0192**	**361.1**	**-.0027**
Stddev	.0087	1.053	.0217	.0054	.0079	.0004	.0224	1.3	.0052
%RSD	31.44	25.82	506.8	.6276	3.254	97.80	117.0	.3510	193.0
#1	-.0377	5.283	-.0197	.8572	.2342	.0007	-.0327	361.4	.0016
#2	-.0213	3.619	.0101	.8578	.2481	.0006	.0067	359.7	-.0085
#3	-.0243	3.333	.0224	.8482	.2478	-.0001	-.0315	362.2	-.0012

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0048**	**-.0103**	**-.0070**	**.0053**	**1.797**	**36.40**	**.1189**	**10.14**	**.7155**
Stddev	.0816	.0101	.0042	.0010	.068	1.24	.0694	.18	.0001
%RSD	1701.	98.50	59.61	18.24	3.791	3.399	58.37	1.788	.0171
#1	-.0166	-.0017	-.0032	.0064	1.756	36.86	.0632	10.34	.7154
#2	-.0799	-.0215	-.0063	.0046	1.875	35.00	.0969	10.10	.7156
#3	.0821	-.0076	-.0115	.0050	1.758	37.34	.1967	9.979	.7154

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**199.7**	**.0062**	**1.113**	**.0195**	**181.6**	**.0118**	**.0200**	**12.55**
Stddev	.0092	.7	.0028	.028	.0403	.5	.0145	.0032	.07
%RSD	771.1	.3275	45.25	2.502	206.5	.2595	123.2	15.94	.5727
#1	.0096	199.4	.0091	1.093	-.0202	182.0	-.0023	.0231	12.63
#2	.0025	199.2	.0059	1.100	.0604	181.7	.0268	.0167	12.55
#3	-.0086	200.4	.0035	1.144	.0184	181.1	.0109	.0203	12.48

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0213**	**2.066**	**.0424**	**-.0225**	**.0031**	**-.0007**	**.3954**	**-.0041**
Stddev	.0180	.005	.0030	.0496	.0055	.0460	.0101	.0042
%RSD	84.34	.2328	7.075	220.8	175.4	6307.	2.553	102.6
#1	-.0371	2.070	.0393	-.0560	-.0014	-.0018	.4070	-.0005
#2	-.0251	2.061	.0425	-.0460	.0015	.0458	.3900	-.0087
#3	-.0017	2.068	.0453	.0345	.0092	-.0462	.3891	-.0031

Zoom In Zoom Out

Sample Name: mp37435-sd1 Acquired: 1/17/2023 10:16:10 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 25.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7213.6**	**108470.**	**12293.**	**2936.5**
Stddev	11.9	46.	78.	7.7
%RSD	.16444	.04232	.63345	.26388
#1	7216.6	108500.	12290.	2932.7
#2	7200.5	108420.	12373.	2931.3
#3	7223.7	108500.	12217.	2945.4

Zoom In Zoom Out

Sample Name: jd58645-1 Acquired: 1/17/2023 10:21:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**72.87**	**.0188**	**.1478**	**.4897**	**.0031**	**.3925**	F **726.5**	**.0022**
Stddev	.0003	.12	.0008	.0003	.0007	.0001	.0014	6.4	.0003
%RSD	17.65	.1656	4.120	.2064	.1372	2.099	.3644	.8767	14.68
#1	-.0016	72.88	.0197	.1481	.4892	.0031	.3910	725.0	.0020
#2	-.0012	72.75	.0186	.1476	.4894	.0032	.3926	733.5	.0020
#3	-.0018	72.99	.0181	.1476	.4904	.0030	.3939	721.1	.0026

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1577**	**.0918**	**.0757**	**.1160**	**55.71**	**9.271**	**.0453**	**33.18**	**1.443**
Stddev	.0018	.0006	.0004	.0005	.09	.040	.0006	.08	.004
%RSD	1.144	.6275	.4712	.4329	.1569	.4345	1.393	.2335	.2814
#1	.1569	.0921	.0757	.1157	55.75	9.301	.0456	33.23	1.447
#2	.1598	.0922	.0760	.1166	55.61	9.286	.0445	33.09	1.441
#3	.1564	.0911	.0753	.1158	55.77	9.225	.0457	33.22	1.440

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0032**	**12.28**	**.0730**	**2.888**	**.0511**	**23.45**	**.0056**	**.0002**	**1.251**
Stddev	.0001	.01	.0005	.007	.0013	.06	.0023	.0040	.009
%RSD	3.632	.0828	.6701	.2320	2.636	.2565	40.64	1947.	.7383
#1	.0033	12.29	.0736	2.882	.0527	23.38	.0082	.0039	1.244
#2	.0031	12.27	.0726	2.895	.0505	23.50	.0046	-.0041	1.262
#3	.0031	12.28	.0729	2.888	.0502	23.47	.0041	.0008	1.248

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0183**	**4.714**	**2.612**	**.0005**	**.0836**	**.1376**	**.1633**	**.0965**
Stddev	.0009	.008	.005	.0027	.0004	.0004	.0003	.0001
%RSD	4.738	.1644	.1886	499.2	.5358	.3157	.1649	.0876
#1	.0178	4.720	2.617	.0031	.0841	.1381	.1630	.0966
#2	.0178	4.706	2.612	-.0022	.0832	.1376	.1635	.0966
#3	.0193	4.718	2.607	.0007	.0835	.1372	.1634	.0965

Zoom In Zoom Out

Sample Name: jd58645-1 Acquired: 1/17/2023 10:21:19 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6596.7**	**104110.**	**12673.**	**2812.7**
Stddev	5.2	456.	79.	3.2
%RSD	.07816	.43843	.62674	.11532
#1	6595.2	103580.	12645.	2816.4
#2	6602.5	104380.	12763.	2811.5
#3	6592.6	104360.	12612.	2810.2

Zoom In Zoom Out

Sample Name: jd58645-2 Acquired: 1/17/2023 10:26:29 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0036**	**81.59**	**.0151**	**.2105**	**.5278**	**.0035**	**.4904**	F **788.4**	**.0040**
Stddev	.0004	.11	.0020	.0010	.0005	.0001	.0016	2.1	.0003
%RSD	10.67	.1370	13.22	.4848	.0999	1.682	.3286	.2636	8.610
#1	-.0032	81.65	.0164	.2100	.5279	.0035	.4900	787.9	.0039
#2	-.0039	81.47	.0160	.2097	.5283	.0036	.4890	790.7	.0037
#3	-.0038	81.67	.0128	.2116	.5273	.0035	.4921	786.6	.0044

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1714**	**.0805**	**.1464**	**.1051**	**70.52**	**14.86**	**.0849**	**41.10**	**1.587**
Stddev	.0015	.0003	.0005	.0004	.15	.04	.0019	.11	.001
%RSD	.8970	.3311	.3314	.3856	.2109	.2584	2.285	.2678	.0726
#1	.1708	.0803	.1462	.1048	70.65	14.90	.0853	41.17	1.586
#2	.1703	.0808	.1469	.1049	70.36	14.82	.0827	40.97	1.588
#3	.1732	.0804	.1460	.1056	70.55	14.87	.0865	41.15	1.588

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0055**	**14.07**	**.0948**	**3.400**	**.0637**	**22.94**	**.0066**	**.0045**	**.9655**
Stddev	.0007	.03	.0005	.006	.0020	.03	.0008	.0005	.0009
%RSD	12.70	.2072	.5324	.1720	3.101	.1287	12.80	11.39	.0936
#1	.0047	14.11	.0945	3.393	.0622	22.94	.0063	.0040	.9654
#2	.0059	14.06	.0954	3.403	.0629	22.91	.0075	.0051	.9664
#3	.0058	14.05	.0946	3.404	.0659	22.97	.0059	.0045	.9646

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0175**	**5.422**	**3.265**	**.0017**	**.1084**	**.1330**	**.3792**	**.1085**
Stddev	.0010	.006	.001	.0025	.0005	.0021	.0009	.0002
%RSD	5.970	.1106	.0266	145.3	.4398	1.551	.2393	.2162
#1	.0183	5.429	3.264	-.0001	.1090	.1312	.3784	.1086
#2	.0163	5.422	3.265	.0046	.1081	.1324	.3789	.1087
#3	.0179	5.417	3.266	.0007	.1082	.1352	.3802	.1083

Zoom In Zoom Out

Sample Name: jd58645-2 Acquired: 1/17/2023 10:26:29 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6555.8**	**103510.**	**12476.**	**2797.1**
Stddev	11.6	162.	90.	6.7
%RSD	.17682	.15640	.71929	.23966
#1	6569.0	103550.	12413.	2804.3
#2	6551.0	103640.	12579.	2795.9
#3	6547.4	103330.	12436.	2791.0

Zoom In Zoom Out

Sample Name: jd58645-3 Acquired: 1/17/2023 10:31:40 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0043**	**77.83**	**.0222**	**.1269**	**.3989**	**.0046**	**.5497**	F **762.6**	**.0009**
Stddev	.0002	.08	.0018	.0007	.0012	.0000	.0017	4.4	.0003
%RSD	4.480	.1074	8.216	.5474	.3041	.3465	.3029	.5824	28.74
#1	-.0045	77.87	.0243	.1275	.4002	.0046	.5499	760.2	.0010
#2	-.0041	77.88	.0209	.1270	.3986	.0046	.5479	760.0	.0006
#3	-.0043	77.73	.0215	.1262	.3978	.0046	.5513	767.8	.0012

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5858**	**.1006**	**.1892**	**.1339**	**139.7**	**29.26**	**.0755**	**59.03**	**2.345**
Stddev	.0009	.0000	.0008	.0002	.2	.02	.0020	.08	.006
%RSD	.1497	.0418	.4431	.1322	.1220	.0823	2.600	.1277	.2446
#1	.5852	.1005	.1899	.1338	139.8	29.23	.0767	59.09	2.351
#2	.5868	.1006	.1883	.1339	139.9	29.27	.0766	59.05	2.339
#3	.5854	.1006	.1894	.1341	139.5	29.28	.0733	58.95	2.344

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0077**	**7.584**	**.0837**	**4.715**	**.0425**	**31.63**	**.0113**	**-.0008**	**1.154**
Stddev	.0003	.011	.0004	.005	.0011	.02	.0023	.0018	.015
%RSD	3.282	.1467	.4221	.1120	2.698	.0741	20.60	226.9	1.262
#1	.0079	7.597	.0840	4.720	.0426	31.64	.0088	-.0002	1.163
#2	.0076	7.576	.0833	4.713	.0413	31.64	.0118	.0006	1.162
#3	.0074	7.581	.0837	4.710	.0436	31.60	.0134	-.0028	1.137

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0192**	**4.902**	**3.720**	**.0007**	**.1514**	**.1365**	**.4646**	**.1277**
Stddev	.0010	.009	.006	.0030	.0007	.0013	.0010	.0001
%RSD	4.948	.1800	.1495	451.9	.4305	.9338	.2119	.0490
#1	.0200	4.912	3.726	.0036	.1520	.1365	.4645	.1278
#2	.0195	4.901	3.715	-.0024	.1507	.1378	.4656	.1276
#3	.0182	4.894	3.719	.0007	.1517	.1353	.4636	.1277

Zoom In Zoom Out

Sample Name: jd58645-3 Acquired: 1/17/2023 10:31:40 Type: Unk
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6572.5**	**107940.**	**13093.**	**2927.1**
Stddev	8.0	689.	46.	6.3
%RSD	.12108	.63847	.35159	.21607
#1	6569.0	107380.	13144.	2929.0
#2	6566.9	108710.	13079.	2920.1
#3	6581.6	107740.	13055.	2932.3

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 10:36:50 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2597**	**41.57**	**2.157**	**2.162**	**2.120**	**2.017**	**2.107**	**39.31**	**2.116**
Stddev	.0010	.06	.001	.006	.002	.002	.006	.07	.003
%RSD	.3684	.1496	.0488	.2636	.0891	.1186	.2834	.1714	.1568
#1	.2591	41.59	2.156	2.157	2.120	2.018	2.102	39.31	2.112
#2	.2608	41.62	2.157	2.162	2.121	2.018	2.114	39.37	2.119
#3	.2592	41.50	2.158	2.168	2.118	2.014	2.105	39.24	2.117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.090**	**2.118**	**2.048**	**2.047**	**38.50**	**42.94**	**2.176**	**39.15**	**2.107**
Stddev	.009	.002	.007	.009	.08	.07	.003	.18	.007
%RSD	.4047	.0799	.3505	.4188	.2105	.1640	.1201	.4535	.3204
#1	2.087	2.120	2.049	2.043	38.50	43.02	2.176	39.20	2.106
#2	2.100	2.116	2.055	2.057	38.58	42.90	2.179	39.30	2.115
#3	2.084	2.118	2.041	2.041	38.42	42.90	2.173	38.96	2.101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.175**	**42.83**	**2.115**	**2.156**	**2.136**	**2.159**	**2.153**	**2.119**	**5.248**
Stddev	.004	.08	.001	.002	.002	.004	.005	.004	.003
%RSD	.1648	.1936	.0496	.0984	.0747	.1646	.2148	.1822	.0561
#1	2.172	42.88	2.116	2.154	2.135	2.155	2.147	2.116	5.245
#2	2.174	42.87	2.114	2.157	2.136	2.159	2.155	2.123	5.251
#3	2.179	42.73	2.116	2.157	2.138	2.163	2.155	2.117	5.247
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Zoom In Zoom Out

Sample Name: ccv Acquired: 1/17/2023 10:36:50 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.179**	**2.146**	**2.095**	**2.119**	**2.059**	**2.184**	**2.009**	**2.073**
Stddev	.004	.003	.007	.004	.007	.003	.004	.008
%RSD	.2009	.1591	.3503	.2013	.3304	.1122	.1907	.3680
#1	2.176	2.149	2.094	2.118	2.055	2.184	2.008	2.069
#2	2.177	2.147	2.102	2.116	2.067	2.182	2.006	2.082
#3	2.184	2.142	2.088	2.124	2.054	2.187	2.014	2.067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7029.5**	**106300.**	**12329.**	**2903.8**
Stddev	6.8	437.	74.	4.1
%RSD	.09657	.41150	.59813	.14056
#1	7024.8	106330.	12293.	2905.4
#2	7037.3	105850.	12280.	2906.8
#3	7026.5	106730.	12414.	2899.1

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 10:41:41 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**-.0054**	**.0003**	**.0028**	**.0004**	**.0001**	**-.0008**	**-.0068**
Stddev	.0003	.0030	.0003	.0006	.0002	.0001	.0011	.0018
%RSD	31.85	56.44	113.0	22.45	61.08	134.3	139.2	26.45
#1	-.0012	-.0071	.0001	.0026	.0005	.0001	.0000	-.0053
#2	-.0006	-.0019	.0007	.0035	.0005	-.0000	-.0003	-.0088
#3	-.0012	-.0072	.0002	.0023	.0001	.0002	-.0021	-.0063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2599	K_7664	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0023**	**.0000**	**-.0001**	**-.0005**	**-.0009**	**-.0219**	**.0037**
Stddev	.0004	.0018	.0001	.0002	.0001	.0022	.0298	.0004
%RSD	382.2	77.47	378.6	149.1	18.11	234.4	135.8	11.13
#1	-.0003	.0039	-.0001	-.0002	-.0006	-.0015	-.0188	.0034
#2	.0003	.0026	-.0000	-.0004	-.0004	-.0028	-.0532	.0036
#3	-.0003	.0004	.0002	.0001	-.0005	.0015	.0062	.0042
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1774	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048**	**.0000**	**.0005**	**.1552**	**.0000**	F **-.0069**	**.0001**	**-.0020**
Stddev	.0252	.0000	.0002	.0020	.0004	.0006	.0009	.0002
%RSD	523.7	188.6	53.61	1.263	2574.	9.224	744.7	9.097
#1	-.0104	.0000	.0007	.1543	.0003	-.0061	-.0003	-.0018
#2	-.0090	.0000	.0003	.1575	-.0004	-.0072	.0011	-.0021
#3	.0339	-.0000	.0003	.1539	.0001	-.0073	-.0005	-.0019
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit						.0054		
Low Limit						-.0054		

Zoom In Zoom Out

Sample Name: ccb Acquired: 1/17/2023 10:41:41 Type: QC
Method: SGS NO VALVE3(v397) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0009**	**.0025**	**-.0001**	**.0001**	**.0007**	**.0012**	**-.0001**
Stddev	.0013	.0017	.0005	.0003	.0001	.0004	.0005	.0003
%RSD	164.1	188.6	19.79	283.0	172.1	62.84	39.40	221.6
#1	-.0005	-.0010	.0023	-.0004	.0002	.0010	.0013	-.0003
#2	.0021	.0024	.0021	.0002	-.0000	.0010	.0007	-.0004
#3	.0007	.0013	.0031	-.0001	.0001	.0002	.0017	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	W_2079	Zn2062	Zr3391
Units	ppm	ppm	ppm
Avg	**.0011**	**-.0007**	**-.0000**
Stddev	.0009	.0002	.0001
%RSD	83.45	26.23	158.1
#1	.0004	-.0006	-.0000
#2	.0021	-.0006	.0000
#3	.0008	-.0009	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_3600	Y_3710	Y_2243
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7267.5**	**109660.**	**12401.**	**2957.2**
Stddev	3.9	378.	45.	1.2
%RSD	.05314	.34483	.36188	.04167
#1	7264.9	109650.	12394.	2955.8
#2	7271.9	110040.	12359.	2958.0
#3	7265.6	109280.	12448.	2957.8

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ag 328.068 {103}	☒	17	Mn	0.000056	0.000000	No
			Mo	-0.000079	0.000000	No
			Ti	-0.000230	0.000000	No
			V	-0.004155	0.000000	No
			Zr	0.006800	0.000000	No
			Sb	-0.000013	0.000000	No
			Mg	-0.000004	0.000000	No
			Ca	0.000002	0.000000	No
			Fe	-0.000238	0.000000	No
			Al	-0.000003	0.000000	No
			Zn	-0.000025	0.000000	No
			Ba	0.000513	0.000000	No
			Ni	-0.000021	0.000000	No
			Cr	0.000013	0.000000	No
			As	0.000081	0.000000	No
			Ce	-0.001112	0.000000	No
			W	0.000000	0.000000	No
Al 396.152 { 85}	☒	9	Ca	0.000067	0.000000	No
			Mo	0.049966	0.000000	No
			Ti	0.000037	0.000000	No
			Si	0.000228	0.000000	No
			Co	-0.000115	0.000000	No
			Li	-0.001000	0.000000	No
			Ba	0.000725	0.000000	No
			Zr	0.004878	0.000000	No
			Ce	-0.001000	0.000000	No
As 189.042 {478}	☒	24	Al	0.000017	0.000000	No
			Fe	-0.000056	0.000000	No
			Ca	0.000004	0.000000	No
			Mn	-0.000148	0.000000	No
			Mo	0.002256	0.000000	No
			Cr	0.000400	0.000000	No
			Co	-0.000023	0.000000	No
			Si	-0.000147	0.000000	No
			Cu	0.000120	0.000000	No
			Mg	-0.000006	0.000000	No
			Cd	0.000560	0.000000	No
			Sn	-0.000017	0.000000	No
			Zn	-0.000045	0.000000	No
			Zr	-0.000145	0.000000	No
			Sb	0.000022	0.000000	No
			Ti	0.000060	0.000000	No
			Ni	0.000131	0.000000	No
			W	-0.005000	0.000000	No
			S	0.000000	0.000000	No
			Ba	-0.000070	0.000000	No
			Sr	0.000000	0.000000	No
			V	0.000113	0.000000	No
			Ce	-0.000560	0.000000	No
			B	0.000020	0.000000	No
B 208.959 {462}	☒	1	Mo	0.032260	0.000000	No
Ba 455.403 { 74}	☒	3	Al	0.000000	0.000000	No
			Zr	0.000824	0.000000	No
			Mn	0.000000	0.000000	No
Be 313.042 {108}	☒	13	V	0.000042	0.000000	No
			Mo	-0.000040	0.000000	No
			Ti	-0.000742	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				Mn	0.000006	0.000000	No
				Ba	-0.000013	0.000000	No
				Zn	0.000010	0.000000	No
				Sb	-0.000021	0.000000	No
				Ag	0.000060	0.000000	No
				Sn	0.000010	0.000000	No
				Fe	-0.000000	0.000000	No
				K	0.000000	0.000000	No
				Ca	-0.000000	0.000000	No
				Al	0.000000	0.000000	No
	Bi 223.061 {451}	☒	9	Fe	0.000112	0.000000	No
				Ti	-0.166803	0.000000	No
				Co	-0.003172	0.000000	No
				Cr	0.001172	0.000000	No
				Cu	-0.001562	0.000000	No
				V	-0.000498	0.000000	No
				W	0.000000	0.000000	No
				Ce	0.000000	0.000000	No
				Ca	-0.000013	0.000000	No
	Ca 317.933 {106}	☒	5	Al	0.000043	0.000000	No
				Fe	0.000046	0.000000	No
				Mg	0.000071	0.000000	No
				Ti	-0.000042	0.000000	No
				Co	0.001523	0.000000	No
	Cd 228.802 {448}	☒	14	As	0.029272	0.000000	No
				Ni	-0.000260	0.000000	No
				Fe	0.000025	0.000000	No
				Ba	0.000100	0.000000	No
				Co	-0.001124	0.000000	No
				Al	0.000002	0.000000	No
				Mg	0.000000	0.000000	No
				Ca	0.000000	0.000000	No
				Mn	-0.000014	0.000000	No
				Ti	-0.000049	0.000000	No
				Cu	0.000009	0.000000	No
				Sr	-0.000050	0.000000	No
				W	-0.000194	0.000000	No
				Cr	0.000010	0.000000	No
	Ce 404.076 { 83}	☒	2	Mn	-0.006412	0.000000	No
				Zr	-0.008244	0.000000	No
	Co 228.616 {448}	☒	5	Fe	-0.000001	0.000000	No
				Ca	-0.000003	0.000000	No
				Mg	0.000001	0.000000	No
				Ti	0.002200	0.000000	No
				Mo	-0.001460	0.000000	No
	Cr 267.716 {126}	☒	8	Mn	0.000098	0.000000	No
				Mo	-0.000153	0.000000	No
				Co	0.000007	0.000000	No
				Al	0.000000	0.000000	No
				Sn	0.000032	0.000000	No
				Ti	0.000042	0.000000	No
				Ca	0.000000	0.000000	No
				Fe	-0.000003	0.000000	No
	Cu 324.754 {104}2	☒	9	Cr	0.000009	0.000000	No
				Mn	-0.000130	0.000000	No
				Zn	0.000037	0.000000	No
				Fe	-0.000135	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			V	-0.000357	0.000000	No
			Ni	-0.000268	0.000000	No
			W	0.000000	0.000000	No
			Ti	0.000086	0.000000	No
			Zr	0.000200	0.000000	No
Fe 259.940 {130}	☒	11	Cr	0.000237	0.000000	No
			Zn	0.000466	0.000000	No
			Al	0.000022	0.000000	No
			Co	0.000318	0.000000	No
			Cd	0.011030	0.000000	No
			Sn	-0.000019	0.000000	No
			Ti	-0.000710	0.000000	No
			Si	0.000053	0.000000	No
			Ca	0.000050	0.000000	No
			Ba	0.000400	0.000000	No
			Mn	-0.000272	0.000000	No
In 230.606 {446}*	☒	None				
K 766.490 { 44}	☒	None				
Li 670.784 { 50}	☒	2	Ca	0.000022	0.000000	No
			Fe	0.000000	0.000000	No
Mg 279.079 {121}	☒	3	Mo	-0.021115	0.000000	No
			Pb	-0.000009	0.000000	No
			Fe	-0.000081	0.000000	No
Mn 257.610 {131}	☒	2	Fe	-0.000064	0.000000	No
			Mo	0.000011	0.000000	No
Mo 202.030 {467}	☒	6	Ti	0.000050	0.000000	No
			Mg	-0.000005	0.000000	No
			Ca	0.000000	0.000000	No
			Fe	-0.000006	0.000000	No
			V	-0.000100	0.000000	No
			W	-0.000612	0.000000	No
Na 589.592 { 57}	☒	1	Al	0.000039	0.000000	No
Ni 231.604 {446}	☒	7	Cr	-0.000028	0.000000	No
			Mo	-0.000041	0.000000	No
			Fe	0.000029	0.000000	No
			Zn	0.000017	0.000000	No
			Co	-0.000329	0.000000	No
			Ti	0.000010	0.000000	No
			W	-0.000073	0.000000	No
P 177.495 {490}	☒	2	Mn	-0.004648	0.000000	No
			Cu	-0.041519	0.000000	No
Pb 220.353 {453}	☒	22	Al	-0.000128	0.000000	No
			Ca	-0.000005	0.000000	No
			Mn	0.000066	0.000000	No
			Zn	0.000027	0.000000	No
			Mo	-0.001774	0.000000	No
			Ni	0.000056	0.000000	No
			Cu	0.000235	0.000000	No
			V	0.000017	0.000000	No
			Co	0.000060	0.000000	No
			Ti	0.000178	0.000000	No
			Si	-0.000050	0.000000	No
			Mg	0.000007	0.000000	No
			Sb	0.000041	0.000000	No
			Cr	-0.000200	0.000000	No
			Sn	0.000010	0.000000	No
			Fe	0.000027	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			W	0.000000	0.000000	No
			Sr	-0.000036	0.000000	No
			Zr	-0.000035	0.000000	No
			S	0.000010	0.000000	No
			Ce	0.000000	0.000000	No
			As	0.000050	0.000000	No
S 182.034 {485}	☒	10	Ca	-0.000015	0.000000	No
			Mo	-0.003422	0.000000	No
			Al	-0.000024	0.000000	No
			Fe	0.000008	0.000000	No
			Mn	0.002516	0.000000	No
			W	-0.028620	0.000000	No
			Mg	0.000012	0.000000	No
			Cr	0.000119	0.000000	No
			V	0.000018	0.000000	No
			B	-0.000196	0.000000	No
Sb 206.833 {463}	☒	18	Fe	-0.000016	0.000000	No
			Al	-0.000015	0.000000	No
			Ca	-0.000002	0.000000	No
			Ni	-0.000986	0.000000	No
			Cr	0.014536	0.000000	No
			V	-0.002430	0.000000	No
			Zn	-0.000104	0.000000	No
			Mo	-0.005773	0.000000	No
			Ti	0.000078	0.000000	No
			Sn	-0.013019	0.000000	No
			Mn	0.000100	0.000000	No
			Co	-0.000336	0.000000	No
			Se	-0.000075	0.000000	No
			Zr	0.000000	0.000000	No
			W	-0.010000	0.000000	No
			Mg	-0.000003	0.000000	No
			S	-0.000017	0.000000	No
			Ce	-0.001909	0.000000	No
Se 196.090 {472}	☒	19	Al	-0.000009	0.000000	No
			Ca	0.000001	0.000000	No
			Mn	0.000349	0.000000	No
			Mo	0.000268	0.000000	No
			Co	-0.000296	0.000000	No
			Cu	-0.000107	0.000000	No
			Mg	-0.000005	0.000000	No
			Ti	0.000041	0.000000	No
			Zn	-0.000077	0.000000	No
			Fe	-0.000224	0.000000	No
			Si	0.000068	0.000000	No
			B	-0.000043	0.000000	No
			Ba	0.000050	0.000000	No
			S	-0.000033	0.000000	No
			Zr	-0.000206	0.000000	No
			V	0.000359	0.000000	No
			W	0.000000	0.000000	No
			Sn	0.000000	0.000000	No
			Ce	-0.002000	0.000000	No
Si 212.412 {459}	☒	12	Mn	0.000152	0.000000	No
			Fe	-0.000021	0.000000	No
			Ca	0.000041	0.000000	No
			Ni	0.000391	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				Cd	0.001794	0.000000	No
				Cr	0.001112	0.000000	No
				Mo	0.028700	0.000000	No
				Ti	0.004391	0.000000	No
				Ba	0.000825	0.000000	No
				Sn	0.005204	0.000000	No
				V	0.001738	0.000000	No
				Zr	0.000400	0.000000	No
	Sn 189.989 {478}	☒	5	Ti	-0.001669	0.000000	No
				Fe	-0.000028	0.000000	No
				Mo	-0.000051	0.000000	No
				Zr	0.000976	0.000000	No
				W	-0.000530	0.000000	No
	Sr 407.771 { 83}	☒	3	Ca	0.000019	0.000000	No
				Zr	-0.000004	0.000000	No
				Ce	0.001360	0.000000	No
	Ti 334.904 {101}	☒	5	Cr	0.000072	0.000000	No
				Mo	0.001499	0.000000	No
				Zr	0.000002	0.000000	No
				W	0.000004	0.000000	No
				V	0.000064	0.000000	No
	Tl 190.856 {477}	☒	31	Cr	0.000330	0.000000	No
				Mo	-0.007317	0.000000	No
				Al	-0.000013	0.000000	No
				V	-0.023889	0.000000	No
				Mn	0.001970	0.000000	No
				Si	-0.000121	0.000000	No
				Ca	-0.000002	0.000000	No
				Ti	-0.001528	0.000000	No
				Cu	0.000040	0.000000	No
				Co	0.003000	0.000000	No
				Sr	-0.000233	0.000000	No
				Zn	0.000069	0.000000	No
				Pb	0.000032	0.000000	No
				Mg	-0.000001	0.000000	No
				Ba	-0.000101	0.000000	No
				W	-0.018410	0.000000	No
				B	-0.000349	0.000000	No
				Ni	-0.000034	0.000000	No
				Sn	0.000010	0.000000	No
				Fe	-0.000056	0.000000	No
				Li	-0.000224	0.000000	No
				S	-0.000010	0.000000	No
				As	-0.000564	0.000000	No
				Bi	-0.000040	0.000000	No
				P	0.000021	0.000000	No
				Cd	0.000117	0.000000	No
				Sb	0.000034	0.000000	No
				K	0.000000	0.000000	No
				Zr	0.000059	0.000000	No
				Be	-0.000289	0.000000	No
				Ce	-0.002050	0.000000	No
	V 292.402 {115}	☒	6	Fe	0.000010	0.000000	No
				Ti	0.000440	0.000000	No
				Mo	-0.013150	0.000000	No
				Co	-0.000085	0.000000	No
				Cr	-0.002760	0.000000	No

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
			Mn	-0.000620	0.000000	No
W 207.911 {462}	☒	3	V	0.000064	0.000000	No
			Zn	0.009425	0.000000	No
			Fe	0.000002	0.000000	No
Y 360.073 { 94}*	☒	None				
Y 371.030 { 91}*	☒	None				
Y 224.306 {451}*	☒	None				
Zn 206.200 {464}	☒	14	Cr	-0.001000	0.000000	No
			Mo	-0.000376	0.000000	No
			Fe	0.000011	0.000000	No
			Co	0.000122	0.000000	No
			Ni	0.000058	0.000000	No
			Se	0.000849	0.000000	No
			Ca	0.000003	0.000000	No
			Ti	0.000131	0.000000	No
			Sn	0.000068	0.000000	No
			V	-0.000012	0.000000	No
			Al	0.000001	0.000000	No
			Si	0.000017	0.000000	No
			Zr	0.000269	0.000000	No
			Bi	-0.002270	0.000000	No
Zr 339.198 { 99}	☒	14	Fe	-0.000017	0.000000	No
			Si	0.000631	0.000000	No
			Ba	-0.000049	0.000000	No
			Sn	0.000146	0.000000	No
			Sb	-0.000067	0.000000	No
			V	0.000026	0.000000	No
			W	0.000000	0.000000	No
			Ti	0.000107	0.000000	No
			Al	0.000001	0.000000	No
			Ca	-0.000001	0.000000	No
			Li	0.000000	0.000000	No
			Bi	0.000607	0.000000	No
			Mn	0.000059	0.000000	No
			Mo	0.000801	0.000000	No

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)
Ag 328.068 {103}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000401	0.127058	0.000000	1.000000
Al 396.152 { 85}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.001107	0.026955	0.000000	1.000000
As 189.042 {478}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000255	0.138048	0.000000	1.000000
B 208.959 {462}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000424	0.194454	0.000000	1.000000
Ba 455.403 { 74}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.002461	1.818459	0.000000	1.000000
Be 313.042 {108}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000178	2.325399	0.000000	1.000000
Bi 223.061 {451}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000021	0.269098	0.000000	1.000000
Ca 317.933 {106}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.004203	0.071341	0.000000	1.000000
Cd 228.802 {448}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000462	0.899987	0.000000	1.000000
Ce 404.076 { 83}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	1/Conc	-0.000223	0.027897	0.000000	1.000000
Co 228.616 {448}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000370	0.413266	0.000000	1.000000
Cr 267.716 {126}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000054	0.105733	0.000000	1.000000
Cu 324.754 {104}2	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.004421	0.171674	0.000000	1.000000
Fe 259.940 {130}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000254	0.039037	0.000000	1.000000
In 230.606 {446}*	1/17/2023 10:53:04	5/1/2013 13:59:18	Linear	None	0.000000	0.000000	0.000000	1.000000
K 766.490 { 44}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000279	0.016573	0.000000	1.000000
Li 670.784 { 50}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.001632	0.398310	0.000000	1.000000
Mg 279.079 {121}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000011	0.006621	0.000000	1.000000
Mn 257.610 {131}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000012	0.240155	0.000000	1.000000
Mo 202.030 {467}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000329	0.838212	0.000000	1.000000
Na 589.592 { 57}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000255	0.062798	0.000000	1.000000
Ni 231.604 {446}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000356	0.327011	0.000000	1.000000
P 177.495 {490}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	1/Conc	-0.012118	0.117638	0.000000	1.000000
Pb 220.353 {453}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000010	0.145910	0.000000	1.000000
S 182.034 {485}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000543	0.070753	0.000000	1.000000
Sb 206.833 {463}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.001621	0.192693	0.000000	1.000000
Se 196.090 {472}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000278	0.094878	0.000000	1.000000
Si 212.412 {459}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.001770	0.227822	0.000000	1.000000
Sn 189.989 {478}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000151	0.147099	0.000000	1.000000
Sr 407.771 { 83}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000340	1.535796	0.000000	1.000000
Ti 334.904 {101}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.000060	0.149528	0.000000	1.000000
Tl 190.856 {477}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000437	0.049144	0.000000	1.000000
V 292.402 {115}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000142	0.161274	0.000000	1.000000
W 207.911 {462}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.002295	0.380348	0.000000	1.000000
Y 360.073 { 94}*	1/17/2023 10:53:04	5/1/2013 13:59:18	Linear	None	0.000000	0.000000	0.000000	1.000000
Y 371.030 { 91}*	1/17/2023 10:53:04	5/1/2013 13:59:18	Linear	None	0.000000	0.000000	0.000000	1.000000
Y 224.306 {451}*	1/17/2023 10:53:04	5/1/2013 13:59:18	Linear	None	0.000000	0.000000	0.000000	1.000000
Zn 206.200 {464}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	0.001350	1.178496	0.000000	1.000000
Zr 339.198 { 99}	1/17/2023 10:53:04	1/16/2023 11:34:16	Linear	None	-0.000076	0.327932	0.000000	1.000000

	Element, Wavelength and Order	Correlation	Std Error of Est	Predicted MDL	Predicted MQL	Status	Reslope		QC Norm	
							Slope	Y-int	Slope factor	Offset
	Ag 328.068 {103}	1.000000	0.000000	0.000479	0.001596	OK.	1.000000	0.000000	1	0
	Al 396.152 { 85}	1.000000	0.000000	0.014172	0.047241	OK.	1.000000	0.000000	1	0
	As 189.042 {478}	1.000000	0.000000	0.001468	0.004892	OK.	1.000000	0.000000	1	0
	B 208.959 {462}	1.000000	0.000000	0.001116	0.003720	OK.	1.000000	0.000000	1	0
	Ba 455.403 { 74}	1.000000	0.000000	0.000277	0.000923	OK.	1.000000	0.000000	1	0
	Be 313.042 {108}	1.000000	0.000000	0.000079	0.000264	OK.	1.000000	0.000000	1	0
	Bi 223.061 {451}	1.000000	0.000000	0.001652	0.005505	OK.	1.000000	0.000000	1	0
	Ca 317.933 {106}	1.000000	0.000000	0.003185	0.010618	OK.	1.000000	0.000000	1	0
	Cd 228.802 {448}	1.000000	0.000000	0.000310	0.001035	OK.	1.000000	0.000000	1	0
	Ce 404.076 { 83}	1.000000	0.000000	0.003530	0.011765	OK.	1.000000	0.000000	1	0
	Co 228.616 {448}	1.000000	0.000000	0.000434	0.001445	OK.	1.000000	0.000000	1	0
	Cr 267.716 {126}	1.000000	0.000000	0.000371	0.001238	OK.	1.000000	0.000000	1	0
	Cu 324.754 {104}2	1.000000	0.000000	0.000347	0.001155	OK.	1.000000	0.000000	1	0
	Fe 259.940 {130}	1.000000	0.000000	0.002740	0.009135	OK.	1.000000	0.000000	1	0
	In 230.606 {446}*	0.000000	0.000000	-1.000000	-1.000000	Warnin	1.000000	0.000000	1	0
	K 766.490 { 44}	1.000000	0.000000	0.044060	0.146865	OK.	1.000000	0.000000	1	0
	Li 670.784 { 50}	1.000000	0.000000	0.001816	0.006055	OK.	1.000000	0.000000	1	0
	Mg 279.079 {121}	1.000000	0.000000	0.021459	0.071531	OK.	1.000000	0.000000	1	0
	Mn 257.610 {131}	1.000000	0.000000	0.000057	0.000190	OK.	1.000000	0.000000	1	0
	Mo 202.030 {467}	1.000000	0.000000	0.000339	0.001130	OK.	1.000000	0.000000	1	0
	Na 589.592 { 57}	1.000000	0.000000	0.011420	0.038068	OK.	1.000000	0.000000	1	0
	Ni 231.604 {446}	1.000000	0.000000	0.000487	0.001624	OK.	1.000000	0.000000	1	0
	P 177.495 {490}	1.000000	0.000000	0.001934	0.006448	OK.	1.000000	0.000000	1	0
	Pb 220.353 {453}	1.000000	0.000000	0.001630	0.005435	OK.	1.000000	0.000000	1	0
	S 182.034 {485}	1.000000	0.000000	0.003051	0.010171	OK.	1.000000	0.000000	1	0
	Sb 206.833 {463}	1.000000	0.000000	0.001750	0.005833	OK.	1.000000	0.000000	1	0
	Se 196.090 {472}	1.000000	0.000000	0.002690	0.008966	OK.	1.000000	0.000000	1	0
	Si 212.412 {459}	1.000000	0.000000	0.001410	0.004699	OK.	1.000000	0.000000	1	0
	Sn 189.989 {478}	1.000000	0.000000	0.001130	0.003767	OK.	1.000000	0.000000	1	0
	Sr 407.771 { 83}	1.000000	0.000000	0.000135	0.000450	OK.	1.000000	0.000000	1	0
	Ti 334.904 {101}	1.000000	0.000000	0.000373	0.001244	OK.	1.000000	0.000000	1	0
	Tl 190.856 {477}	1.000000	0.000000	0.002455	0.008182	OK.	1.000000	0.000000	1	0
	V 292.402 {115}	1.000000	0.000000	0.000335	0.001117	OK.	1.000000	0.000000	1	0
	W 207.911 {462}	1.000000	0.000000	0.001530	0.005100	OK.	1.000000	0.000000	1	0
	Y 360.073 { 94}*	0.000000	0.000000	0.000796	0.002654	Warnin	1.000000	0.000000	1	0
	Y 371.030 { 91}*	0.000000	0.000000	0.002186	0.007287	Warnin	1.000000	0.000000	1	0
	Y 224.306 {451}*	0.000000	0.000000	0.004215	0.014050	Warnin	1.000000	0.000000	1	0
	Zn 206.200 {464}	1.000000	0.000000	0.000206	0.000688	OK.	1.000000	0.000000	1	0
	Zr 339.198 { 99}	1.000000	0.000000	0.000211	0.000705	OK.	1.000000	0.000000	1	0

SGS North America Inc.

Aqueous Metals Digestion Form

Batch Information

Batch ID	Start Date	Start Time	End Date	End time	QC Samp 1	QC Samp 2
MP37450	1/16/2023	12:00	1/16/2023	17:30	JD58550-2A	

Temperature

		Block ID1	Therm. ID#	Temperature	Correction	Corrected Temp
1	Start	MP-9	1124655	95	0	95
1	End	MP-9	1124655	95	0	95
2	Start					
2	End					

Methods and Equipment

	Dig. Method	Heating Method		Auto Pipette #	Digestion Tube Lot #	
	SW846 3010A	Digestion Block		M-81	2210117	

Sample ID	Bottle Number	pH<2 (Y/N)	Initial Sample Volume	Final Volume in ML	Reagent Groups Added	Spike Groups Added	Comments
MP37450-MB1	N/A	N	50	50	AB		
MP37450-B1	N/A	N	50	50	AB	ABCD	
MP37450-S1	2.1	N	50	50	AB	ABCD	*
MP37450-S2	2.1	N	50	50	AB	ABCD	*
MP37450-SD1	2.1	N	50	50	AB		*
JD56962-2R	1.3	Y	50	50	AB		
JD58458-5R	1.5	Y	50	50	AB		
JD58550-14A	1.2	Y	50	50	AB		
JD58550-15A	1.2	Y	50	50	AB		
JD58550-2A	2.1	N	50	50	AB		*
JD58550-4A	1.1	Y	50	50	AB		
MP37450-LB1	N/A	N	50	50	AB		*
MP37450-LS1	N/A	N	50	50	AB	ABCD	*

Reagents Groups

Group	Description	MLs Used
A	CONC HNO3	3
B	1:1 HCL	5
C		
D		
E		
F		
G		
H		

Spike Groups

Group	Description	MLs Used
A	ACCUTEST 13A REV1	0.5
B	ACCUTEST 14A REV1	0.5
C	MINERALS 5000 PPM	0.25
D	AG 20 PPM	0.625
E		
F		
G		
H		
I		

Comments: *0.5 ML OF CONC HNO3 WAS ADDED TO MAKE PH<2 @ 11:55

Analyst SARAHF **Approved by** PATM **Approved on** 1/17/2023

Note: Reagent traceability for batch Start Date can be seen on the reagent traceability page for this batch.
Serial Dilution samples shown for QC purposes only.
Acceptable Temperature range is 90-95 degrees C unless otherwise noted

SGS

Metals Digestion Reagents Information Log

Digestion Batch ID: MP37450 DATE: 01/16/23

Matrix: ALL

Standard/Reagent Type	Exp. Date	Standard/Reagent ID
Spiking Solution- (ACCUTEST 13A REV1)	05/10/2023	MP-21-58-80
Spiking Solution- (ACCUTEST 14A REV1)	6/6/2023	MP-21-58-84
Spiking Solution - 5000 mg/l Minerals	11/1/2023	T2-MEB722086 MFG: INO.VENT.
Spiking Solution - Sulfur 1000ppm	5/17/2024	LOT: 051721 MFG: ABSOLUTE STD.
Spiking Solution - Si 1000ppm	5/10/2023	S2-S1700841 MFG: INO.VENT.
Spiking Solution - Bi 1000ppm	6/30/2023	S2-Bi706253 MFG: INO.VENT.
Spiking Solution - Se 20ppm	5/28/2023	MP-21-58-83
Spiking Solution - Li 1000ppm	11/2/2023	T2-LI718262 MFG: INO.VENT.
Spiking Solution- Ag 20 ppm	6/30/2023	MP-21-58-86
Spiking Solution - (ACCUTEST 13B REV1)	6/29/2023	MP-21-58-87
Spiking Solution - (ACCUTEST 14B REV1)	6/29/2023	MP-21-58-88
Spiking Solution - 1000ppm Minerals	2/28/2023	MP-21-58-69
Spiking Solution- P		
Nitric Acid	1/11/2024	LOT:22220132 MFG: FISHER
Nitric Acid (1:1)	6/27/2023	MP-21-60-160 1:1 HNO3 MFG: FISHER
Hydrochloric Acid	1/5/2024	LOT:4122060 MFG: FISHER
Hydrochloric Acid (1:1)	6/30/2023	MP-21-60-157 1:1 HCL MFG: FISHER
Hydrogen Peroxide	11/17/2024	LOT: 221315 MFG: FISHER
Soil Lab Control/Soil LC	7/6/2024	LOT: D110-540 MFG: ERA
Teflon Chips(For Soil MB and Blank Spike)	N/A	LOT: 27407287 MFG: SAINT-GOBAIN
Digestion Tubes	N/A	LOT: 2208065 MFG: ENV. EXPRESS
pH Paper	2/15/2024	LOT: 205521 MFG: HYDRION
Filter paper Q8	N/A	LOT: 17607330 MFG: FISHER

Spike witnessed By: SS

metals digestion reagents information log 2022
1/17/18

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Percent Solids Raw Data Summary

Percent Solids Raw Data Summary

Job Number: JD56962R
Account: SESINJPB SESI Consulting Engineers
Project: 100 Main Steet, White Plains, NY

Sample: JD56962-2 **Analyzed:** 14-DEC-22 by MP **Method:** SM2540 G 18TH ED MOD
ClientID: SB-13(4-4.5')

Wet Weight (Total)	22.31	g
Tare Weight	17.61	g
Dry Weight (Total)	21.51	g
Solids, Percent	83	%

Misc. Raw Data

Raw Data

SGS

TOXICITY CHARACTERISTIC LEACHING PROCEDURE FOR METALS & EXTRACTABLES, METHOD SW846 1311 (TCLPE)

NOTE: Only one lot of fluid 1 or fluid 2 may be used per sheet. Lots shown on page 2. **TC Batch ID: TCO769**

TCLPE

Samples		Container			Leaching Dates		Leaching Times				Extracted Masses			Preliminary Evaluation*					Extraction Fluid					
Sample ID	PS?* (Y/N)	No.	Type	Rot.	Started	Stopped	Start	Earliest Stop	Latest Stop	Actual Stop	Grams Total	%SOL	Grams Solid	Buffer TV	Step1 pH	Step 1 spin	Buffer TV	Step2 pH	Fluid #	pH	Pass?	Vol. (mL)	Buffer TV	Final pH
PH Buffer														4.00	4.01		4.00	4.01	#1 pH = 4.93 ± 0.05 #2 pH = 2.88 ± 0.05				4.00	4.01
PH Buffer														7.00	7.01		7.00	7.01					7.00	7.00
PH Buffer														10.00	9.99		10.00	9.99					10.00	10.01
LB (fluid #1)	N	58	M/E	9	13-Jan-23	14-Jan-23	15:37	7:37	11:37	9:37	NA	NA	NA	NA	NA	NA	NA	NA	1	4.93	YES	2000	NA	4.81
LB (fluid #2)	N	NA	M/E	9	13-Jan-23	14-Jan-23	15:37	7:37	11:37	9:37	NA	NA	NA	NA	NA	NA	NA	NA	2	2.89	YES	2000	NA	NA
JD58507-1	N	13	M/E	9	13-Jan-23	14-Jan-23	15:37	7:37	11:37	9:37	100.77	100	100.77	NA	7.41	5 mins	NA	1.64	1	4.93	YES	2015.4	NA	5.31
JD58550-2A	N	15	M/E	9	13-Jan-23	14-Jan-23	15:37	7:37	11:37	9:37	100.39	100	100.39	NA	5.33	5 mins	NA	1.62	1	4.93	YES	2007.8	NA	4.81
JD58550-4A	N	18	M/E	9	13-Jan-23	14-Jan-23	15:37	7:37	11:37	9:37	100.30	100	100.30	NA	7.12	5 mins	NA	1.62	1	4.93	YES	2006	NA	5.71
JD58550-14A	N	19	M/E	9	13-Jan-23	14-Jan-23	15:37	7:37	11:37	9:37	100.44	100	100.44	NA	8.17	5 mins	NA	1.62	1	4.93	YES	2008.8	NA	4.99
JD58550-15A	N	25	M/E	9	13-Jan-23	14-Jan-23	15:37	7:37	11:37	9:37	100.20	100	100.20	NA	8.25	5 mins	NA	1.73	1	4.93	YES	2004	NA	4.96
JD56962-2R	N	32	M/E	9	13-Jan-23	14-Jan-23	15:37	7:37	11:37	9:37	100.40	100	100.40	NA	7.16	5 mins	NA	1.93	1	4.93	YES	2008	NA	6.62
JD58458-5R	N	40	M/E	9	13-Jan-23	14-Jan-23	15:37	7:37	11:37	9:37	100.29	100	100.29	NA	8.05	5 mins	NA	1.94	1	4.93	YES	2005.8	NA	5.79
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
PH Buffer														4.00	4.03		2.00	2.03					4.00	4.02
PH Buffer														10.00	10.00		4.00	4.03					10.00	10.01
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
												100	0.00	NA		5 mins	NA		1	4.93	YES		NA	
PH Buffer														4.00	4.03		2.00	2.03					4.00	4.02
PH Buffer														10.00	10.00		4.00	4.03					7.00	7.02

Comments and additional information continued on the next page. (*PS=particle sizing)

Data Reviewer / Date: _____ Set-up analyst: NF Take-down analyst: NF

Form: AGN-TCLPE-07bRevised: 18-Jun-17Validated: AD, 18-Jun-17

SGS ACCUTEST

TOXICITY CHARACTERISTIC LEACHING PROCEDURE FOR METALS & EXTRACTABLES, METHOD SW846 1311 (TCLPE)

TC Batch ID: TCO769

Balance ID: B54

pH meter ID: PH 67

Temperature ranges during leaching. (Must be from 20.5-25.4 °C, and recorded for each leaching period).

	Uncorrected Temperatures			Corrected Temperatures		
Probe ID	Minimum	Maximum	CF	Minimum	Maximum	For rotator(s)
56418			0	0.00	0.00	7 & 8
50266	21.00	21.00	0	21.00	21.00	9 & 10
56717			0	0.00	0.00	4
45776			0	0.00	0.00	5
49504			0	0.00	0.00	11 & 12

Rotator revolution rates. (Must be from 28-32 rpm, and check weekly for all rotators).

Rotator ID:	Rate:	Last measured:
4	32	29-Oct-22
5	29	29-Oct-22
7	28	29-Oct-22
8	NA	22-Apr-21
9	32	29-Oct-22
10	32	29-Oct-22
11	NA	7-Sep-21
12	28	29-Oct-22

***Preliminary Evaluation Temperature (49.5-50.4 °C, heat for 10 min)**

Thermometer ID: 5624720

Expiration: 13-Jul-23

Recorded temperature: 50

Heating time: Start:

End:

Reagent Information	Reagent ID or Manufacturer Lot	Expiration Date
Reagent		
Extraction fluid 1	GNE10-72115-TCLP	15-Jan-2023
Extraction fluid 2	GNE10-72116-TCLP	15-Jan-2023
TCLP filters	Env. Exp. Lot 115066-2038-AG	N/A
Filter acid-rinse solution	GNE7-70898-TCLP	20-Jan-2023
pH 2 buffer	FISHER 210051	1-Mar-2023
pH 4 buffer	FISHER 215966	1-Nov-2023
pH 7 buffer	FISHER 215965	1-Sep-2023
pH 10 buffer	FISHER 210276	1-Feb-2023
pH 12 buffer	N/A	N/A
pH 13 buffer	RICCA 2107D21	1-Jan-2023
Nitric acid, concentrated	REAGENTS 8203522	31-Jan-2024
Nitric acid, 1N		
1N HCl	GNE6-70547-TCLP	12/2/2022

Form: AGN-TCLPE-07bRevised: 18-Jun-17Validated: AD, 18-Jun-17

Sample Summary

SESI Consulting Engineers

Job No: JD57603

100 Main Steet, White Plains, NY
Project No: 12461

	Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
	JD57603-1	12/19/22	10:25	TAJ	12/20/22	SO	Soil	SB30(1-1.5)
*	JD57603-1A	12/19/22	10:25	TAJ	12/20/22	SO	Soil	SB30(1-1.5)
	JD57603-2	12/19/22	10:20	TAJ	12/20/22	SO	Soil	SB30(4-4.5)
*	JD57603-2A	12/19/22	10:20	TAJ	12/20/22	SO	Soil	SB30(4-4.5)
	JD57603-3	12/19/22	10:50	TAJ	12/20/22	SO	Soil	SB14(1.5-2)
*	JD57603-3A	12/19/22	10:50	TAJ	12/20/22	SO	Soil	SB14(1.5-2)
	JD57603-4	12/19/22	10:55	TAJ	12/20/22	SO	Soil	SB14(4.5-5)
*	JD57603-4A	12/19/22	10:55	TAJ	12/20/22	SO	Soil	SB14(4.5-5)
	JD57603-5	12/19/22	11:15	TAJ	12/20/22	SO	Soil	SB15(3.5-4)
*	JD57603-5A	12/19/22	11:15	TAJ	12/20/22	SO	Soil	SB15(3.5-4)
	JD57603-6	12/19/22	11:20	TAJ	12/20/22	SO	Soil	SB15(6-6.5)
*	JD57603-6A	12/19/22	11:20	TAJ	12/20/22	SO	Soil	SB15(6-6.5)

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

SESI Consulting Engineers

Job No: JD57603

100 Main Steet, White Plains, NY
Project No: 12461

	Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
	JD57603-7	12/19/22	11:45	TAJ	12/20/22	SO	Soil	SB20(3-3.5)
*	JD57603-7A	12/19/22	11:45	TAJ	12/20/22	SO	Soil	SB20(3-3.5)
	JD57603-8	12/19/22	11:50	TAJ	12/20/22	SO	Soil	SB20(5.5-6)
*	JD57603-8A	12/19/22	11:50	TAJ	12/20/22	SO	Soil	SB20(5.5-6)
	JD57603-9	12/19/22	12:05	TAJ	12/20/22	SO	Soil	SB19(2.5-3)
*	JD57603-9A	12/19/22	12:05	TAJ	12/20/22	SO	Soil	SB19(2.5-3)
	JD57603-10	12/19/22	12:10	TAJ	12/20/22	SO	Soil	SB19(6.5-7)
*	JD57603-10A	12/19/22	12:10	TAJ	12/20/22	SO	Soil	SB19(6.5-7)
	JD57603-11	12/19/22	12:25	TAJ	12/20/22	SO	Soil	SB22(.5-1)
*	JD57603-11A	12/19/22	12:25	TAJ	12/20/22	SO	Soil	SB22(.5-1)
	JD57603-12	12/19/22	12:30	TAJ	12/20/22	SO	Soil	SB22(4-4.5)
*	JD57603-12A	12/19/22	12:30	TAJ	12/20/22	SO	Soil	SB22(4-4.5)
	JD57603-13	12/19/22	12:58	TAJ	12/20/22	SO	Soil	SB21(2-2.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

SESI Consulting Engineers

Job No: JD57603

100 Main Steet, White Plains, NY
Project No: 12461

	Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
*	JD57603-13A	12/19/22	12:58	TAJ	12/20/22	SO	Soil	SB21(2-2.5)
	JD57603-14	12/19/22	13:00	TAJ	12/20/22	SO	Soil	SB21(5-5.5)
*	JD57603-14A	12/19/22	13:00	TAJ	12/20/22	SO	Soil	SB21(5-5.5)
	JD57603-15	12/19/22	13:10	TAJ	12/20/22	SO	Soil	SB18(3.5-4)
*	JD57603-15A	12/19/22	13:10	TAJ	12/20/22	SO	Soil	SB18(3.5-4)
	JD57603-16	12/19/22	13:15	TAJ	12/20/22	SO	Soil	SB18(7.5-8)
*	JD57603-16A	12/19/22	13:15	TAJ	12/20/22	SO	Soil	SB18(7.5-8)
	JD57603-17	12/19/22	13:45	TAJ	12/20/22	SO	Soil	SB16(1.5-2)
*	JD57603-17A	12/19/22	13:45	TAJ	12/20/22	SO	Soil	SB16(1.5-2)
	JD57603-18	12/19/22	13:50	TAJ	12/20/22	SO	Soil	SB16(6.5-7)
*	JD57603-18A	12/19/22	13:50	TAJ	12/20/22	SO	Soil	SB16(6.5-7)
	JD57603-19	12/19/22	14:00	TAJ	12/20/22	SO	Soil	SB17(1-1.5)
*	JD57603-19A	12/19/22	14:00	TAJ	12/20/22	SO	Soil	SB17(1-1.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

SESI Consulting Engineers

Job No: JD57603

100 Main Steet, White Plains, NY
Project No: 12461

	Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
	JD57603-20	12/19/22	14:05	TAJ	12/20/22	SO	Soil	SB17(6-6.5)
*	JD57603-20A	12/19/22	14:05	TAJ	12/20/22	SO	Soil	SB17(6-6.5)

* The following report applies to these samples only (9 day TAT).

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID: SB30(1-1.5)
Lab Sample ID: JD57603-1A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 94.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10710.D	1	01/07/23 18:01	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	4.97 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.86	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.86	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB30(1-1.5)		
Lab Sample ID:	JD57603-1A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.86	0.31	ug/kg	
919005-14-4	ADONA	ND	0.86	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.86	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.86	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	82%		20-150%
	13C5-PFPeA	76%		20-150%
	13C5-PFHxA	74%		20-150%
	13C4-PFHpA	74%		20-150%
	13C8-PFOA	78%		20-150%
	13C9-PFNA	81%		20-150%
	13C6-PFDA	83%		20-150%
	13C7-PFUnDA	80%		20-150%
	13C2-PFDoDA	69%		20-150%
	13C2-PFTeDA	60%		20-150%
	13C3-PFBS	76%		20-150%
	13C3-PFHxS	89%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB30(1-1.5)		
Lab Sample ID:	JD57603-1A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	80%		20-150%
	13C8-FOSA	76%		20-150%
	d3-MeFOSA	49%		20-150%
	d5-EtFOSA	52%		20-150%
	d3-MeFOSAA	90%		20-150%
	d5-EtFOSAA	87%		20-150%
	d7-MeFOSE	64%		20-150%
	d9-EtFOSE	68%		20-150%
	13C2-4:2FTS	84%		20-150%
	13C2-6:2FTS	90%		20-150%
	13C2-8:2FTS	92%		20-150%
	13C3-HFPO-DA	85%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB30(4-4.5)
Lab Sample ID: JD57603-2A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 96.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10713.D	1	01/07/23 18:42	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.83	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.83	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.83	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.83	0.62	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.10	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB30(4-4.5)		
Lab Sample ID:	JD57603-2A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	96.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.16	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.20	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.83	0.30	ug/kg	
919005-14-4	ADONA	ND	0.83	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.25	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.83	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.83	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	82%		20-150%
	13C5-PFPeA	76%		20-150%
	13C5-PFHxA	76%		20-150%
	13C4-PFHpA	76%		20-150%
	13C8-PFOA	75%		20-150%
	13C9-PFNA	86%		20-150%
	13C6-PFDA	72%		20-150%
	13C7-PFUnDA	69%		20-150%
	13C2-PFDoDA	61%		20-150%
	13C2-PFTeDA	51%		20-150%
	13C3-PFBS	78%		20-150%
	13C3-PFHxS	80%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB30(4-4.5)		
Lab Sample ID:	JD57603-2A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	96.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	71%		20-150%
	13C8-FOSA	78%		20-150%
	d3-MeFOSA	55%		20-150%
	d5-EtFOSA	57%		20-150%
	d3-MeFOSAA	88%		20-150%
	d5-EtFOSAA	73%		20-150%
	d7-MeFOSE	71%		20-150%
	d9-EtFOSE	78%		20-150%
	13C2-4:2FTS	85%		20-150%
	13C2-6:2FTS	91%		20-150%
	13C2-8:2FTS	77%		20-150%
	13C3-HFPO-DA	84%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB14(1.5-2)
Lab Sample ID: JD57603-3A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 93.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10714.D	1	01/07/23 18:56	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB14(1.5-2)		
Lab Sample ID:	JD57603-3A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	81%		20-150%
	13C5-PFPeA	80%		20-150%
	13C5-PFHxA	81%		20-150%
	13C4-PFHpA	76%		20-150%
	13C8-PFOA	76%		20-150%
	13C9-PFNA	77%		20-150%
	13C6-PFDA	75%		20-150%
	13C7-PFUnDA	74%		20-150%
	13C2-PFDoDA	69%		20-150%
	13C2-PFTeDA	59%		20-150%
	13C3-PFBS	73%		20-150%
	13C3-PFHxS	80%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB14(1.5-2)		
Lab Sample ID:	JD57603-3A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	80%		20-150%
	13C8-FOSA	83%		20-150%
	d3-MeFOSA	54%		20-150%
	d5-EtFOSA	54%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	78%		20-150%
	d7-MeFOSE	70%		20-150%
	d9-EtFOSE	79%		20-150%
	13C2-4:2FTS	92%		20-150%
	13C2-6:2FTS	92%		20-150%
	13C2-8:2FTS	81%		20-150%
	13C3-HFPO-DA	82%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB14(4.5-5)
Lab Sample ID: JD57603-4A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 93.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10715.D	1	01/07/23 19:10	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.86	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.86	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB14(4.5-5)		
Lab Sample ID:	JD57603-4A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.86	0.31	ug/kg	
919005-14-4	ADONA	ND	0.86	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.86	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.86	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	80%		20-150%
	13C5-PFPeA	79%		20-150%
	13C5-PFHxA	83%		20-150%
	13C4-PFHpA	76%		20-150%
	13C8-PFOA	77%		20-150%
	13C9-PFNA	81%		20-150%
	13C6-PFDA	77%		20-150%
	13C7-PFUnDA	77%		20-150%
	13C2-PFDoDA	71%		20-150%
	13C2-PFTeDA	55%		20-150%
	13C3-PFBS	75%		20-150%
	13C3-PFHxS	81%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB14(4.5-5)		
Lab Sample ID:	JD57603-4A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	77%		20-150%
	13C8-FOSA	75%		20-150%
	d3-MeFOSA	52%		20-150%
	d5-EtFOSA	57%		20-150%
	d3-MeFOSAA	73%		20-150%
	d5-EtFOSAA	71%		20-150%
	d7-MeFOSE	67%		20-150%
	d9-EtFOSE	74%		20-150%
	13C2-4:2FTS	85%		20-150%
	13C2-6:2FTS	91%		20-150%
	13C2-8:2FTS	86%		20-150%
	13C3-HFPO-DA	85%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB15(3.5-4)
Lab Sample ID: JD57603-5A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 94.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10718.D	1	01/07/23 19:52	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	5.02 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(3.5-4)		
Lab Sample ID:	JD57603-5A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	85%		20-150%
	13C5-PFPeA	83%		20-150%
	13C5-PFHxA	82%		20-150%
	13C4-PFHpA	81%		20-150%
	13C8-PFOA	79%		20-150%
	13C9-PFNA	81%		20-150%
	13C6-PFDA	71%		20-150%
	13C7-PFUnDA	69%		20-150%
	13C2-PFDoDA	63%		20-150%
	13C2-PFTeDA	43%		20-150%
	13C3-PFBS	80%		20-150%
	13C3-PFHxS	83%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(3.5-4)		
Lab Sample ID:	JD57603-5A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.1
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	69%		20-150%
	13C8-FOSA	76%		20-150%
	d3-MeFOSA	53%		20-150%
	d5-EtFOSA	56%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	78%		20-150%
	d7-MeFOSE	70%		20-150%
	d9-EtFOSE	75%		20-150%
	13C2-4:2FTS	91%		20-150%
	13C2-6:2FTS	91%		20-150%
	13C2-8:2FTS	82%		20-150%
	13C3-HFPO-DA	90%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB15(6-6.5)
Lab Sample ID: JD57603-6A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 91.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10719.D	1	01/07/23 20:06	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.87	0.54	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.13	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.44	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.44	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.65	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(6-6.5)		
Lab Sample ID:	JD57603-6A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	91.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.2	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.87	0.31	ug/kg	
919005-14-4	ADONA	ND	0.87	0.37	ug/kg	
377-73-1	PFMPA	ND	0.44	0.22	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.22	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.27	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.48	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.44	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.22	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.55	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	1.3	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	82%		20-150%
	13C5-PFPeA	78%		20-150%
	13C5-PFHxA	78%		20-150%
	13C4-PFHpA	79%		20-150%
	13C8-PFOA	74%		20-150%
	13C9-PFNA	72%		20-150%
	13C6-PFDA	65%		20-150%
	13C7-PFUnDA	68%		20-150%
	13C2-PFDoDA	54%		20-150%
	13C2-PFTeDA	44%		20-150%
	13C3-PFBS	75%		20-150%
	13C3-PFHxS	74%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB15(6-6.5)		
Lab Sample ID:	JD57603-6A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	91.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	75%		20-150%
	13C8-FOSA	79%		20-150%
	d3-MeFOSA	55%		20-150%
	d5-EtFOSA	56%		20-150%
	d3-MeFOSAA	78%		20-150%
	d5-EtFOSAA	74%		20-150%
	d7-MeFOSE	68%		20-150%
	d9-EtFOSE	79%		20-150%
	13C2-4:2FTS	80%		20-150%
	13C2-6:2FTS	91%		20-150%
	13C2-8:2FTS	77%		20-150%
	13C3-HFPO-DA	84%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB20(3-3.5)
Lab Sample ID: JD57603-7A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 95.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10720.D	1	01/07/23 20:20	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB20(3-3.5)		
Lab Sample ID:	JD57603-7A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	80%		20-150%
	13C5-PFPeA	76%		20-150%
	13C5-PFHxA	78%		20-150%
	13C4-PFHpA	72%		20-150%
	13C8-PFOA	72%		20-150%
	13C9-PFNA	77%		20-150%
	13C6-PFDA	70%		20-150%
	13C7-PFUnDA	70%		20-150%
	13C2-PFDoDA	59%		20-150%
	13C2-PFTeDA	55%		20-150%
	13C3-PFBS	80%		20-150%
	13C3-PFHxS	81%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB20(3-3.5)		
Lab Sample ID:	JD57603-7A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	79%		20-150%
	13C8-FOSA	82%		20-150%
	d3-MeFOSA	54%		20-150%
	d5-EtFOSA	53%		20-150%
	d3-MeFOSAA	92%		20-150%
	d5-EtFOSAA	83%		20-150%
	d7-MeFOSE	66%		20-150%
	d9-EtFOSE	73%		20-150%
	13C2-4:2FTS	86%		20-150%
	13C2-6:2FTS	93%		20-150%
	13C2-8:2FTS	85%		20-150%
	13C3-HFPO-DA	79%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB20(5.5-6)
Lab Sample ID: JD57603-8A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 94.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10721.D	1	01/07/23 20:34	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	4.95 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB20(5.5-6)		
Lab Sample ID:	JD57603-8A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	80%		20-150%
	13C5-PFPeA	84%		20-150%
	13C5-PFHxA	86%		20-150%
	13C4-PFHpA	80%		20-150%
	13C8-PFOA	76%		20-150%
	13C9-PFNA	73%		20-150%
	13C6-PFDA	68%		20-150%
	13C7-PFUnDA	68%		20-150%
	13C2-PFDoDA	59%		20-150%
	13C2-PFTeDA	45%		20-150%
	13C3-PFBS	76%		20-150%
	13C3-PFHxS	79%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB20(5.5-6)		
Lab Sample ID:	JD57603-8A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	72%		20-150%
	13C8-FOSA	80%		20-150%
	d3-MeFOSA	63%		20-150%
	d5-EtFOSA	61%		20-150%
	d3-MeFOSAA	81%		20-150%
	d5-EtFOSAA	74%		20-150%
	d7-MeFOSE	66%		20-150%
	d9-EtFOSE	71%		20-150%
	13C2-4:2FTS	85%		20-150%
	13C2-6:2FTS	87%		20-150%
	13C2-8:2FTS	81%		20-150%
	13C3-HFPO-DA	90%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB19(2.5-3)
Lab Sample ID: JD57603-9A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 94.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10722.D	1	01/07/23 20:48	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	4.95 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.86	0.54	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.86	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(2.5-3)		
Lab Sample ID:	JD57603-9A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.86	0.31	ug/kg	
919005-14-4	ADONA	ND	0.86	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.86	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.86	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.55	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	81%		20-150%
	13C5-PFPeA	81%		20-150%
	13C5-PFHxA	78%		20-150%
	13C4-PFHpA	74%		20-150%
	13C8-PFOA	78%		20-150%
	13C9-PFNA	76%		20-150%
	13C6-PFDA	79%		20-150%
	13C7-PFUnDA	72%		20-150%
	13C2-PFDoDA	66%		20-150%
	13C2-PFTeDA	58%		20-150%
	13C3-PFBS	83%		20-150%
	13C3-PFHxS	85%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(2.5-3)		
Lab Sample ID:	JD57603-9A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	74%		20-150%
	13C8-FOSA	83%		20-150%
	d3-MeFOSA	61%		20-150%
	d5-EtFOSA	57%		20-150%
	d3-MeFOSAA	93%		20-150%
	d5-EtFOSAA	84%		20-150%
	d7-MeFOSE	67%		20-150%
	d9-EtFOSE	74%		20-150%
	13C2-4:2FTS	99%		20-150%
	13C2-6:2FTS	94%		20-150%
	13C2-8:2FTS	92%		20-150%
	13C3-HFPO-DA	87%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB19(6.5-7)
Lab Sample ID: JD57603-10A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 94.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10723.D	1	01/07/23 21:02	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	4.95 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(6.5-7)		
Lab Sample ID:	JD57603-10A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	91%		20-150%
	13C5-PFPeA	89%		20-150%
	13C5-PFHxA	87%		20-150%
	13C4-PFHpA	83%		20-150%
	13C8-PFOA	81%		20-150%
	13C9-PFNA	86%		20-150%
	13C6-PFDA	75%		20-150%
	13C7-PFUnDA	73%		20-150%
	13C2-PFDoDA	62%		20-150%
	13C2-PFTeDA	43%		20-150%
	13C3-PFBS	86%		20-150%
	13C3-PFHxS	92%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB19(6.5-7)		
Lab Sample ID:	JD57603-10A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	85%		20-150%
	13C8-FOSA	84%		20-150%
	d3-MeFOSA	55%		20-150%
	d5-EtFOSA	56%		20-150%
	d3-MeFOSAA	88%		20-150%
	d5-EtFOSAA	82%		20-150%
	d7-MeFOSE	70%		20-150%
	d9-EtFOSE	74%		20-150%
	13C2-4:2FTS	92%		20-150%
	13C2-6:2FTS	104%		20-150%
	13C2-8:2FTS	92%		20-150%
	13C3-HFPO-DA	99%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB22(.5-1)
Lab Sample ID: JD57603-11A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 94.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10724.D	1	01/07/23 21:16	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	4.99 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB22(.5-1)		
Lab Sample ID:	JD57603-11A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	84%		20-150%
	13C5-PFPeA	81%		20-150%
	13C5-PFHxA	83%		20-150%
	13C4-PFHpA	79%		20-150%
	13C8-PFOA	76%		20-150%
	13C9-PFNA	83%		20-150%
	13C6-PFDA	77%		20-150%
	13C7-PFUnDA	78%		20-150%
	13C2-PFDoDA	69%		20-150%
	13C2-PFTeDA	50%		20-150%
	13C3-PFBS	81%		20-150%
	13C3-PFHxS	88%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB22(.5-1)		
Lab Sample ID:	JD57603-11A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	87%		20-150%
	13C8-FOSA	87%		20-150%
	d3-MeFOSA	72%		20-150%
	d5-EtFOSA	69%		20-150%
	d3-MeFOSAA	82%		20-150%
	d5-EtFOSAA	77%		20-150%
	d7-MeFOSE	71%		20-150%
	d9-EtFOSE	77%		20-150%
	13C2-4:2FTS	92%		20-150%
	13C2-6:2FTS	98%		20-150%
	13C2-8:2FTS	87%		20-150%
	13C3-HFPO-DA	86%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB22(4-4.5)
Lab Sample ID: JD57603-12A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 94.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10725.D	1	01/07/23 21:30	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB22(4-4.5)		
Lab Sample ID:	JD57603-12A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	86%		20-150%
	13C5-PFHxA	88%		20-150%
	13C4-PFHpA	83%		20-150%
	13C8-PFOA	87%		20-150%
	13C9-PFNA	89%		20-150%
	13C6-PFDA	81%		20-150%
	13C7-PFUnDA	76%		20-150%
	13C2-PFDoDA	69%		20-150%
	13C2-PFTeDA	63%		20-150%
	13C3-PFBS	88%		20-150%
	13C3-PFHxS	96%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB22(4-4.5)		
Lab Sample ID:	JD57603-12A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.8
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	83%		20-150%
	13C8-FOSA	87%		20-150%
	d3-MeFOSA	67%		20-150%
	d5-EtFOSA	67%		20-150%
	d3-MeFOSAA	95%		20-150%
	d5-EtFOSAA	92%		20-150%
	d7-MeFOSE	76%		20-150%
	d9-EtFOSE	82%		20-150%
	13C2-4:2FTS	80%		20-150%
	13C2-6:2FTS	108%		20-150%
	13C2-8:2FTS	91%		20-150%
	13C3-HFPO-DA	94%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB21(2-2.5)
Lab Sample ID: JD57603-13A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 94.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10726.D	1	01/07/23 21:44	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	4.96 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.86	0.54	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.16	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.86	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.86	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.15	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB21(2-2.5)		
Lab Sample ID:	JD57603-13A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.86	0.31	ug/kg	
919005-14-4	ADONA	ND	0.86	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.86	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.86	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	1.4	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	87%		20-150%
	13C5-PFHxA	87%		20-150%
	13C4-PFHpA	85%		20-150%
	13C8-PFOA	81%		20-150%
	13C9-PFNA	87%		20-150%
	13C6-PFDA	86%		20-150%
	13C7-PFUnDA	87%		20-150%
	13C2-PFDoDA	69%		20-150%
	13C2-PFTeDA	61%		20-150%
	13C3-PFBS	86%		20-150%
	13C3-PFHxS	86%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB21(2-2.5)		
Lab Sample ID:	JD57603-13A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.2
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	86%		20-150%
	13C8-FOSA	93%		20-150%
	d3-MeFOSA	62%		20-150%
	d5-EtFOSA	64%		20-150%
	d3-MeFOSAA	98%		20-150%
	d5-EtFOSAA	88%		20-150%
	d7-MeFOSE	67%		20-150%
	d9-EtFOSE	73%		20-150%
	13C2-4:2FTS	93%		20-150%
	13C2-6:2FTS	100%		20-150%
	13C2-8:2FTS	93%		20-150%
	13C3-HFPO-DA	97%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB21(5-5.5)
Lab Sample ID: JD57603-14A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 96.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10727.D	1	01/07/23 21:58	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.83	0.52	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.41	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.10	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.10	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.16	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.16	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.10	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.83	0.41	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.83	0.41	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.83	0.62	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.10	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB21(5-5.5)		
Lab Sample ID:	JD57603-14A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	96.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.16	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.20	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.0	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.0	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.83	0.30	ug/kg	
919005-14-4	ADONA	ND	0.83	0.35	ug/kg	
377-73-1	PFMPA	ND	0.41	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.41	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.41	0.25	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.83	0.45	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.83	0.41	ug/kg	
113507-82-7	PFEESA	ND	0.41	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.53	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	88%		20-150%
	13C5-PFPeA	84%		20-150%
	13C5-PFHxA	81%		20-150%
	13C4-PFHpA	78%		20-150%
	13C8-PFOA	79%		20-150%
	13C9-PFNA	79%		20-150%
	13C6-PFDA	72%		20-150%
	13C7-PFUnDA	73%		20-150%
	13C2-PFDoDA	71%		20-150%
	13C2-PFTeDA	71%		20-150%
	13C3-PFBS	81%		20-150%
	13C3-PFHxS	82%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB21(5-5.5)		
Lab Sample ID:	JD57603-14A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	96.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	70%		20-150%
	13C8-FOSA	77%		20-150%
	d3-MeFOSA	57%		20-150%
	d5-EtFOSA	59%		20-150%
	d3-MeFOSAA	83%		20-150%
	d5-EtFOSAA	76%		20-150%
	d7-MeFOSE	72%		20-150%
	d9-EtFOSE	82%		20-150%
	13C2-4:2FTS	85%		20-150%
	13C2-6:2FTS	87%		20-150%
	13C2-8:2FTS	80%		20-150%
	13C3-HFPO-DA	89%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB18(3.5-4)
Lab Sample ID: JD57603-15A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 93.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10730.D	1	01/07/23 22:40	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.43	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(3.5-4)		
Lab Sample ID:	JD57603-15A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.43	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.43	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	87%		20-150%
	13C5-PFPeA	87%		20-150%
	13C5-PFHxA	86%		20-150%
	13C4-PFHpA	84%		20-150%
	13C8-PFOA	81%		20-150%
	13C9-PFNA	78%		20-150%
	13C6-PFDA	87%		20-150%
	13C7-PFUnDA	77%		20-150%
	13C2-PFDoDA	71%		20-150%
	13C2-PFTeDA	61%		20-150%
	13C3-PFBS	78%		20-150%
	13C3-PFHxS	78%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(3.5-4)		
Lab Sample ID:	JD57603-15A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	84%		20-150%
	13C8-FOSA	80%		20-150%
	d3-MeFOSA	59%		20-150%
	d5-EtFOSA	64%		20-150%
	d3-MeFOSAA	90%		20-150%
	d5-EtFOSAA	82%		20-150%
	d7-MeFOSE	76%		20-150%
	d9-EtFOSE	86%		20-150%
	13C2-4:2FTS	85%		20-150%
	13C2-6:2FTS	91%		20-150%
	13C2-8:2FTS	95%		20-150%
	13C3-HFPO-DA	94%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB18(7.5-8)
Lab Sample ID: JD57603-16A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 93.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10731.D	1	01/07/23 22:54	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB18(7.5-8)
Lab Sample ID: JD57603-16A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 93.9

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	87%		20-150%
	13C5-PFPeA	88%		20-150%
	13C5-PFHxA	90%		20-150%
	13C4-PFHpA	87%		20-150%
	13C8-PFOA	75%		20-150%
	13C9-PFNA	88%		20-150%
	13C6-PFDA	81%		20-150%
	13C7-PFUnDA	70%		20-150%
	13C2-PFDoDA	61%		20-150%
	13C2-PFTeDA	45%		20-150%
	13C3-PFBS	84%		20-150%
	13C3-PFHxS	84%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB18(7.5-8)		
Lab Sample ID:	JD57603-16A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	72%		20-150%
	13C8-FOSA	83%		20-150%
	d3-MeFOSA	58%		20-150%
	d5-EtFOSA	56%		20-150%
	d3-MeFOSAA	87%		20-150%
	d5-EtFOSAA	73%		20-150%
	d7-MeFOSE	63%		20-150%
	d9-EtFOSE	67%		20-150%
	13C2-4:2FTS	93%		20-150%
	13C2-6:2FTS	102%		20-150%
	13C2-8:2FTS	89%		20-150%
	13C3-HFPO-DA	93%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB16(1.5-2)
Lab Sample ID: JD57603-17A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 94.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10732.D	1	01/07/23 23:08	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(1.5-2)		
Lab Sample ID:	JD57603-17A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	83%		20-150%
	13C5-PFPeA	85%		20-150%
	13C5-PFHxA	86%		20-150%
	13C4-PFHpA	82%		20-150%
	13C8-PFOA	77%		20-150%
	13C9-PFNA	77%		20-150%
	13C6-PFDA	72%		20-150%
	13C7-PFUnDA	71%		20-150%
	13C2-PFDoDA	70%		20-150%
	13C2-PFTeDA	61%		20-150%
	13C3-PFBS	77%		20-150%
	13C3-PFHxS	86%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(1.5-2)		
Lab Sample ID:	JD57603-17A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	78%		20-150%
	13C8-FOSA	80%		20-150%
	d3-MeFOSA	55%		20-150%
	d5-EtFOSA	54%		20-150%
	d3-MeFOSAA	85%		20-150%
	d5-EtFOSAA	72%		20-150%
	d7-MeFOSE	70%		20-150%
	d9-EtFOSE	78%		20-150%
	13C2-4:2FTS	91%		20-150%
	13C2-6:2FTS	94%		20-150%
	13C2-8:2FTS	86%		20-150%
	13C3-HFPO-DA	92%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB16(6.5-7)
Lab Sample ID: JD57603-18A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 95.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10733.D	1	01/07/23 23:22	AFL	12/28/22 10:30	F:OP94744	F:S6Q171
Run #2							

	Initial Weight	Final Volume
Run #1	4.98 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.84	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.84	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.84	0.63	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(6.5-7)		
Lab Sample ID:	JD57603-18A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.5
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.84	0.30	ug/kg	
919005-14-4	ADONA	ND	0.84	0.35	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.84	0.46	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.84	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	91%		20-150%
	13C5-PFPeA	92%		20-150%
	13C5-PFHxA	91%		20-150%
	13C4-PFHpA	88%		20-150%
	13C8-PFOA	82%		20-150%
	13C9-PFNA	81%		20-150%
	13C6-PFDA	77%		20-150%
	13C7-PFUnDA	70%		20-150%
	13C2-PFDoDA	65%		20-150%
	13C2-PFTeDA	57%		20-150%
	13C3-PFBS	87%		20-150%
	13C3-PFHxS	86%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB16(6.5-7)		
Lab Sample ID:	JD57603-18A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.5
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	75%		20-150%
	13C8-FOSA	69%		20-150%
	d3-MeFOSA	49%		20-150%
	d5-EtFOSA	52%		20-150%
	d3-MeFOSAA	80%		20-150%
	d5-EtFOSAA	74%		20-150%
	d7-MeFOSE	59%		20-150%
	d9-EtFOSE	66%		20-150%
	13C2-4:2FTS	105%		20-150%
	13C2-6:2FTS	95%		20-150%
	13C2-8:2FTS	82%		20-150%
	13C3-HFPO-DA	102%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB17(1-1.5)
Lab Sample ID: JD57603-19A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 93.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10523.D	1	01/05/23 00:48	AFL	12/28/22 10:30	F:OP94745	F:S6Q168
Run #2							

	Initial Weight	Final Volume
Run #1	5.03 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(1-1.5)		
Lab Sample ID:	JD57603-19A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	86%		20-150%
	13C5-PFPeA	82%		20-150%
	13C5-PFHxA	82%		20-150%
	13C4-PFHpA	89%		20-150%
	13C8-PFOA	88%		20-150%
	13C9-PFNA	80%		20-150%
	13C6-PFDA	80%		20-150%
	13C7-PFUnDA	73%		20-150%
	13C2-PFDoDA	69%		20-150%
	13C2-PFTeDA	61%		20-150%
	13C3-PFBS	78%		20-150%
	13C3-PFHxS	84%		20-150%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(1-1.5)		
Lab Sample ID:	JD57603-19A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	93.7
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	77%		20-150%
	13C8-FOSA	83%		20-150%
	d3-MeFOSA	60%		20-150%
	d5-EtFOSA	60%		20-150%
	d3-MeFOSAA	89%		20-150%
	d5-EtFOSAA	94%		20-150%
	d7-MeFOSE	59%		20-150%
	d9-EtFOSE	56%		20-150%
	13C2-4:2FTS	87%		20-150%
	13C2-6:2FTS	87%		20-150%
	13C2-8:2FTS	78%		20-150%
	13C3-HFPO-DA	88%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB17(6-6.5)
Lab Sample ID: JD57603-20A
Matrix: SO - Soil
Method: EPA DRAFT 1633 EPA 1633 DRAFT
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/19/22
Date Received: 12/20/22
Percent Solids: 95.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6Q10524.D	1	01/05/23 01:02	AFL	12/28/22 10:30	F:OP94745	F:S6Q168
Run #2							

	Initial Weight	Final Volume
Run #1	4.96 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.85	0.53	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.42	0.11	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.11	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.11	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.21	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.12	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.11	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.14	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.11	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.21	0.17	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.17	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.15	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.21	0.11	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.16	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.85	0.42	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.85	0.64	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.11	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.14	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.11	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(6-6.5)		
Lab Sample ID:	JD57603-20A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.17	ug/kg	
2991-50-6	EtFOSAA	ND	0.21	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	1.1	ug/kg	
1691-99-2	EtFOSE	ND	2.1	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.85	0.31	ug/kg	
919005-14-4	ADONA	ND	0.85	0.36	ug/kg	
377-73-1	PFMPA	ND	0.42	0.21	ug/kg	
863090-89-5	PFMBA	ND	0.42	0.21	ug/kg	
151772-58-6	NFDHA	ND	0.42	0.26	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.85	0.47	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.85	0.42	ug/kg	
113507-82-7	PFEESA	ND	0.42	0.21	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.54	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.3	1.2	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.3	1.3	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	84%		20-150%
	13C5-PFPeA	82%		20-150%
	13C5-PFHxA	83%		20-150%
	13C4-PFHpA	83%		20-150%
	13C8-PFOA	78%		20-150%
	13C9-PFNA	84%		20-150%
	13C6-PFDA	81%		20-150%
	13C7-PFUnDA	68%		20-150%
	13C2-PFDoDA	56%		20-150%
	13C2-PFTeDA	44%		20-150%
	13C3-PFBS	85%		20-150%
	13C3-PFHxS	85%		20-150%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB17(6-6.5)		
Lab Sample ID:	JD57603-20A	**Date Sampled:**	12/19/22
Matrix:	SO - Soil	**Date Received:**	12/20/22
Method:	EPA DRAFT 1633 EPA 1633 DRAFT	**Percent Solids:**	95.0
Project:	100 Main Steet, White Plains, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	82%		20-150%
	13C8-FOSA	81%		20-150%
	d3-MeFOSA	69%		20-150%
	d5-EtFOSA	64%		20-150%
	d3-MeFOSAA	82%		20-150%
	d5-EtFOSAA	79%		20-150%
	d7-MeFOSE	59%		20-150%
	d9-EtFOSE	56%		20-150%
	13C2-4:2FTS	101%		20-150%
	13C2-6:2FTS	90%		20-150%
	13C2-8:2FTS	82%		20-150%
	13C3-HFPO-DA	85%		20-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SO
SLL

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

EHSA-QAC-0023-04-FORM-Standard COC

FED-EX Tracking #: | Bottle Order Control #: None
SGS Quote #: | SGS Job #: JD57603

Client / Reporting Information

Company Name: SES I
Street Address: 959 US 46 3rd fl
City: Parsippany State: NJ Zip:
Project Contact: E-mail: Jon Stuart jcs@ses.com
Phone #: 9738089050
Sampler(s) Name(s): Tracey Dockens Phone #:

Project Information

Project Name: 100 Main St
Street:
City: White Plains State: NY
Project #: 124161
Client Purchase Order #:
Project Manager: Jon Stuart / Steve Gustems
Billing Information (If different from Report to): TAL
Company Name: Renaissance Galleria Environmental Mgmt LLC
Street Address:
City: State: Zip:
Attention: Kevin McManus

Requested Analysis

TCL + 30 / TAL
1-4 Dioxane
PFAS Method 1633

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
1	SB30 (1-1.5)		12/19/22	1025	TAJ	G	N	SOIL	2								3	X X X	DI
2	SB30 (4-4.5)			1020															1414
3	SB14 (1.5-2)			1050															4980
4	SB14 (4.5-5)			1055															
5	SB15 (3.5-4)			1115															
6	SB15 (6-6.5)			1120															
7	SB20 (3-3.5)			1145															
8	SB20 (5.5-6)			1150															
9	SB19 (2.5-3)			1205															
10	SB19 (6.5-7)			1210															
11	SB22 (0.5-1)			1225															
12	SB22 (4-4.5)		↓	1230	↓	↓	↓	↓	↓										

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- [ ] 10 Business Days
- [x] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [x] Other 4-DAY TAT

All data available via Lablink

* Approval needed for 1-3 Business Day TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] MA MCP Criteria_____
- [ ] CT RCP Criteria_____
- [ ] State Forms
- [x] EDD Format _____
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

SGS COURIER
Initial Assessment: AS
Lab Verification:

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		12/19/22	1 [signature] 12/20/22 10:10	2 [signature]	12/20/22 1730	2 [signature]
3		Date / Time:	3	4	Date / Time:	4
5		Date / Time:	5	Custody Seal #	Intact / Not intact / Absent	Therm ID: / See Sample Receipt Summary

On Ice: ☐ Cooler Temp. °C: 1.5 / 1.3

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

EHSA-QAC-0023-04-FORM-Standard COC

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: JD57603

Client / Reporting Information

Company Name: SES I
Street Address: 959 US 46 E 3rd fl
City State Zip: Parsippany NJ
Project Contact E-mail: jonstuart js@sesi.org
Phone #: 9738084050
Sampler(s) Name(s) Phone #: Tracy Jodeskus

Project Information

Project Name: 100 Main St
Street:
City State: White Plains NY
Project #: 124ei
Client Purchase Order #:
Project Manager: JonStuart / Steve Gaistens
Attention: Kevin McManus

Billing Information (if different from Report to)

Company Name: Renaissance Gateway Environmental mgmt LLC
Street Address:
City State Zip:

Requested Analysis

TCL+3DTAL
1,4 Dioxane
PFAS w/mod 1633

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
13	SB21 (2-2.5)		12/19/22	1255	TA	G	N	SOIL	12								X	X X X	
14	SB21 (5-5.5)			1300															
15	SB18 (3.5-4)			1310															
16	SB18 (7.5-8)			1315															
17	SB16 (1.5-2)			1345															
18	SB16 (6.5-7)			1350															
19	SB17 (1-1.5)			1400															
20	SB17 (6-6.5)		↓	1405	↓	↓	↓	↓	↓								↓	↓ ↓ ↓	

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- [ ] 10 Business Days
- [x] 5 Business Days (TAT)
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [x] Other 4 day TAT

All data available via Lablink. * Approval needed for 1-3 Business Day TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] MA MCP Criteria_____
- [ ] CT RCP Criteria_____
- [ ] State Forms
- [x] EDD Format _____
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Initial Assessment
Label Verification

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	121922	1 12/20/22 1010	2	12/20/22 17:30	2
3	Date / Time:	Received By: 3	4	Date / Time:	Received By: 4
5	Date / Time:	Received By: 5	Custody Seal #	Intact / Not intact / Absent	Therm ID: See Sample Receipt Summary — On Ice: [x] — Cooler Temp. °C: 1.5 / 1.3

SGS Sample Receipt Summary

Job Number: JD57603 **Client:** SESI **Project:** 100 MAIN ST

Date / Time Received: 12/20/2022 5:30:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.5); Cooler 2: (1.3);

Cooler Temps (Corrected) °C: Cooler 1: (1.5); Cooler 2: (1.3);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	2		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

SGS North America Inc.

Report of Analysis

Client Sample ID: SB28 (2-2.5)
Lab Sample ID: JD57654-1
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 93.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197786.D	1	12/22/22 17:16	PS	12/22/22 08:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	6.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.9	3.7	ug/kg	
71-43-2	Benzene	ND	0.45	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	4.5	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.38	ug/kg	
75-25-2	Bromoform	ND	4.5	1.2	ug/kg	
74-83-9	Bromomethane	ND	4.5	0.68	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.9	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	1.8	0.48	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.41	ug/kg	
75-00-3	Chloroethane [a]	ND	4.5	0.53	ug/kg	
67-66-3	Chloroform	ND	1.8	0.46	ug/kg	
74-87-3	Chloromethane	ND	4.5	1.7	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.62	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.50	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.89	0.38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.89	0.49	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.89	0.44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.89	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	4.5	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.89	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.89	0.42	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.89	0.58	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.89	0.75	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.89	0.54	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.42	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.41	ug/kg	
100-41-4	Ethylbenzene	ND	0.89	0.40	ug/kg	
76-13-1	Freon 113	ND	4.5	2.4	ug/kg	
591-78-6	2-Hexanone	ND	4.5	1.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB28 (2-2.5)		
Lab Sample ID:	JD57654-1	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	93.5
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.5	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.78	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.89	0.42	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.5	2.0	ug/kg	
75-09-2	Methylene chloride	ND	4.5	2.3	ug/kg	
100-42-5	Styrene	ND	1.8	0.36	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.53	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.52	ug/kg	
108-88-3	Toluene	ND	0.89	0.47	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.49	ug/kg	
79-01-6	Trichloroethene	ND	0.89	0.68	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.5	0.61	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.43	ug/kg	
	m,p-Xylene	ND	0.89	0.80	ug/kg	
95-47-6	o-Xylene	ND	0.89	0.41	ug/kg	
1330-20-7	Xylene (total)	ND	0.89	0.41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-124%
17060-07-0	1,2-Dichloroethane-D4	106%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.97	8.1	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB28 (2-2.5)		
Lab Sample ID:	JD57654-1	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	93.5
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181550.D	1	12/30/22 00:31	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.70	0.58	ug/kg	
319-84-6	alpha-BHC	ND	0.70	0.57	ug/kg	
319-85-7	beta-BHC	ND	0.70	0.64	ug/kg	
319-86-8	delta-BHC	ND	0.70	0.68	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.70	0.52	ug/kg	
5103-71-9	alpha-Chlordane	1.4	0.70	0.57	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.70	0.32	ug/kg	
60-57-1	Dieldrin	0.49	0.70	0.48	ug/kg	J
72-54-8	4,4'-DDD	ND	0.70	0.65	ug/kg	
72-55-9	4,4'-DDE	ND	0.70	0.62	ug/kg	
50-29-3	4,4'-DDT	2.7	0.70	0.62	ug/kg	B
72-20-8	Endrin	ND	0.70	0.55	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.70	0.55	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.70	0.40	ug/kg	
959-98-8	Endosulfan-I	ND	0.70	0.41	ug/kg	
33213-65-9	Endosulfan-II	ND	0.70	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.70	0.61	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.70	0.49	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.56	ug/kg	
53494-70-5	Endrin ketone	ND	0.70	0.51	ug/kg	
8001-35-2	Toxaphene	ND	18	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		13-162%
877-09-8	Tetrachloro-m-xylene	98%		13-162%
2051-24-3	Decachlorobiphenyl	107%		10-180%
2051-24-3	Decachlorobiphenyl	129%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB28 (2-2.5)		
Lab Sample ID:	JD57654-1	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	93.5
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127009.D	1	12/30/22 03:47	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	22	ug/kg	
11141-16-5	Aroclor 1232	ND	35	22	ug/kg	
53469-21-9	Aroclor 1242	ND	35	14	ug/kg	
12672-29-6	Aroclor 1248	ND	35	31	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	15	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	122%		10-163%
877-09-8	Tetrachloro-m-xylene	94%		10-163%
2051-24-3	Decachlorobiphenyl	103%		10-215%
2051-24-3	Decachlorobiphenyl	97%		10-215%

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RL = Reporting Limit
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N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB28 (2-2.5)		
Lab Sample ID:	JD57654-1	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.5
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9750	54	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Antimony	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Arsenic	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Barium	85.3	22	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Beryllium	0.41	0.22	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cadmium	< 0.54	0.54	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Calcium	14300	540	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Chromium	16.3	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cobalt	8.3	5.4	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Copper	41.7	2.7	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Iron	17300	54	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Lead	60.7	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Magnesium	9240	540	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Manganese	257	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Mercury	0.090	0.032	mg/kg	1	12/28/22	12/29/22	LM	SW846 7471B [2]	SW846 7471B [4]
Nickel	15.0	4.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Potassium	1930	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Selenium	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Silver	< 0.54	0.54	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Vanadium	40.6	5.4	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Zinc	64.3	5.4	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA53506
(2) Instrument QC Batch: MA53517
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37129

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB28 (2-2.5)		
Lab Sample ID:	JD57654-1	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.5
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.29	0.29	mg/kg	1	12/23/22 13:02	MM	SW846 9012B/LACHAT
Solids, Percent	93.5		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB28 (5.5-6)
Lab Sample ID: JD57654-2
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 92.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197787.D	1	12/22/22 17:38	PS	12/22/22 08:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	4.3	ug/kg	
71-43-2	Benzene	ND	0.52	0.47	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	0.58	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.44	ug/kg	
75-25-2	Bromoform	ND	5.2	1.4	ug/kg	
74-83-9	Bromomethane	ND	5.2	0.79	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.5	ug/kg	
75-15-0	Carbon disulfide	ND	2.1	0.55	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.64	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.48	ug/kg	
75-00-3	Chloroethane [a]	ND	5.2	0.61	ug/kg	
67-66-3	Chloroform	ND	2.1	0.54	ug/kg	
74-87-3	Chloromethane	ND	5.2	2.0	ug/kg	
110-82-7	Cyclohexane	ND	2.1	0.68	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.72	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.58	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.44	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.57	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.51	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	5.2	0.75	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.51	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.68	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.87	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.63	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.49	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.49	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.47	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.47	ug/kg	
76-13-1	Freon 113	ND	5.2	2.8	ug/kg	
591-78-6	2-Hexanone	ND	5.2	2.2	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB28 (5.5-6)		
Lab Sample ID:	JD57654-2	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.1	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.2	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.1	0.91	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.49	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.2	2.3	ug/kg	
75-09-2	Methylene chloride	ND	5.2	2.7	ug/kg	
100-42-5	Styrene	ND	2.1	0.42	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.62	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.60	ug/kg	
108-88-3	Toluene	ND	1.0	0.54	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	2.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	2.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.50	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.57	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.79	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	5.2	0.71	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.50	ug/kg	
	m,p-Xylene	ND	1.0	0.93	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.47	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	108%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.97	8.8	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB28 (5.5-6)		
Lab Sample ID:	JD57654-2	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111295.D	1	12/28/22 13:23	JY	12/27/22 12:00	OP43808	E2P5035
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol [a]	ND	180	63	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	38	ug/kg	
95-48-7	2-Methylphenol [a]	ND	71	23	ug/kg	
	3&4-Methylphenol [a]	ND	71	29	ug/kg	
88-75-5	2-Nitrophenol	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	95	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	71	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	ND	36	12	ug/kg	
208-96-8	Acenaphthylene	ND	36	18	ug/kg	
98-86-2	Acetophenone [a]	ND	180	7.7	ug/kg	
120-12-7	Anthracene	ND	36	22	ug/kg	
1912-24-9	Atrazine	ND	71	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	36	10	ug/kg	
50-32-8	Benzo(a)pyrene	ND	36	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	8.7	ug/kg	
92-52-4	1,1'-Biphenyl	ND	71	4.9	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.5	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	71	5.2	ug/kg	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB28 (5.5-6)		
Lab Sample ID:	JD57654-2	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	71	14	ug/kg	
218-01-9	Chrysene	ND	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	7.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	71	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	71	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	36	16	ug/kg	
132-64-9	Dibenzofuran	ND	71	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	71	5.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	71	7.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	6.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	71	8.3	ug/kg	
206-44-0	Fluoranthene	ND	36	16	ug/kg	
86-73-7	Fluorene	ND	36	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	71	9.0	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	36	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	36	17	ug/kg	
78-59-1	Isophorone	ND	71	7.6	ug/kg	
91-57-6	2-Methylnaphthalene	ND	36	8.1	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.4	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.9	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.2	ug/kg	
91-20-3	Naphthalene [a]	ND	36	10	ug/kg	
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [a]	ND	71	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	ND	36	12	ug/kg	
129-00-0	Pyrene [b]	ND	36	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		10-99%

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Report of Analysis

Client Sample ID:	SB28 (5.5-6)		
Lab Sample ID:	JD57654-2	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	43%		10-96%
118-79-6	2,4,6-Tribromophenol	48%		10-123%
4165-60-0	Nitrobenzene-d5	41%		10-109%
321-60-8	2-Fluorobiphenyl	41%		11-109%
1718-51-0	Terphenyl-d14	56%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.66	7300	ug/kg	J
	Total TIC, Semi-Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB28 (5.5-6)		
Lab Sample ID:	JD57654-2	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181551.D	1	12/30/22 00:49	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	16.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.65	0.54	ug/kg	
319-84-6	alpha-BHC	ND	0.65	0.53	ug/kg	
319-85-7	beta-BHC	ND	0.65	0.59	ug/kg	
319-86-8	delta-BHC	ND	0.65	0.63	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.65	0.48	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.65	0.53	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.65	0.30	ug/kg	
60-57-1	Dieldrin	ND	0.65	0.45	ug/kg	
72-54-8	4,4'-DDD	ND	0.65	0.60	ug/kg	
72-55-9	4,4'-DDE	ND	0.65	0.57	ug/kg	
50-29-3	4,4'-DDT	0.62	0.65	0.58	ug/kg	JB
72-20-8	Endrin	ND	0.65	0.51	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.65	0.51	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.65	0.37	ug/kg	
959-98-8	Endosulfan-I	ND	0.65	0.38	ug/kg	
33213-65-9	Endosulfan-II	ND	0.65	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.65	0.56	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.65	0.46	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.52	ug/kg	
53494-70-5	Endrin ketone	ND	0.65	0.47	ug/kg	
8001-35-2	Toxaphene	ND	16	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		13-162%
877-09-8	Tetrachloro-m-xylene	107%		13-162%
2051-24-3	Decachlorobiphenyl	108%		10-180%
2051-24-3	Decachlorobiphenyl	118%		10-180%

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB28 (5.5-6)		
Lab Sample ID:	JD57654-2	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127010.D	1	12/30/22 04:03	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	16.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	15	ug/kg	
11104-28-2	Aroclor 1221	ND	33	20	ug/kg	
11141-16-5	Aroclor 1232	ND	33	21	ug/kg	
53469-21-9	Aroclor 1242	ND	33	13	ug/kg	
12672-29-6	Aroclor 1248	ND	33	29	ug/kg	
11097-69-1	Aroclor 1254	ND	33	18	ug/kg	
11096-82-5	Aroclor 1260	ND	33	14	ug/kg	
11100-14-4	Aroclor 1268	ND	33	14	ug/kg	
37324-23-5	Aroclor 1262	ND	33	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	159%		10-163%
877-09-8	Tetrachloro-m-xylene	121%		10-163%
2051-24-3	Decachlorobiphenyl	132%		10-215%
2051-24-3	Decachlorobiphenyl	123%		10-215%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB28 (5.5-6)		
Lab Sample ID:	JD57654-2	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	92.9
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7060	55	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Antimony	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Arsenic	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Barium	60.4	22	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Beryllium	0.35	0.22	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cadmium	< 0.55	0.55	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Calcium	2210	550	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Chromium	12.4	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cobalt	5.5	5.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Copper	17.8	2.7	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Iron	12700	55	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Lead	3.4	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Magnesium	2450	550	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Manganese	292	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Mercury	< 0.031	0.031	mg/kg	1	12/28/22	12/29/22	LM	SW846 7471B [2]	SW846 7471B [4]
Nickel	11.4	4.4	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Potassium	1830	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Selenium	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Silver	< 0.55	0.55	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Vanadium	18.7	5.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Zinc	27.1	5.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA53506
(2) Instrument QC Batch: MA53517
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37129

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB28 (5.5-6)		
Lab Sample ID:	JD57654-2	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	92.9
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.25	0.25	mg/kg	1	12/23/22 13:04	MM	SW846 9012B/LACHAT
Solids, Percent	92.9		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB27 (3-3.5)
Lab Sample ID: JD57654-3
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 94.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197788.D	1	12/22/22 18:00	PS	12/22/22 08:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	6.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.8	3.6	ug/kg	
71-43-2	Benzene	ND	0.44	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	4.4	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.38	ug/kg	
75-25-2	Bromoform	ND	4.4	1.2	ug/kg	
74-83-9	Bromomethane	ND	4.4	0.67	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.8	2.1	ug/kg	
75-15-0	Carbon disulfide	ND	1.8	0.47	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.54	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.40	ug/kg	
75-00-3	Chloroethane [a]	ND	4.4	0.52	ug/kg	
67-66-3	Chloroform	ND	1.8	0.46	ug/kg	
74-87-3	Chloromethane	ND	4.4	1.7	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.58	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.61	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.49	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.88	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.88	0.48	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.88	0.44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.88	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	4.4	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.88	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.88	0.41	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.88	0.58	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.88	0.74	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.88	0.54	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.42	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.40	ug/kg	
100-41-4	Ethylbenzene	ND	0.88	0.40	ug/kg	
76-13-1	Freon 113	ND	4.4	2.4	ug/kg	
591-78-6	2-Hexanone	ND	4.4	1.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB27 (3-3.5)		
Lab Sample ID:	JD57654-3	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.4	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.77	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.88	0.41	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.4	2.0	ug/kg	
75-09-2	Methylene chloride	ND	4.4	2.3	ug/kg	
100-42-5	Styrene	ND	1.8	0.35	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.53	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.51	ug/kg	
108-88-3	Toluene	ND	0.88	0.46	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.4	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.4	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.49	ug/kg	
79-01-6	Trichloroethene	ND	0.88	0.67	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.4	0.60	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.42	ug/kg	
	m,p-Xylene	ND	0.88	0.79	ug/kg	
95-47-6	o-Xylene	ND	0.88	0.40	ug/kg	
1330-20-7	Xylene (total)	ND	0.88	0.40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	109%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	8	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID:	SB27 (3-3.5)		
Lab Sample ID:	JD57654-3	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111306A.D	1	12/28/22 18:31	JY	12/27/22 12:00	OP43808	E2P5035
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	68	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	29	ug/kg	
105-67-9	2,4-Dimethylphenol [a]	ND	170	61	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	37	ug/kg	
95-48-7	2-Methylphenol [a]	ND	68	22	ug/kg	
	3&4-Methylphenol [a]	ND	68	28	ug/kg	
88-75-5	2-Nitrophenol	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	340	91	ug/kg	
87-86-5	Pentachlorophenol	ND	140	32	ug/kg	
108-95-2	Phenol	ND	68	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	34	12	ug/kg	
208-96-8	Acenaphthylene	22.9	34	17	ug/kg	J
98-86-2	Acetophenone [a]	ND	170	7.4	ug/kg	
120-12-7	Anthracene	39.3	34	21	ug/kg	
1912-24-9	Atrazine	ND	68	15	ug/kg	
56-55-3	Benzo(a)anthracene	201	34	9.7	ug/kg	
50-32-8	Benzo(a)pyrene	211	34	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	217	34	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	145	34	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	76.6	34	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	68	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	68	8.4	ug/kg	
92-52-4	1,1'-Biphenyl	ND	68	4.7	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	68	8.1	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	12.1	68	5.0	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB27 (3-3.5)		
Lab Sample ID:	JD57654-3	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	68	14	ug/kg	
218-01-9	Chrysene	196	34	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	68	7.3	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	68	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	68	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	68	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	34	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	34	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	68	29	ug/kg	
123-91-1	1,4-Dioxane	ND	34	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	50.3	34	15	ug/kg	
132-64-9	Dibenzofuran	ND	68	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	68	5.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	68	8.5	ug/kg	
84-66-2	Diethyl phthalate	ND	68	7.3	ug/kg	
131-11-3	Dimethyl phthalate	ND	68	6.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	68	8.0	ug/kg	
206-44-0	Fluoranthene	319	34	15	ug/kg	
86-73-7	Fluorene	ND	34	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	68	8.7	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	34	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	174	34	16	ug/kg	
78-59-1	Isophorone	ND	68	7.3	ug/kg	
91-57-6	2-Methylnaphthalene	ND	34	7.7	ug/kg	
88-74-4	2-Nitroaniline	ND	170	8.1	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.6	ug/kg	
100-01-6	4-Nitroaniline	ND	170	8.9	ug/kg	
91-20-3	Naphthalene [a]	ND	34	9.7	ug/kg	
98-95-3	Nitrobenzene	ND	68	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [a]	ND	68	9.9	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	114	34	12	ug/kg	
129-00-0	Pyrene [b]	297	34	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	45%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB27 (3-3.5)		
Lab Sample ID:	JD57654-3	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	43%		10-96%
118-79-6	2,4,6-Tribromophenol	51%		10-123%
4165-60-0	Nitrobenzene-d5	39%		10-109%
321-60-8	2-Fluorobiphenyl	41%		11-109%
1718-51-0	Terphenyl-d14	49%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.66	3800	ug/kg	J
	Total TIC, Semi-Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low.

SGS North America Inc.

Report of Analysis

Client Sample ID: SB27 (3-3.5)
Lab Sample ID: JD57654-3
Matrix: SO - Soil
Method: SW846 8081B SW846 3546
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 94.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181552.D	1	12/30/22 01:07	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.66	0.54	ug/kg	
319-84-6	alpha-BHC	ND	0.66	0.53	ug/kg	
319-85-7	beta-BHC	ND	0.66	0.59	ug/kg	
319-86-8	delta-BHC	ND	0.66	0.63	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.66	0.48	ug/kg	
5103-71-9	alpha-Chlordane	1.4	0.66	0.53	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.66	0.30	ug/kg	
60-57-1	Dieldrin [a]	0.54	0.66	0.45	ug/kg	J
72-54-8	4,4'-DDD	1.4	0.66	0.60	ug/kg	
72-55-9	4,4'-DDE [a]	0.90	0.66	0.58	ug/kg	
50-29-3	4,4'-DDT	4.0	0.66	0.58	ug/kg	B
72-20-8	Endrin	ND	0.66	0.51	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.66	0.51	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.66	0.37	ug/kg	
959-98-8	Endosulfan-I	ND	0.66	0.38	ug/kg	
33213-65-9	Endosulfan-II	ND	0.66	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.66	0.57	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.66	0.46	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.52	ug/kg	
53494-70-5	Endrin ketone	ND	0.66	0.47	ug/kg	
8001-35-2	Toxaphene	ND	16	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	129%		13-162%
877-09-8	Tetrachloro-m-xylene	158%		13-162%
2051-24-3	Decachlorobiphenyl	143%		10-180%
2051-24-3	Decachlorobiphenyl	204% [b]		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB27 (3-3.5)		
Lab Sample ID:	JD57654-3	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127011.D	1	12/30/22 04:20	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	15	ug/kg	
11104-28-2	Aroclor 1221	ND	33	20	ug/kg	
11141-16-5	Aroclor 1232	ND	33	21	ug/kg	
53469-21-9	Aroclor 1242	ND	33	13	ug/kg	
12672-29-6	Aroclor 1248	ND	33	29	ug/kg	
11097-69-1	Aroclor 1254	ND	33	18	ug/kg	
11096-82-5	Aroclor 1260	ND	33	14	ug/kg	
11100-14-4	Aroclor 1268	ND	33	14	ug/kg	
37324-23-5	Aroclor 1262	ND	33	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	184% [a]		10-163%
877-09-8	Tetrachloro-m-xylene	144%		10-163%
2051-24-3	Decachlorobiphenyl	155%		10-215%
2051-24-3	Decachlorobiphenyl	146%		10-215%

(a) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB27 (3-3.5)		
Lab Sample ID:	JD57654-3	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	94.6
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8900	51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Antimony	< 2.0	2.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Arsenic	2.0	2.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Barium	74.1	20	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Beryllium	0.40	0.20	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cadmium	< 0.51	0.51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Calcium	14700	510	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Chromium	16.0	1.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cobalt	7.8	5.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Copper	35.6	2.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Iron	16400	51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Lead	44.7	2.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Magnesium	9120	510	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Manganese	226	1.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Mercury	0.10	0.033	mg/kg	1	12/28/22	12/29/22	LM	SW846 7471B [2]	SW846 7471B [4]
Nickel	14.5	4.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Potassium	1990	1000	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Selenium	< 2.0	2.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Silver	< 0.51	0.51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Sodium	< 1000	1000	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Thallium	< 1.0	1.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Vanadium	34.9	5.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Zinc	54.2	5.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA53506
(2) Instrument QC Batch: MA53517
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37129

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB27 (3-3.5)		
Lab Sample ID:	JD57654-3	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	94.6
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.35	0.28	mg/kg	1	12/23/22 13:08	MM	SW846 9012B/LACHAT
Solids, Percent	94.6		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB27 (5-5.5)		
Lab Sample ID:	JD57654-4	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197789.D	1	12/22/22 18:22	PS	12/22/22 08:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	20.2	9.8	4.1	ug/kg	
71-43-2	Benzene	ND	0.49	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	0.55	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.42	ug/kg	
75-25-2	Bromoform	ND	4.9	1.3	ug/kg	
74-83-9	Bromomethane	ND	4.9	0.75	ug/kg	
78-93-3	2-Butanone (MEK)	4.1	9.8	2.4	ug/kg	J
75-15-0	Carbon disulfide	ND	2.0	0.52	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.60	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.45	ug/kg	
75-00-3	Chloroethane [a]	ND	4.9	0.58	ug/kg	
67-66-3	Chloroform	ND	2.0	0.51	ug/kg	
74-87-3	Chloromethane	ND	4.9	1.9	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.68	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.55	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.98	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.98	0.53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.98	0.49	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.98	0.48	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	4.9	0.71	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.98	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.98	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.98	0.64	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.82	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.98	0.60	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.46	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.45	ug/kg	
100-41-4	Ethylbenzene	ND	0.98	0.44	ug/kg	
76-13-1	Freon 113	ND	4.9	2.6	ug/kg	
591-78-6	2-Hexanone	ND	4.9	2.1	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB27 (5-5.5)		
Lab Sample ID:	JD57654-4	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	4.9	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.86	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.98	0.46	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.9	2.2	ug/kg	
75-09-2	Methylene chloride	ND	4.9	2.6	ug/kg	
100-42-5	Styrene	ND	2.0	0.39	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.59	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.57	ug/kg	
108-88-3	Toluene	ND	0.98	0.51	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.54	ug/kg	
79-01-6	Trichloroethene	ND	0.98	0.75	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.9	0.67	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	0.98	0.88	ug/kg	
95-47-6	o-Xylene	ND	0.98	0.45	ug/kg	
1330-20-7	Xylene (total)	ND	0.98	0.45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	111%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	9	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID: SB27 (5-5.5)
Lab Sample ID: JD57654-4
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 92.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111309.D	1	12/28/22 19:47	JY	12/27/22 12:00	OP43808	E2P5035
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol [a]	ND	180	63	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	38	ug/kg	
95-48-7	2-Methylphenol [a]	ND	71	23	ug/kg	
	3&4-Methylphenol [a]	ND	71	29	ug/kg	
88-75-5	2-Nitrophenol	ND	180	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	94	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	71	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	24.6	35	12	ug/kg	J
208-96-8	Acenaphthylene	38.7	35	18	ug/kg	
98-86-2	Acetophenone [a]	ND	180	7.6	ug/kg	
120-12-7	Anthracene	105	35	22	ug/kg	
1912-24-9	Atrazine	ND	71	15	ug/kg	
56-55-3	Benzo(a)anthracene	439	35	10	ug/kg	
50-32-8	Benzo(a)pyrene	434	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	480	35	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	213	35	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	162	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	8.6	ug/kg	
92-52-4	1,1'-Biphenyl	ND	71	4.8	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.4	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	42.6	71	5.1	ug/kg	J

ND = Not detected MDL = Method Detection Limit
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB27 (5-5.5)		
Lab Sample ID:	JD57654-4	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	71	14	ug/kg	
218-01-9	Chrysene	411	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	7.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	71	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	71	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	73.8	35	16	ug/kg	
132-64-9	Dibenzofuran	17.0	71	14	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	71	5.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.8	ug/kg	
84-66-2	Diethyl phthalate	ND	71	7.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	6.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	71	8.3	ug/kg	
206-44-0	Fluoranthene	842	35	16	ug/kg	
86-73-7	Fluorene	23.5	35	16	ug/kg	J
118-74-1	Hexachlorobenzene	ND	71	8.9	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	295	35	17	ug/kg	
78-59-1	Isophorone	ND	71	7.6	ug/kg	
91-57-6	2-Methylnaphthalene	9.4	35	8.0	ug/kg	J
88-74-4	2-Nitroaniline	ND	180	8.3	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.8	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.1	ug/kg	
91-20-3	Naphthalene [b]	12.1	35	10	ug/kg	J
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [a]	ND	71	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	370	35	12	ug/kg	
129-00-0	Pyrene [c]	598	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB27 (5-5.5)		
Lab Sample ID:	JD57654-4	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	58%		10-96%
118-79-6	2,4,6-Tribromophenol	76%		10-123%
4165-60-0	Nitrobenzene-d5	55%		10-109%
321-60-8	2-Fluorobiphenyl	63%		11-109%
1718-51-0	Terphenyl-d14	71%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.67	4900	ug/kg	J
	unknown pah	16.04	240	ug/kg	J
	Total TIC, Semi-Volatile		240	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high.
(c) Associated CCV outside of control limits low.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB27 (5-5.5)		
Lab Sample ID:	JD57654-4	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181553.D	1	12/30/22 01:25	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.67	0.55	ug/kg	
319-84-6	alpha-BHC	ND	0.67	0.55	ug/kg	
319-85-7	beta-BHC	ND	0.67	0.61	ug/kg	
319-86-8	delta-BHC	ND	0.67	0.65	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.67	0.50	ug/kg	
5103-71-9	alpha-Chlordane	1.2	0.67	0.54	ug/kg	
5103-74-2	gamma-Chlordane [a]	0.52	0.67	0.30	ug/kg	J
60-57-1	Dieldrin	ND	0.67	0.46	ug/kg	
72-54-8	4,4'-DDD	2.0	0.67	0.62	ug/kg	
72-55-9	4,4'-DDE [a]	0.85	0.67	0.59	ug/kg	
50-29-3	4,4'-DDT	3.8	0.67	0.60	ug/kg	B
72-20-8	Endrin	ND	0.67	0.52	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.67	0.53	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.67	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.67	0.39	ug/kg	
33213-65-9	Endosulfan-II	ND	0.67	0.42	ug/kg	
76-44-8	Heptachlor	ND	0.67	0.58	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.67	0.47	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.53	ug/kg	
53494-70-5	Endrin ketone	ND	0.67	0.49	ug/kg	
8001-35-2	Toxaphene	ND	17	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	124%		13-162%
877-09-8	Tetrachloro-m-xylene	139%		13-162%
2051-24-3	Decachlorobiphenyl	143%		10-180%
2051-24-3	Decachlorobiphenyl	216% [b]		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.
(b) Outside control limits due to matrix interference.

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB27 (5-5.5)		
Lab Sample ID:	JD57654-4	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127016.D	1	12/30/22 05:44	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	16	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	21	ug/kg	
53469-21-9	Aroclor 1242	ND	34	14	ug/kg	
12672-29-6	Aroclor 1248	ND	34	30	ug/kg	
11097-69-1	Aroclor 1254	ND	34	18	ug/kg	
11096-82-5	Aroclor 1260	ND	34	14	ug/kg	
11100-14-4	Aroclor 1268	ND	34	14	ug/kg	
37324-23-5	Aroclor 1262	ND	34	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	165% [a]		10-163%
877-09-8	Tetrachloro-m-xylene	126%		10-163%
2051-24-3	Decachlorobiphenyl	146%		10-215%
2051-24-3	Decachlorobiphenyl	155%		10-215%

(a) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
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N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB27 (5-5.5)		
Lab Sample ID:	JD57654-4	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	92.9
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9150	53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Antimony	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Arsenic	2.2	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Barium	71.1	21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Beryllium	0.37	0.21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cadmium	< 0.53	0.53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Calcium	8510	530	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Chromium	14.3	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cobalt	8.9	5.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Copper	54.4	2.7	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Iron	18700	53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Lead	55.6	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Magnesium	5740	530	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Manganese	220	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Mercury	0.10	0.033	mg/kg	1	12/28/22	12/29/22	LM	SW846 7471B [2]	SW846 7471B [4]
Nickel	14.4	4.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Potassium	1740	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Selenium	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Silver	< 0.53	0.53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Vanadium	44.6	5.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Zinc	61.8	5.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA53506
(2) Instrument QC Batch: MA53517
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37129

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB27 (5-5.5)		
Lab Sample ID:	JD57654-4	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	92.9
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.33	0.26	mg/kg	1	12/23/22 13:09	MM	SW846 9012B/LACHAT
Solids, Percent	92.9		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB29 (1.5-2)
Lab Sample ID: JD57654-5
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 93.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197790.D	1	12/22/22 18:45	PS	12/22/22 08:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	6.1 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	15.4	8.7	3.6	ug/kg	
71-43-2	Benzene	ND	0.44	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	4.4	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.37	ug/kg	
75-25-2	Bromoform	ND	4.4	1.2	ug/kg	
74-83-9	Bromomethane	ND	4.4	0.67	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.7	2.1	ug/kg	
75-15-0	Carbon disulfide	ND	1.7	0.47	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.54	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.40	ug/kg	
75-00-3	Chloroethane [a]	ND	4.4	0.52	ug/kg	
67-66-3	Chloroform	ND	1.7	0.45	ug/kg	
74-87-3	Chloromethane	ND	4.4	1.7	ug/kg	
110-82-7	Cyclohexane	ND	1.7	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.7	0.61	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.49	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.87	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.87	0.48	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.87	0.43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.87	0.43	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	4.4	0.63	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.87	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.87	0.41	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.87	0.57	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.87	0.73	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.87	0.53	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.41	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.41	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.40	ug/kg	
100-41-4	Ethylbenzene	ND	0.87	0.40	ug/kg	
76-13-1	Freon 113	ND	4.4	2.3	ug/kg	
591-78-6	2-Hexanone	ND	4.4	1.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB29 (1.5-2)		
Lab Sample ID:	JD57654-5	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.7	1.2	ug/kg	
79-20-9	Methyl Acetate	ND	4.4	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	1.7	0.76	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.87	0.41	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.4	2.0	ug/kg	
75-09-2	Methylene chloride	ND	4.4	2.3	ug/kg	
100-42-5	Styrene	ND	1.7	0.35	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.52	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.51	ug/kg	
108-88-3	Toluene	ND	0.87	0.46	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.4	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.4	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.42	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.48	ug/kg	
79-01-6	Trichloroethene	ND	0.87	0.67	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.4	0.60	ug/kg	
75-01-4	Vinyl chloride	ND	1.7	0.42	ug/kg	
	m,p-Xylene	ND	0.87	0.78	ug/kg	
95-47-6	o-Xylene	ND	0.87	0.40	ug/kg	
1330-20-7	Xylene (total)	ND	0.87	0.40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	111%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	6.4	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB29 (1.5-2)		
Lab Sample ID:	JD57654-5	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111300.D	1	12/28/22 15:56	JY	12/27/22 12:00	OP43808	E2P5035
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	70	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	30	ug/kg	
105-67-9	2,4-Dimethylphenol [a]	ND	170	62	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	37	ug/kg	
95-48-7	2-Methylphenol [a]	ND	70	22	ug/kg	
	3&4-Methylphenol [a]	ND	70	29	ug/kg	
88-75-5	2-Nitrophenol	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	93	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	70	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	21	ug/kg	
83-32-9	Acenaphthene	118	35	12	ug/kg	
208-96-8	Acenaphthylene	ND	35	18	ug/kg	
98-86-2	Acetophenone [a]	ND	170	7.5	ug/kg	
120-12-7	Anthracene	262	35	21	ug/kg	
1912-24-9	Atrazine	ND	70	15	ug/kg	
56-55-3	Benzo(a)anthracene	472	35	9.9	ug/kg	
50-32-8	Benzo(a)pyrene	421	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	398	35	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	236	35	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	143	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	70	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	70	8.5	ug/kg	
92-52-4	1,1'-Biphenyl	9.7	70	4.8	ug/kg	J
100-52-7	Benzaldehyde	ND	170	8.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	70	8.3	ug/kg	
106-47-8	4-Chloroaniline	ND	170	13	ug/kg	
86-74-8	Carbazole	99.9	70	5.1	ug/kg	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB29 (1.5-2)		
Lab Sample ID:	JD57654-5	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	70	14	ug/kg	
218-01-9	Chrysene	410	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	70	7.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	70	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	70	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	70	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	70	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	71.6	35	15	ug/kg	
132-64-9	Dibenzofuran	62.6	70	14	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	70	5.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	70	8.7	ug/kg	
84-66-2	Diethyl phthalate	ND	70	7.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	70	6.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	70	8.2	ug/kg	
206-44-0	Fluoranthene	1150	35	16	ug/kg	
86-73-7	Fluorene	114	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	70	8.9	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	297	35	16	ug/kg	
78-59-1	Isophorone	ND	70	7.5	ug/kg	
91-57-6	2-Methylnaphthalene	38.6	35	7.9	ug/kg	
88-74-4	2-Nitroaniline	ND	170	8.3	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.7	ug/kg	
100-01-6	4-Nitroaniline	ND	170	9.1	ug/kg	
91-20-3	Naphthalene [b]	59.0	35	9.9	ug/kg	
98-95-3	Nitrobenzene	ND	70	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [a]	ND	70	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	898	35	12	ug/kg	
129-00-0	Pyrene [c]	836	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB29 (1.5-2)		
Lab Sample ID:	JD57654-5	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	32%		10-96%
118-79-6	2,4,6-Tribromophenol	36%		10-123%
4165-60-0	Nitrobenzene-d5	29%		10-109%
321-60-8	2-Fluorobiphenyl	26%		11-109%
1718-51-0	Terphenyl-d14	31%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.65	2900	ug/kg	J
	unknown pah	16.01	200	ug/kg	J
	Total TIC, Semi-Volatile		200	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high.
(c) Associated CCV outside of control limits low.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB29 (1.5-2)		
Lab Sample ID:	JD57654-5	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181554.D	1	12/30/22 01:43	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.69	0.57	ug/kg	
319-84-6	alpha-BHC	ND	0.69	0.56	ug/kg	
319-85-7	beta-BHC	ND	0.69	0.62	ug/kg	
319-86-8	delta-BHC	ND	0.69	0.66	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.69	0.51	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.69	0.55	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.69	0.31	ug/kg	
60-57-1	Dieldrin	ND	0.69	0.47	ug/kg	
72-54-8	4,4'-DDD	ND	0.69	0.63	ug/kg	
72-55-9	4,4'-DDE	ND	0.69	0.60	ug/kg	
50-29-3	4,4'-DDT	0.75	0.69	0.61	ug/kg	B
72-20-8	Endrin	ND	0.69	0.53	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.69	0.54	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.69	0.39	ug/kg	
959-98-8	Endosulfan-I	ND	0.69	0.40	ug/kg	
33213-65-9	Endosulfan-II	ND	0.69	0.43	ug/kg	
76-44-8	Heptachlor	ND	0.69	0.59	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.69	0.48	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.55	ug/kg	
53494-70-5	Endrin ketone	ND	0.69	0.50	ug/kg	
8001-35-2	Toxaphene	ND	17	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		13-162%
877-09-8	Tetrachloro-m-xylene	99%		13-162%
2051-24-3	Decachlorobiphenyl	95%		10-180%
2051-24-3	Decachlorobiphenyl	100%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB29 (1.5-2)		
Lab Sample ID:	JD57654-5	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	93.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127017.D	1	12/30/22 06:01	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	16	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	22	ug/kg	
53469-21-9	Aroclor 1242	ND	34	14	ug/kg	
12672-29-6	Aroclor 1248	ND	34	31	ug/kg	
11097-69-1	Aroclor 1254	ND	34	18	ug/kg	
11096-82-5	Aroclor 1260	ND	34	15	ug/kg	
11100-14-4	Aroclor 1268	ND	34	14	ug/kg	
37324-23-5	Aroclor 1262	ND	34	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	138%		10-163%
877-09-8	Tetrachloro-m-xylene	106%		10-163%
2051-24-3	Decachlorobiphenyl	110%		10-215%
2051-24-3	Decachlorobiphenyl	96%		10-215%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB29 (1.5-2)		
Lab Sample ID:	JD57654-5	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.9
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	10100	51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Antimony	< 2.0	2.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Arsenic	< 2.0	2.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Barium	77.1	20	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Beryllium	0.42	0.20	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cadmium	< 0.51	0.51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Calcium	10200	510	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Chromium	17.4	1.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cobalt	8.8	5.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Copper	40.6	2.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Iron	18700	51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Lead	40.4	2.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Magnesium	7370	510	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Manganese	226	1.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Mercury	0.076	0.033	mg/kg	1	12/28/22	12/29/22	LM	SW846 7471B [2]	SW846 7471B [4]
Nickel	15.6	4.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Potassium	1990	1000	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Selenium	< 2.0	2.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Silver	< 0.51	0.51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Sodium	< 1000	1000	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Thallium	< 1.0	1.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Vanadium	46.4	5.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Zinc	54.4	5.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA53506
(2) Instrument QC Batch: MA53517
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37129

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB29 (1.5-2)		
Lab Sample ID:	JD57654-5	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.9
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.30	0.30	mg/kg	1	12/23/22 13:10	MM	SW846 9012B/LACHAT
Solids, Percent	93.9		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB29 (6.5-7)
Lab Sample ID: JD57654-6
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 93.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197791.D	1	12/22/22 19:07	PS	12/22/22 08:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.7	4.0	ug/kg	
71-43-2	Benzene	ND	0.48	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.54	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform	ND	4.8	1.3	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.74	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	1.9	0.52	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.60	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.44	ug/kg	
75-00-3	Chloroethane [a]	ND	4.8	0.57	ug/kg	
67-66-3	Chloroform	ND	1.9	0.50	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.67	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.54	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.97	0.53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.97	0.48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.97	0.48	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	4.8	0.70	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.97	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.97	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.97	0.81	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.97	0.59	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.46	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.44	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	0.44	ug/kg	
76-13-1	Freon 113	ND	4.8	2.6	ug/kg	
591-78-6	2-Hexanone	ND	4.8	2.1	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB29 (6.5-7)		
Lab Sample ID:	JD57654-6	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	93.8
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	4.8	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.85	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	2.2	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.5	ug/kg	
100-42-5	Styrene	ND	1.9	0.39	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.58	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.56	ug/kg	
108-88-3	Toluene	ND	0.97	0.51	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.54	ug/kg	
79-01-6	Trichloroethene	ND	0.97	0.74	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.8	0.66	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.47	ug/kg	
	m,p-Xylene	ND	0.97	0.87	ug/kg	
95-47-6	o-Xylene	ND	0.97	0.44	ug/kg	
1330-20-7	Xylene (total)	ND	0.97	0.44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	111%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	7.9	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB29 (6.5-7)		
Lab Sample ID:	JD57654-6	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.8
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111324.D	1	12/29/22 19:12	RS	12/27/22 12:00	OP43808	E2P5036
Run #2							

	Initial Weight	Final Volume
Run #1	31.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	68	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	29	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	60	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	36	ug/kg	
95-48-7	2-Methylphenol	ND	68	22	ug/kg	
	3&4-Methylphenol	ND	68	28	ug/kg	
88-75-5	2-Nitrophenol	ND	170	22	ug/kg	
100-02-7	4-Nitrophenol	ND	340	91	ug/kg	
87-86-5	Pentachlorophenol	ND	140	32	ug/kg	
108-95-2	Phenol	ND	68	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	22	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	25	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	34	12	ug/kg	
208-96-8	Acenaphthylene [a]	ND	34	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.3	ug/kg	
120-12-7	Anthracene	ND	34	21	ug/kg	
1912-24-9	Atrazine	ND	68	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	34	9.6	ug/kg	
50-32-8	Benzo(a)pyrene	ND	34	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	34	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	34	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	68	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	68	8.3	ug/kg	
92-52-4	1,1'-Biphenyl	ND	68	4.6	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.4	ug/kg	
91-58-7	2-Chloronaphthalene	ND	68	8.1	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	68	4.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB29 (6.5-7)		
Lab Sample ID:	JD57654-6	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.8
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	68	13	ug/kg	
218-01-9	Chrysene	ND	34	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	68	7.3	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	68	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	68	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	68	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	34	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	34	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [b]	ND	68	28	ug/kg	
123-91-1	1,4-Dioxane	ND	34	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	34	15	ug/kg	
132-64-9	Dibenzofuran	ND	68	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	68	5.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	68	8.4	ug/kg	
84-66-2	Diethyl phthalate	ND	68	7.2	ug/kg	
131-11-3	Dimethyl phthalate	ND	68	6.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	68	7.9	ug/kg	
206-44-0	Fluoranthene	ND	34	15	ug/kg	
86-73-7	Fluorene	ND	34	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	68	8.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	34	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	340	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	34	16	ug/kg	
78-59-1	Isophorone	ND	68	7.3	ug/kg	
91-57-6	2-Methylnaphthalene	ND	34	7.7	ug/kg	
88-74-4	2-Nitroaniline	ND	170	8.0	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.5	ug/kg	
100-01-6	4-Nitroaniline	ND	170	8.8	ug/kg	
91-20-3	Naphthalene	ND	34	9.6	ug/kg	
98-95-3	Nitrobenzene	ND	68	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [b]	ND	68	9.8	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	12	ug/kg	
85-01-8	Phenanthrene	ND	34	11	ug/kg	
129-00-0	Pyrene	ND	34	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB29 (6.5-7)		
Lab Sample ID:	JD57654-6	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.8
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	54%		10-96%
118-79-6	2,4,6-Tribromophenol	60%		10-123%
4165-60-0	Nitrobenzene-d5	51%		10-109%
321-60-8	2-Fluorobiphenyl	50%		11-109%
1718-51-0	Terphenyl-d14	74%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	System artifact/aldol-condensation	3.66	5900	ug/kg	J
	Total TIC, Semi-Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
(b) Associated CCV outside of control limits high, sample was ND.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB29 (6.5-7)		
Lab Sample ID:	JD57654-6	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	93.8
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181555.D	1	12/30/22 02:02	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.70	0.57	ug/kg	
319-84-6	alpha-BHC	ND	0.70	0.57	ug/kg	
319-85-7	beta-BHC	ND	0.70	0.63	ug/kg	
319-86-8	delta-BHC	ND	0.70	0.67	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.70	0.51	ug/kg	
5103-71-9	alpha-Chlordane	1.0	0.70	0.56	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.70	0.32	ug/kg	
60-57-1	Dieldrin	ND	0.70	0.48	ug/kg	
72-54-8	4,4'-DDD	1.1	0.70	0.64	ug/kg	
72-55-9	4,4'-DDE	ND	0.70	0.61	ug/kg	
50-29-3	4,4'-DDT	2.8	0.70	0.62	ug/kg	B
72-20-8	Endrin	ND	0.70	0.54	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.70	0.54	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.70	0.40	ug/kg	
959-98-8	Endosulfan-I	ND	0.70	0.40	ug/kg	
33213-65-9	Endosulfan-II	ND	0.70	0.43	ug/kg	
76-44-8	Heptachlor	ND	0.70	0.60	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.70	0.49	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.55	ug/kg	
53494-70-5	Endrin ketone	ND	0.70	0.50	ug/kg	
8001-35-2	Toxaphene	ND	17	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		13-162%
877-09-8	Tetrachloro-m-xylene	113%		13-162%
2051-24-3	Decachlorobiphenyl	114%		10-180%
2051-24-3	Decachlorobiphenyl	145%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB29 (6.5-7)		
Lab Sample ID:	JD57654-6	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	93.8
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127018.D	1	12/30/22 06:18	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	22	ug/kg	
11141-16-5	Aroclor 1232	ND	35	22	ug/kg	
53469-21-9	Aroclor 1242	ND	35	14	ug/kg	
12672-29-6	Aroclor 1248	ND	35	31	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	15	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	127%		10-163%
877-09-8	Tetrachloro-m-xylene	102%		10-163%
2051-24-3	Decachlorobiphenyl	111%		10-215%
2051-24-3	Decachlorobiphenyl	107%		10-215%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB29 (6.5-7)		
Lab Sample ID:	JD57654-6	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.8
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6640	56	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Antimony	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Arsenic	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Barium	57.5	22	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Beryllium	0.31	0.22	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cadmium	< 0.56	0.56	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Calcium	1760	560	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Chromium	10.6	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cobalt	< 5.6	5.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Copper	12.4	2.8	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Iron	11500	56	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Lead	2.9	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Magnesium	1820	560	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Manganese	320	1.7	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Mercury	< 0.034	0.034	mg/kg	1	12/28/22	12/29/22	LM	SW846 7471B [2]	SW846 7471B [4]
Nickel	8.7	4.4	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Potassium	1330	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Selenium	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Silver	< 0.56	0.56	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Vanadium	16.6	5.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Zinc	19.5	5.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA53506
(2) Instrument QC Batch: MA53517
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37129

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB29 (6.5-7)		
Lab Sample ID:	JD57654-6	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.8
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.27	0.27	mg/kg	1	12/23/22 13:12	MM	SW846 9012B/LACHAT
Solids, Percent	93.8		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB25 (.5-1)
Lab Sample ID: JD57654-7
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 94.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197792.D	1	12/22/22 19:29	PS	12/22/22 10:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.0	3.7	ug/kg	
71-43-2	Benzene	ND	0.45	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	4.5	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.38	ug/kg	
75-25-2	Bromoform	ND	4.5	1.2	ug/kg	
74-83-9	Bromomethane	ND	4.5	0.68	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.0	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	1.8	0.48	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.41	ug/kg	
75-00-3	Chloroethane [a]	ND	4.5	0.53	ug/kg	
67-66-3	Chloroform	ND	1.8	0.46	ug/kg	
74-87-3	Chloromethane	ND	4.5	1.8	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.62	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.50	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.90	0.38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.90	0.49	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.90	0.44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.90	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	4.5	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.90	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.90	0.42	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.90	0.59	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.90	0.75	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.90	0.55	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.43	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.41	ug/kg	
100-41-4	Ethylbenzene	ND	0.90	0.41	ug/kg	
76-13-1	Freon 113	ND	4.5	2.4	ug/kg	
591-78-6	2-Hexanone	ND	4.5	1.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB25 (.5-1)		
Lab Sample ID:	JD57654-7	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.5	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.78	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.90	0.42	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.5	2.0	ug/kg	
75-09-2	Methylene chloride	ND	4.5	2.3	ug/kg	
100-42-5	Styrene	ND	1.8	0.36	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.54	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.52	ug/kg	
108-88-3	Toluene	ND	0.90	0.47	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.50	ug/kg	
79-01-6	Trichloroethene	ND	0.90	0.68	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.5	0.61	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.43	ug/kg	
	m,p-Xylene	ND	0.90	0.80	ug/kg	
95-47-6	o-Xylene	ND	0.90	0.41	ug/kg	
1330-20-7	Xylene (total)	ND	0.90	0.41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	107%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.97	8.4	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB25 (.5-1)
Lab Sample ID: JD57654-7
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 94.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111297.D	1	12/28/22 14:40	JY	12/27/22 12:00	OP43808	E2P5035
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	70	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol [a]	ND	180	63	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	38	ug/kg	
95-48-7	2-Methylphenol [a]	ND	70	23	ug/kg	
	3&4-Methylphenol [a]	ND	70	29	ug/kg	
88-75-5	2-Nitrophenol	ND	180	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	94	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	70	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	ND	35	12	ug/kg	
208-96-8	Acenaphthylene	ND	35	18	ug/kg	
98-86-2	Acetophenone [a]	ND	180	7.6	ug/kg	
120-12-7	Anthracene	22.2	35	22	ug/kg	J
1912-24-9	Atrazine	ND	70	15	ug/kg	
56-55-3	Benzo(a)anthracene	104	35	10	ug/kg	
50-32-8	Benzo(a)pyrene	121	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	127	35	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	101	35	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	40.6	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	70	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	70	8.6	ug/kg	
92-52-4	1,1'-Biphenyl	ND	70	4.8	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	70	8.4	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	10.4	70	5.1	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB25 (.5-1)		
Lab Sample ID:	JD57654-7	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	70	14	ug/kg	
218-01-9	Chrysene	94.4	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	70	7.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	70	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	70	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	70	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	70	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	33.2	35	16	ug/kg	J
132-64-9	Dibenzofuran	ND	70	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	70	5.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	70	8.8	ug/kg	
84-66-2	Diethyl phthalate	ND	70	7.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	70	6.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	70	8.2	ug/kg	
206-44-0	Fluoranthene	183	35	16	ug/kg	
86-73-7	Fluorene	ND	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	70	8.9	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	116	35	17	ug/kg	
78-59-1	Isophorone	ND	70	7.5	ug/kg	
91-57-6	2-Methylnaphthalene	ND	35	8.0	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.3	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.8	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.1	ug/kg	
91-20-3	Naphthalene [a]	ND	35	9.9	ug/kg	
98-95-3	Nitrobenzene	ND	70	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [a]	ND	70	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	82.1	35	12	ug/kg	
129-00-0	Pyrene [b]	172	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	49%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB25 (.5-1)		
Lab Sample ID:	JD57654-7	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	52%		10-96%
118-79-6	2,4,6-Tribromophenol	67%		10-123%
4165-60-0	Nitrobenzene-d5	48%		10-109%
321-60-8	2-Fluorobiphenyl	50%		11-109%
1718-51-0	Terphenyl-d14	68%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.65	4400	ug/kg	J
	Total TIC, Semi-Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low.

SGS North America Inc.

Report of Analysis

Client Sample ID: SB25 (.5-1)
Lab Sample ID: JD57654-7
Matrix: SO - Soil
Method: SW846 8081B SW846 3546
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 94.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181556.D	1	12/30/22 02:20	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.69	0.57	ug/kg	
319-84-6	alpha-BHC	ND	0.69	0.56	ug/kg	
319-85-7	beta-BHC	ND	0.69	0.62	ug/kg	
319-86-8	delta-BHC	ND	0.69	0.66	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.69	0.51	ug/kg	
5103-71-9	alpha-Chlordane	0.99	0.69	0.56	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.69	0.31	ug/kg	
60-57-1	Dieldrin	ND	0.69	0.47	ug/kg	
72-54-8	4,4'-DDD	ND	0.69	0.63	ug/kg	
72-55-9	4,4'-DDE	ND	0.69	0.61	ug/kg	
50-29-3	4,4'-DDT	1.8	0.69	0.61	ug/kg	B
72-20-8	Endrin	ND	0.69	0.54	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.69	0.54	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.69	0.39	ug/kg	
959-98-8	Endosulfan-I	ND	0.69	0.40	ug/kg	
33213-65-9	Endosulfan-II	ND	0.69	0.43	ug/kg	
76-44-8	Heptachlor	ND	0.69	0.60	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.69	0.48	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.55	ug/kg	
53494-70-5	Endrin ketone	ND	0.69	0.50	ug/kg	
8001-35-2	Toxaphene	ND	17	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	110%		13-162%
877-09-8	Tetrachloro-m-xylene	121%		13-162%
2051-24-3	Decachlorobiphenyl	128%		10-180%
2051-24-3	Decachlorobiphenyl	146%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB25 (.5-1)		
Lab Sample ID:	JD57654-7	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	94.6
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127019.D	1	12/30/22 06:35	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	16	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	22	ug/kg	
53469-21-9	Aroclor 1242	ND	34	14	ug/kg	
12672-29-6	Aroclor 1248	ND	34	30	ug/kg	
11097-69-1	Aroclor 1254	ND	34	18	ug/kg	
11096-82-5	Aroclor 1260	ND	34	15	ug/kg	
11100-14-4	Aroclor 1268	ND	34	14	ug/kg	
37324-23-5	Aroclor 1262	ND	34	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	175% [a]		10-163%
877-09-8	Tetrachloro-m-xylene	136%		10-163%
2051-24-3	Decachlorobiphenyl	142%		10-215%
2051-24-3	Decachlorobiphenyl	133%		10-215%

(a) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB25 (.5-1)		
Lab Sample ID:	JD57654-7	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	94.6
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8130	53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Antimony	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Arsenic	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Barium	107	21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Beryllium	0.42	0.21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cadmium	< 0.53	0.53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Calcium	6260	530	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Chromium	23.0	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cobalt	6.4	5.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Copper	21.9	2.7	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Iron	14900	53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Lead	22.8	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Magnesium	5940	530	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Manganese	234	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Mercury	0.049	0.032	mg/kg	1	12/28/22	12/29/22	LM	SW846 7471B [2]	SW846 7471B [4]
Nickel	15.5	4.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Potassium	2410	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Selenium	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Silver	< 0.53	0.53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Vanadium	26.5	5.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Zinc	41.5	5.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA53506
(2) Instrument QC Batch: MA53517
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37129

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB25 (.5-1)		
Lab Sample ID:	JD57654-7	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	94.6
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.26	0.26	mg/kg	1	12/23/22 13:13	MM	SW846 9012B/LACHAT
Solids, Percent	94.6		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB25 (7-7.5)
Lab Sample ID: JD57654-8
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 92.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197793.D	1	12/22/22 19:51	PS	12/22/22 10:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	6.1 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.8	3.7	ug/kg	
71-43-2	Benzene	ND	0.44	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	4.4	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.38	ug/kg	
75-25-2	Bromoform	ND	4.4	1.2	ug/kg	
74-83-9	Bromomethane	ND	4.4	0.67	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.8	2.1	ug/kg	
75-15-0	Carbon disulfide	ND	1.8	0.47	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.40	ug/kg	
75-00-3	Chloroethane [a]	ND	4.4	0.52	ug/kg	
67-66-3	Chloroform	ND	1.8	0.46	ug/kg	
74-87-3	Chloromethane	ND	4.4	1.7	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.58	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.61	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.49	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.88	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.88	0.48	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.88	0.44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.88	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	4.4	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.88	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.88	0.41	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.88	0.58	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.88	0.74	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.88	0.54	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.42	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.42	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.40	ug/kg	
100-41-4	Ethylbenzene	ND	0.88	0.40	ug/kg	
76-13-1	Freon 113	ND	4.4	2.4	ug/kg	
591-78-6	2-Hexanone	ND	4.4	1.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB25 (7-7.5)		
Lab Sample ID:	JD57654-8	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.4	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.77	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.88	0.41	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.4	2.0	ug/kg	
75-09-2	Methylene chloride	ND	4.4	2.3	ug/kg	
100-42-5	Styrene	ND	1.8	0.35	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.53	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.51	ug/kg	
108-88-3	Toluene	ND	0.88	0.46	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.4	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.4	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.49	ug/kg	
79-01-6	Trichloroethene	ND	0.88	0.67	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.4	0.60	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.42	ug/kg	
	m,p-Xylene	ND	0.88	0.79	ug/kg	
95-47-6	o-Xylene	ND	0.88	0.40	ug/kg	
1330-20-7	Xylene (total)	ND	0.88	0.40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	110%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.97	8.6	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB25 (7-7.5)		
Lab Sample ID:	JD57654-8	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111301.D	1	12/28/22 16:22	JY	12/27/22 12:00	OP43808	E2P5035
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol [a]	ND	180	64	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	38	ug/kg	
95-48-7	2-Methylphenol [a]	ND	71	23	ug/kg	
	3&4-Methylphenol [a]	ND	71	29	ug/kg	
88-75-5	2-Nitrophenol	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	95	ug/kg	
87-86-5	Pentachlorophenol	ND	140	34	ug/kg	
108-95-2	Phenol	ND	71	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	30.4	36	12	ug/kg	J
208-96-8	Acenaphthylene	47.8	36	18	ug/kg	
98-86-2	Acetophenone [a]	ND	180	7.7	ug/kg	
120-12-7	Anthracene	197	36	22	ug/kg	
1912-24-9	Atrazine	ND	71	15	ug/kg	
56-55-3	Benzo(a)anthracene	841	36	10	ug/kg	
50-32-8	Benzo(a)pyrene	788	36	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	677	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	473	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	271	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	8.7	ug/kg	
92-52-4	1,1'-Biphenyl	ND	71	4.9	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.5	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	37.1	71	5.2	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB25 (7-7.5)		
Lab Sample ID:	JD57654-8	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	71	14	ug/kg	
218-01-9	Chrysene	782	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	7.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	71	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	71	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	120	36	16	ug/kg	
132-64-9	Dibenzofuran	ND	71	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	71	5.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	71	7.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	6.4	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	25.6	71	8.4	ug/kg	J
206-44-0	Fluoranthene	1770	36	16	ug/kg	
86-73-7	Fluorene	31.4	36	16	ug/kg	J
118-74-1	Hexachlorobenzene	ND	71	9.0	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	36	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	545	36	17	ug/kg	
78-59-1	Isophorone	ND	71	7.6	ug/kg	
91-57-6	2-Methylnaphthalene	8.2	36	8.1	ug/kg	J
88-74-4	2-Nitroaniline	ND	180	8.4	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.9	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.3	ug/kg	
91-20-3	Naphthalene [b]	21.6	36	10	ug/kg	J
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [a]	ND	71	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	829	36	12	ug/kg	
129-00-0	Pyrene [c]	1680	36	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	61%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB25 (7-7.5)		
Lab Sample ID:	JD57654-8	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	61%		10-96%
118-79-6	2,4,6-Tribromophenol	75%		10-123%
4165-60-0	Nitrobenzene-d5	56%		10-109%
321-60-8	2-Fluorobiphenyl	58%		11-109%
1718-51-0	Terphenyl-d14	68%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.66	6200	ug/kg	J
	Phenanthrene,-methyl-	10.72	160	ug/kg	J
	unknown	10.84	180	ug/kg	J
	Naphthalene,phenyl-	11.17	170	ug/kg	J
	unknown pah	15.78	150	ug/kg	J
	unknown pah	16.02	410	ug/kg	J
	Total TIC, Semi-Volatile		1070	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high.
(c) Associated CCV outside of control limits low.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB25 (7-7.5)		
Lab Sample ID:	JD57654-8	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181557.D	1	12/30/22 02:38	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.69	0.57	ug/kg	
319-84-6	alpha-BHC	ND	0.69	0.56	ug/kg	
319-85-7	beta-BHC	ND	0.69	0.63	ug/kg	
319-86-8	delta-BHC	ND	0.69	0.67	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.69	0.51	ug/kg	
5103-71-9	alpha-Chlordane	5.0	0.69	0.56	ug/kg	
5103-74-2	gamma-Chlordane [a]	1.4	0.69	0.31	ug/kg	
60-57-1	Dieldrin	0.82	0.69	0.48	ug/kg	
72-54-8	4,4'-DDD	2.5	0.69	0.64	ug/kg	
72-55-9	4,4'-DDE [a]	1.9	0.69	0.61	ug/kg	
50-29-3	4,4'-DDT	9.4	0.69	0.62	ug/kg	B
72-20-8	Endrin	ND	0.69	0.54	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.69	0.54	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.69	0.39	ug/kg	
959-98-8	Endosulfan-I	ND	0.69	0.40	ug/kg	
33213-65-9	Endosulfan-II	ND	0.69	0.43	ug/kg	
76-44-8	Heptachlor	ND	0.69	0.60	ug/kg	
1024-57-3	Heptachlor epoxide	0.96	0.69	0.49	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.55	ug/kg	
53494-70-5	Endrin ketone	ND	0.69	0.50	ug/kg	
8001-35-2	Toxaphene	ND	17	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		13-162%
877-09-8	Tetrachloro-m-xylene	107%		13-162%
2051-24-3	Decachlorobiphenyl	124%		10-180%
2051-24-3	Decachlorobiphenyl	194% [b]		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB25 (7-7.5)		
Lab Sample ID:	JD57654-8	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	92.9
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127020.D	1	12/30/22 06:52	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	22	ug/kg	
11141-16-5	Aroclor 1232	ND	35	22	ug/kg	
53469-21-9	Aroclor 1242	ND	35	14	ug/kg	
12672-29-6	Aroclor 1248	ND	35	31	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	15	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	146%		10-163%
877-09-8	Tetrachloro-m-xylene	112%		10-163%
2051-24-3	Decachlorobiphenyl	132%		10-215%
2051-24-3	Decachlorobiphenyl	147%		10-215%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB25 (7-7.5)		
Lab Sample ID:	JD57654-8	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	92.9
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6730	55	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Antimony	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Arsenic	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Barium	72.0	22	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Beryllium	0.34	0.22	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cadmium	< 0.55	0.55	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Calcium	6640	550	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Chromium	12.9	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cobalt	< 5.5	5.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Copper	17.6	2.7	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Iron	13500	55	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Lead	45.9	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Magnesium	3420	550	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Manganese	210	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Mercury	0.10	0.033	mg/kg	1	12/28/22	12/29/22	LM	SW846 7471B [2]	SW846 7471B [4]
Nickel	10.0	4.4	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Potassium	1470	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Selenium	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Silver	< 0.55	0.55	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Vanadium	20.5	5.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Zinc	71.3	5.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA53506
(2) Instrument QC Batch: MA53517
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37129

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB25 (7-7.5)		
Lab Sample ID:	JD57654-8	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	92.9
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.43	0.22	mg/kg	1	12/23/22 13:14	MM	SW846 9012B/LACHAT
Solids, Percent	92.9		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB26 (2.5-3)
Lab Sample ID: JD57654-9
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 91.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197794.D	1	12/22/22 20:13	PS	12/22/22 10:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.2	3.8	ug/kg	
71-43-2	Benzene	ND	0.46	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	4.6	0.52	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.40	ug/kg	
75-25-2	Bromoform	ND	4.6	1.3	ug/kg	
74-83-9	Bromomethane	ND	4.6	0.71	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.2	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	1.8	0.49	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.57	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.42	ug/kg	
75-00-3	Chloroethane [a]	ND	4.6	0.55	ug/kg	
67-66-3	Chloroform	ND	1.8	0.48	ug/kg	
74-87-3	Chloromethane	ND	4.6	1.8	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.64	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.52	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.92	0.39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.92	0.50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.92	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.92	0.46	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	4.6	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.92	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.92	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.92	0.60	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.92	0.78	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.92	0.56	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.44	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.44	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.42	ug/kg	
100-41-4	Ethylbenzene	ND	0.92	0.42	ug/kg	
76-13-1	Freon 113	ND	4.6	2.5	ug/kg	
591-78-6	2-Hexanone	ND	4.6	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB26 (2.5-3)		
Lab Sample ID:	JD57654-9	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	91.8
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.6	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.81	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.92	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.6	2.1	ug/kg	
75-09-2	Methylene chloride	ND	4.6	2.4	ug/kg	
100-42-5	Styrene	ND	1.8	0.37	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.55	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.54	ug/kg	
108-88-3	Toluene	ND	0.92	0.48	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.6	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.6	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.51	ug/kg	
79-01-6	Trichloroethene	ND	0.92	0.70	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.6	0.63	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.44	ug/kg	
	m,p-Xylene	ND	0.92	0.83	ug/kg	
95-47-6	o-Xylene	ND	0.92	0.42	ug/kg	
1330-20-7	Xylene (total)	ND	0.92	0.42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	111%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	8.9	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB26 (2.5-3)
Lab Sample ID: JD57654-9
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 91.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111302.D	1	12/28/22 16:48	JY	12/27/22 12:00	OP43808	E2P5035
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol [a]	ND	180	63	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	38	ug/kg	
95-48-7	2-Methylphenol [a]	ND	71	23	ug/kg	
	3&4-Methylphenol [a]	ND	71	29	ug/kg	
88-75-5	2-Nitrophenol	ND	180	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	94	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	71	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	ND	35	12	ug/kg	
208-96-8	Acenaphthylene	21.2	35	18	ug/kg	J
98-86-2	Acetophenone [a]	ND	180	7.6	ug/kg	
120-12-7	Anthracene	38.9	35	22	ug/kg	
1912-24-9	Atrazine	ND	71	15	ug/kg	
56-55-3	Benzo(a)anthracene	194	35	10	ug/kg	
50-32-8	Benzo(a)pyrene	191	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	201	35	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	144	35	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	63.5	35	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	8.6	ug/kg	
92-52-4	1,1'-Biphenyl	ND	71	4.8	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.4	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	15.5	71	5.1	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB26 (2.5-3)		
Lab Sample ID:	JD57654-9	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	91.8
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	71	14	ug/kg	
218-01-9	Chrysene	185	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	7.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	71	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	71	30	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	52.9	35	16	ug/kg	
132-64-9	Dibenzofuran	ND	71	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	71	5.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.8	ug/kg	
84-66-2	Diethyl phthalate	ND	71	7.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	6.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	71	8.3	ug/kg	
206-44-0	Fluoranthene	303	35	16	ug/kg	
86-73-7	Fluorene	ND	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	71	9.0	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	167	35	17	ug/kg	
78-59-1	Isophorone	ND	71	7.6	ug/kg	
91-57-6	2-Methylnaphthalene	ND	35	8.0	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.3	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.8	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.2	ug/kg	
91-20-3	Naphthalene [a]	ND	35	10	ug/kg	
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [a]	ND	71	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	138	35	12	ug/kg	
129-00-0	Pyrene [b]	313	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		10-99%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB26 (2.5-3)		
Lab Sample ID:	JD57654-9	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	91.8
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	50%		10-96%
118-79-6	2,4,6-Tribromophenol	52%		10-123%
4165-60-0	Nitrobenzene-d5	48%		10-109%
321-60-8	2-Fluorobiphenyl	51%		11-109%
1718-51-0	Terphenyl-d14	62%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.66	8300	ug/kg	J
	Total TIC, Semi-Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB26 (2.5-3)		
Lab Sample ID:	JD57654-9	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	91.8
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181558.D	1	12/30/22 02:56	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.71	0.58	ug/kg	
319-84-6	alpha-BHC	ND	0.71	0.58	ug/kg	
319-85-7	beta-BHC	ND	0.71	0.64	ug/kg	
319-86-8	delta-BHC	ND	0.71	0.68	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.71	0.52	ug/kg	
5103-71-9	alpha-Chlordane	5.9	0.71	0.57	ug/kg	
5103-74-2	gamma-Chlordane [a]	3.7	0.71	0.32	ug/kg	
60-57-1	Dieldrin [a]	0.69	0.71	0.49	ug/kg	J
72-54-8	4,4'-DDD [a]	2.9	0.71	0.65	ug/kg	
72-55-9	4,4'-DDE	2.2	0.71	0.62	ug/kg	
50-29-3	4,4'-DDT	10.5	0.71	0.63	ug/kg	B
72-20-8	Endrin	ND	0.71	0.55	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.71	0.55	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.71	0.40	ug/kg	
959-98-8	Endosulfan-I	ND	0.71	0.41	ug/kg	
33213-65-9	Endosulfan-II	ND	0.71	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.71	0.61	ug/kg	
1024-57-3	Heptachlor epoxide	1.4	0.71	0.50	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.56	ug/kg	
53494-70-5	Endrin ketone	ND	0.71	0.51	ug/kg	
8001-35-2	Toxaphene	ND	18	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	109%		13-162%
877-09-8	Tetrachloro-m-xylene	118%		13-162%
2051-24-3	Decachlorobiphenyl	151%		10-180%
2051-24-3	Decachlorobiphenyl	206% [b]		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB26 (2.5-3)		
Lab Sample ID:	JD57654-9	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	91.8
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127021.D	1	12/30/22 07:09	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	16.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	15	ug/kg	
11104-28-2	Aroclor 1221	ND	33	21	ug/kg	
11141-16-5	Aroclor 1232	ND	33	21	ug/kg	
53469-21-9	Aroclor 1242	ND	33	14	ug/kg	
12672-29-6	Aroclor 1248	ND	33	30	ug/kg	
11097-69-1	Aroclor 1254	ND	33	18	ug/kg	
11096-82-5	Aroclor 1260	ND	33	14	ug/kg	
11100-14-4	Aroclor 1268	ND	33	14	ug/kg	
37324-23-5	Aroclor 1262	ND	33	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	152%		10-163%
877-09-8	Tetrachloro-m-xylene	119%		10-163%
2051-24-3	Decachlorobiphenyl	136%		10-215%
2051-24-3	Decachlorobiphenyl	165%		10-215%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB26 (2.5-3)		
Lab Sample ID:	JD57654-9	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	91.8
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9350	52	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Antimony	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Arsenic	2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Barium	89.9	21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Beryllium	0.42	0.21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cadmium	< 0.52	0.52	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Calcium	11400	520	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Chromium	19.3	1.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cobalt	8.9	5.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Copper	40.1	2.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Iron	20900	52	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Lead	38.5	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Magnesium	6620	520	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Manganese	235	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Mercury	0.068	0.033	mg/kg	1	12/28/22	12/29/22	LM	SW846 7471B [2]	SW846 7471B [4]
Nickel	16.9	4.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Potassium	2280	1000	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Selenium	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Silver	< 0.52	0.52	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Sodium	< 1000	1000	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Thallium	< 1.0	1.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Vanadium	38.1	5.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Zinc	70.8	5.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA53506
(2) Instrument QC Batch: MA53517
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37129

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB26 (2.5-3)		
Lab Sample ID:	JD57654-9	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	91.8
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.32	0.27	mg/kg	1	12/23/22 13:16	MM	SW846 9012B/LACHAT
Solids, Percent	91.8		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB26 (11-11.5)
Lab Sample ID: JD57654-10
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 93.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197795.D	1	12/22/22 20:35	PS	12/22/22 10:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.3	3.8	ug/kg	
71-43-2	Benzene	ND	0.46	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	4.6	0.52	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.40	ug/kg	
75-25-2	Bromoform	ND	4.6	1.3	ug/kg	
74-83-9	Bromomethane	ND	4.6	0.71	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.3	2.3	ug/kg	
75-15-0	Carbon disulfide	ND	1.9	0.50	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.57	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.43	ug/kg	
75-00-3	Chloroethane [a]	ND	4.6	0.55	ug/kg	
67-66-3	Chloroform	ND	1.9	0.48	ug/kg	
74-87-3	Chloromethane	ND	4.6	1.8	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.64	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.52	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.93	0.39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.93	0.51	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.93	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.93	0.46	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	4.6	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.93	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.93	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.93	0.61	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.93	0.78	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.93	0.57	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.44	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.44	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.42	ug/kg	
100-41-4	Ethylbenzene	ND	0.93	0.42	ug/kg	
76-13-1	Freon 113	ND	4.6	2.5	ug/kg	
591-78-6	2-Hexanone	ND	4.6	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB26 (11-11.5)		
Lab Sample ID:	JD57654-10	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	93.1
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.6	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.81	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.93	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.6	2.1	ug/kg	
75-09-2	Methylene chloride	ND	4.6	2.4	ug/kg	
100-42-5	Styrene	ND	1.9	0.37	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.55	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.54	ug/kg	
108-88-3	Toluene	ND	0.93	0.49	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.6	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.6	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.51	ug/kg	
79-01-6	Trichloroethene	ND	0.93	0.71	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.6	0.63	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.93	0.83	ug/kg	
95-47-6	o-Xylene	ND	0.93	0.42	ug/kg	
1330-20-7	Xylene (total)	ND	0.93	0.42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	112%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	8.5	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB26 (11-11.5)		
Lab Sample ID:	JD57654-10	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.1
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111303.D	1	12/28/22 17:14	JY	12/27/22 12:00	OP43808	E2P5035
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	71	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol [a]	ND	180	63	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	38	ug/kg	
95-48-7	2-Methylphenol [a]	ND	71	23	ug/kg	
	3&4-Methylphenol [a]	ND	71	29	ug/kg	
88-75-5	2-Nitrophenol	ND	180	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	95	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	71	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	59.2	35	12	ug/kg	
208-96-8	Acenaphthylene	47.8	35	18	ug/kg	
98-86-2	Acetophenone [a]	ND	180	7.6	ug/kg	
120-12-7	Anthracene	282	35	22	ug/kg	
1912-24-9	Atrazine	ND	71	15	ug/kg	
56-55-3	Benzo(a)anthracene	913	35	10	ug/kg	
50-32-8	Benzo(a)pyrene	829	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	842	35	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	504	35	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	297	35	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	71	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	71	8.7	ug/kg	
92-52-4	1,1'-Biphenyl	5.3	71	4.9	ug/kg	J
100-52-7	Benzaldehyde	ND	180	8.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	71	8.4	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	60.0	71	5.1	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB26 (11-11.5)		
Lab Sample ID:	JD57654-10	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.1
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	71	14	ug/kg	
218-01-9	Chrysene	804	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	71	7.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	71	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	71	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	71	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	71	30	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	133	35	16	ug/kg	
132-64-9	Dibenzofuran	37.8	71	14	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	71	5.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	71	8.8	ug/kg	
84-66-2	Diethyl phthalate	ND	71	7.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	71	6.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	71	8.3	ug/kg	
206-44-0	Fluoranthene	2380	35	16	ug/kg	
86-73-7	Fluorene	63.6	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	71	9.0	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	624	35	17	ug/kg	
78-59-1	Isophorone	ND	71	7.6	ug/kg	
91-57-6	2-Methylnaphthalene	16.3	35	8.0	ug/kg	J
88-74-4	2-Nitroaniline	ND	180	8.4	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.9	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.2	ug/kg	
91-20-3	Naphthalene [b]	17.7	35	10	ug/kg	J
98-95-3	Nitrobenzene	ND	71	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [a]	ND	71	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	1310	35	12	ug/kg	
129-00-0	Pyrene [c]	1610	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB26 (11-11.5)		
Lab Sample ID:	JD57654-10	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.1
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	49%		10-96%
118-79-6	2,4,6-Tribromophenol	68%		10-123%
4165-60-0	Nitrobenzene-d5	48%		10-109%
321-60-8	2-Fluorobiphenyl	52%		11-109%
1718-51-0	Terphenyl-d14	57%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.66	4400	ug/kg	J
	Phenanthrene,-methyl-	10.72	160	ug/kg	J
	unknown	10.84	190	ug/kg	J
	Naphthalene, phenyl-	11.17	180	ug/kg	J
	unknown pah	15.79	180	ug/kg	J
	unknown pah	16.02	530	ug/kg	J
	unknown pah	17.48	140	ug/kg	J
	Total TIC, Semi-Volatile		1380	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high.
(c) Associated CCV outside of control limits low.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB26 (11-11.5)		
Lab Sample ID:	JD57654-10	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	93.1
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181559.D	1	12/30/22 03:14	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	16.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.65	0.54	ug/kg	
319-84-6	alpha-BHC	ND	0.65	0.53	ug/kg	
319-85-7	beta-BHC	ND	0.65	0.59	ug/kg	
319-86-8	delta-BHC	ND	0.65	0.63	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.65	0.48	ug/kg	
5103-71-9	alpha-Chlordane	1.3	0.65	0.53	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.65	0.30	ug/kg	
60-57-1	Dieldrin [a]	0.52	0.65	0.45	ug/kg	J
72-54-8	4,4'-DDD	1.3	0.65	0.60	ug/kg	
72-55-9	4,4'-DDE	0.93	0.65	0.57	ug/kg	
50-29-3	4,4'-DDT	3.6	0.65	0.58	ug/kg	B
72-20-8	Endrin	ND	0.65	0.51	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.65	0.51	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.65	0.37	ug/kg	
959-98-8	Endosulfan-I	ND	0.65	0.38	ug/kg	
33213-65-9	Endosulfan-II	ND	0.65	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.65	0.56	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.65	0.46	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.52	ug/kg	
53494-70-5	Endrin ketone	ND	0.65	0.47	ug/kg	
8001-35-2	Toxaphene	ND	16	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		13-162%
877-09-8	Tetrachloro-m-xylene	104%		13-162%
2051-24-3	Decachlorobiphenyl	102%		10-180%
2051-24-3	Decachlorobiphenyl	152%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB26 (11-11.5)		
Lab Sample ID:	JD57654-10	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	93.1
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127022.D	1	12/30/22 07:25	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	34	16	ug/kg	
11104-28-2	Aroclor 1221	ND	34	21	ug/kg	
11141-16-5	Aroclor 1232	ND	34	22	ug/kg	
53469-21-9	Aroclor 1242	ND	34	14	ug/kg	
12672-29-6	Aroclor 1248	ND	34	31	ug/kg	
11097-69-1	Aroclor 1254	ND	34	18	ug/kg	
11096-82-5	Aroclor 1260	ND	34	15	ug/kg	
11100-14-4	Aroclor 1268	ND	34	14	ug/kg	
37324-23-5	Aroclor 1262	ND	34	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	138%		10-163%
877-09-8	Tetrachloro-m-xylene	107%		10-163%
2051-24-3	Decachlorobiphenyl	120%		10-215%
2051-24-3	Decachlorobiphenyl	122%		10-215%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB26 (11-11.5)		
Lab Sample ID:	JD57654-10	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.1
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9270	56	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Antimony	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Arsenic	2.5	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Barium	73.2	22	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Beryllium	0.41	0.22	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cadmium	< 0.56	0.56	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Calcium	9300	560	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Chromium	16.1	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Cobalt	8.0	5.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Copper	35.4	2.8	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Iron	16900	56	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Lead	83.0	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Magnesium	5970	560	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Manganese	238	1.7	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Mercury	0.11	0.032	mg/kg	1	12/28/22	12/29/22	LM	SW846 7471B [2]	SW846 7471B [4]
Nickel	14.9	4.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Potassium	1760	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Selenium	< 2.2	2.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Silver	< 0.56	0.56	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Vanadium	38.0	5.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]
Zinc	69.0	5.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA53506
(2) Instrument QC Batch: MA53517
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37129

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB26 (11-11.5)		
Lab Sample ID:	JD57654-10	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.1
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.21	0.21	mg/kg	1	12/23/22 13:17	MM	SW846 9012B/LACHAT
Solids, Percent	93.1		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB24 (3.5-4)
Lab Sample ID: JD57654-11
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 93.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197796.D	1	12/22/22 20:58	PS	12/22/22 10:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	6.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.6	3.6	ug/kg	
71-43-2	Benzene	ND	0.43	0.39	ug/kg	
74-97-5	Bromochloromethane	ND	4.3	0.48	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.37	ug/kg	
75-25-2	Bromoform	ND	4.3	1.2	ug/kg	
74-83-9	Bromomethane	ND	4.3	0.66	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.6	2.1	ug/kg	
75-15-0	Carbon disulfide	ND	1.7	0.46	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.53	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.40	ug/kg	
75-00-3	Chloroethane [a]	ND	4.3	0.51	ug/kg	
67-66-3	Chloroform	0.46	1.7	0.45	ug/kg	J
74-87-3	Chloromethane	ND	4.3	1.7	ug/kg	
110-82-7	Cyclohexane	ND	1.7	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.7	0.60	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.48	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.86	0.36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.86	0.47	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.86	0.43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.86	0.43	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	4.3	0.63	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.86	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.86	0.41	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.86	0.57	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.86	0.73	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.86	0.53	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.41	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.41	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.39	ug/kg	
100-41-4	Ethylbenzene	ND	0.86	0.39	ug/kg	
76-13-1	Freon 113	ND	4.3	2.3	ug/kg	
591-78-6	2-Hexanone	ND	4.3	1.8	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB24 (3.5-4)		
Lab Sample ID:	JD57654-11	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	93.4
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.7	1.2	ug/kg	
79-20-9	Methyl Acetate	ND	4.3	1.2	ug/kg	
108-87-2	Methylcyclohexane	ND	1.7	0.76	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.86	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.3	2.0	ug/kg	
75-09-2	Methylene chloride	ND	4.3	2.3	ug/kg	
100-42-5	Styrene	ND	1.7	0.35	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.52	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.50	ug/kg	
108-88-3	Toluene	ND	0.86	0.45	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.3	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.3	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.42	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.48	ug/kg	
79-01-6	Trichloroethene	ND	0.86	0.66	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.3	0.59	ug/kg	
75-01-4	Vinyl chloride	ND	1.7	0.42	ug/kg	
	m,p-Xylene	ND	0.86	0.77	ug/kg	
95-47-6	o-Xylene	ND	0.86	0.40	ug/kg	
1330-20-7	Xylene (total)	ND	0.86	0.40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	112%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	7.9	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB24 (3.5-4)		
Lab Sample ID:	JD57654-11	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.4
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111304.D	1	12/28/22 17:39	JY	12/27/22 12:00	OP43808	E2P5035
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	70	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	30	ug/kg	
105-67-9	2,4-Dimethylphenol [a]	ND	170	62	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	37	ug/kg	
95-48-7	2-Methylphenol [a]	ND	70	22	ug/kg	
	3&4-Methylphenol [a]	ND	70	29	ug/kg	
88-75-5	2-Nitrophenol	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	93	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	70	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	21	ug/kg	
83-32-9	Acenaphthene	39.6	35	12	ug/kg	
208-96-8	Acenaphthylene	36.7	35	18	ug/kg	
98-86-2	Acetophenone [a]	ND	170	7.5	ug/kg	
120-12-7	Anthracene	161	35	21	ug/kg	
1912-24-9	Atrazine	ND	70	15	ug/kg	
56-55-3	Benzo(a)anthracene	390	35	9.9	ug/kg	
50-32-8	Benzo(a)pyrene	367	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	338	35	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	199	35	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	135	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	70	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	70	8.5	ug/kg	
92-52-4	1,1'-Biphenyl	7.3	70	4.8	ug/kg	J
100-52-7	Benzaldehyde	ND	170	8.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	70	8.3	ug/kg	
106-47-8	4-Chloroaniline	ND	170	13	ug/kg	
86-74-8	Carbazole	62.4	70	5.1	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB24 (3.5-4)		
Lab Sample ID:	JD57654-11	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.4
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	70	14	ug/kg	
218-01-9	Chrysene	360	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	70	7.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	70	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	70	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	70	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	70	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	64.1	35	15	ug/kg	
132-64-9	Dibenzofuran	41.4	70	14	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	70	5.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	70	8.7	ug/kg	
84-66-2	Diethyl phthalate	ND	70	7.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	70	6.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	70	8.2	ug/kg	
206-44-0	Fluoranthene	844	35	16	ug/kg	
86-73-7	Fluorene	43.3	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	70	8.8	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	256	35	16	ug/kg	
78-59-1	Isophorone	ND	70	7.5	ug/kg	
91-57-6	2-Methylnaphthalene	20.4	35	7.9	ug/kg	J
88-74-4	2-Nitroaniline	ND	170	8.2	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.7	ug/kg	
100-01-6	4-Nitroaniline	ND	170	9.0	ug/kg	
91-20-3	Naphthalene [b]	24.4	35	9.9	ug/kg	J
98-95-3	Nitrobenzene	ND	70	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [a]	ND	70	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	679	35	12	ug/kg	
129-00-0	Pyrene [c]	647	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB24 (3.5-4)		
Lab Sample ID:	JD57654-11	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.4
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	48%		10-96%
118-79-6	2,4,6-Tribromophenol	63%		10-123%
4165-60-0	Nitrobenzene-d5	43%		10-109%
321-60-8	2-Fluorobiphenyl	48%		11-109%
1718-51-0	Terphenyl-d14	58%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.65	3200	ug/kg	J
	unknown pah	16.02	220	ug/kg	J
	Total TIC, Semi-Volatile		220	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high.
(c) Associated CCV outside of control limits low.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB24 (3.5-4)		
Lab Sample ID:	JD57654-11	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	93.4
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181560.D	1	12/30/22 03:32	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.68	0.56	ug/kg	
319-84-6	alpha-BHC	ND	0.68	0.55	ug/kg	
319-85-7	beta-BHC	ND	0.68	0.62	ug/kg	
319-86-8	delta-BHC	ND	0.68	0.65	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.68	0.50	ug/kg	
5103-71-9	alpha-Chlordane	0.65	0.68	0.55	ug/kg	J
5103-74-2	gamma-Chlordane	ND	0.68	0.31	ug/kg	
60-57-1	Dieldrin	ND	0.68	0.47	ug/kg	
72-54-8	4,4'-DDD	0.71	0.68	0.63	ug/kg	
72-55-9	4,4'-DDE	ND	0.68	0.60	ug/kg	
50-29-3	4,4'-DDT	2.4	0.68	0.60	ug/kg	B
72-20-8	Endrin	ND	0.68	0.53	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.68	0.53	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.68	0.39	ug/kg	
959-98-8	Endosulfan-I	ND	0.68	0.39	ug/kg	
33213-65-9	Endosulfan-II	ND	0.68	0.43	ug/kg	
76-44-8	Heptachlor	ND	0.68	0.59	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.68	0.48	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.54	ug/kg	
53494-70-5	Endrin ketone	ND	0.68	0.49	ug/kg	
8001-35-2	Toxaphene	ND	17	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		13-162%
877-09-8	Tetrachloro-m-xylene	102%		13-162%
2051-24-3	Decachlorobiphenyl	110%		10-180%
2051-24-3	Decachlorobiphenyl	128%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB24 (3.5-4)		
Lab Sample ID:	JD57654-11	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	93.4
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127027.D	1	12/30/22 08:50	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	22	ug/kg	
11141-16-5	Aroclor 1232	ND	35	22	ug/kg	
53469-21-9	Aroclor 1242	ND	35	14	ug/kg	
12672-29-6	Aroclor 1248	ND	35	31	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	15	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	139%		10-163%
877-09-8	Tetrachloro-m-xylene	105%		10-163%
2051-24-3	Decachlorobiphenyl	116%		10-215%
2051-24-3	Decachlorobiphenyl	106%		10-215%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB24 (3.5-4)		
Lab Sample ID:	JD57654-11	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.4
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	10200	51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Arsenic	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Barium	87.1	21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.44	0.21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.51	0.51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Calcium	9050	510	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Chromium	19.5	1.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Cobalt	8.7	5.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Copper	36.0	2.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Iron	18700	51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Lead	33.3	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Magnesium	6960	510	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Manganese	231	1.5	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.082	0.031	mg/kg	1	12/23/22	12/27/22	LM	SW846 7471B [1]	SW846 7471B [4]
Nickel	16.7	4.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Potassium	2420	1000	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.51	0.51	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1000	1000	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.0	1.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Vanadium	42.7	5.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Zinc	57.2	5.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA53503
(2) Instrument QC Batch: MA53506
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37130

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB24 (3.5-4)		
Lab Sample ID:	JD57654-11	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.4
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.28	0.28	mg/kg	1	12/23/22 13:18	MM	SW846 9012B/LACHAT
Solids, Percent	93.4		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB24 (5.5-6)
Lab Sample ID: JD57654-12
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 93.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y197797.D	1	12/22/22 21:20	PS	12/22/22 10:00	n/a	VY8663
Run #2							

	Initial Weight
Run #1	4.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	4.8	ug/kg	
71-43-2	Benzene	ND	0.58	0.53	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.65	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.50	ug/kg	
75-25-2	Bromoform	ND	5.8	1.6	ug/kg	
74-83-9	Bromomethane	ND	5.8	0.89	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.8	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.63	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.72	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.54	ug/kg	
75-00-3	Chloroethane [a]	ND	5.8	0.69	ug/kg	
67-66-3	Chloroform	ND	2.3	0.61	ug/kg	
74-87-3	Chloromethane	ND	5.8	2.3	ug/kg	
110-82-7	Cyclohexane	ND	2.3	0.77	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.81	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.65	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.49	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.64	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.58	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.58	ug/kg	
75-71-8	Dichlorodifluoromethane [a]	ND	5.8	0.85	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.58	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.55	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.77	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.98	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.71	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.56	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.53	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.53	ug/kg	
76-13-1	Freon 113	ND	5.8	3.1	ug/kg	
591-78-6	2-Hexanone	ND	5.8	2.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB24 (5.5-6)		
Lab Sample ID:	JD57654-12	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	93.0
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	1.7	ug/kg	
79-20-9	Methyl Acetate	ND	5.8	1.6	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.55	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.8	2.7	ug/kg	
75-09-2	Methylene chloride	ND	5.8	3.1	ug/kg	
100-42-5	Styrene	ND	2.3	0.47	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.70	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.68	ug/kg	
108-88-3	Toluene	ND	1.2	0.61	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.56	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.65	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.89	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	5.8	0.80	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.56	ug/kg	
	m,p-Xylene	ND	1.2	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.54	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.54	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	111%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.96	11	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID:	SB24 (5.5-6)		
Lab Sample ID:	JD57654-12	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.0
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111305.D	1	12/28/22 18:05	JY	12/27/22 12:00	OP43808	E2P5035
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	70	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol [a]	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	30	ug/kg	
105-67-9	2,4-Dimethylphenol [a]	ND	180	63	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	180	38	ug/kg	
95-48-7	2-Methylphenol [a]	ND	70	22	ug/kg	
	3&4-Methylphenol [a]	ND	70	29	ug/kg	
88-75-5	2-Nitrophenol	ND	180	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	94	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	70	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	42.3	35	12	ug/kg	
208-96-8	Acenaphthylene	34.8	35	18	ug/kg	J
98-86-2	Acetophenone [a]	ND	180	7.6	ug/kg	
120-12-7	Anthracene	132	35	22	ug/kg	
1912-24-9	Atrazine	ND	70	15	ug/kg	
56-55-3	Benzo(a)anthracene	388	35	10	ug/kg	
50-32-8	Benzo(a)pyrene	432	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	393	35	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	258	35	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	155	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	70	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	70	8.6	ug/kg	
92-52-4	1,1'-Biphenyl	ND	70	4.8	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	70	8.4	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	45.9	70	5.1	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB24 (5.5-6)		
Lab Sample ID:	JD57654-12	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.0
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [a]	ND	70	14	ug/kg	
218-01-9	Chrysene	390	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	70	7.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	70	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	70	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	70	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [a]	ND	70	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	79.4	35	16	ug/kg	
132-64-9	Dibenzofuran	18.6	70	14	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	70	5.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	70	8.8	ug/kg	
84-66-2	Diethyl phthalate	ND	70	7.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	70	6.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	70	8.2	ug/kg	
206-44-0	Fluoranthene	805	35	16	ug/kg	
86-73-7	Fluorene	35.2	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	70	8.9	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	316	35	17	ug/kg	
78-59-1	Isophorone	ND	70	7.5	ug/kg	
91-57-6	2-Methylnaphthalene	8.4	35	8.0	ug/kg	J
88-74-4	2-Nitroaniline	ND	180	8.3	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.8	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.1	ug/kg	
91-20-3	Naphthalene [b]	11.0	35	9.9	ug/kg	J
98-95-3	Nitrobenzene	ND	70	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [a]	ND	70	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	593	35	12	ug/kg	
129-00-0	Pyrene [c]	745	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB24 (5.5-6)		
Lab Sample ID:	JD57654-12	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	93.0
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	69%		10-96%
118-79-6	2,4,6-Tribromophenol	78%		10-123%
4165-60-0	Nitrobenzene-d5	54%		10-109%
321-60-8	2-Fluorobiphenyl	63%		11-109%
1718-51-0	Terphenyl-d14	73%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact/aldol-condensation	3.67	6100	ug/kg	J
	unknown pah	16.02	220	ug/kg	J
	Total TIC, Semi-Volatile		220	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high.
(c) Associated CCV outside of control limits low.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB24 (5.5-6)		
Lab Sample ID:	JD57654-12	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	93.0
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181561.D	1	12/30/22 03:50	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.70	0.58	ug/kg	
319-84-6	alpha-BHC	ND	0.70	0.57	ug/kg	
319-85-7	beta-BHC	ND	0.70	0.64	ug/kg	
319-86-8	delta-BHC	ND	0.70	0.67	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.70	0.52	ug/kg	
5103-71-9	alpha-Chlordane	0.61	0.70	0.57	ug/kg	J
5103-74-2	gamma-Chlordane	ND	0.70	0.32	ug/kg	
60-57-1	Dieldrin	ND	0.70	0.48	ug/kg	
72-54-8	4,4'-DDD	0.86	0.70	0.65	ug/kg	
72-55-9	4,4'-DDE	ND	0.70	0.62	ug/kg	
50-29-3	4,4'-DDT	2.5	0.70	0.62	ug/kg	B
72-20-8	Endrin	ND	0.70	0.55	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.70	0.55	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.70	0.40	ug/kg	
959-98-8	Endosulfan-I	ND	0.70	0.40	ug/kg	
33213-65-9	Endosulfan-II	ND	0.70	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.70	0.61	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.70	0.49	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.56	ug/kg	
53494-70-5	Endrin ketone	ND	0.70	0.51	ug/kg	
8001-35-2	Toxaphene	ND	18	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		13-162%
877-09-8	Tetrachloro-m-xylene	92%		13-162%
2051-24-3	Decachlorobiphenyl	85%		10-180%
2051-24-3	Decachlorobiphenyl	116%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB24 (5.5-6)		
Lab Sample ID:	JD57654-12	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	93.0
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127028.D	1	12/30/22 09:07	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	22	ug/kg	
11141-16-5	Aroclor 1232	ND	35	22	ug/kg	
53469-21-9	Aroclor 1242	ND	35	14	ug/kg	
12672-29-6	Aroclor 1248	ND	35	31	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	15	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	119%		10-163%
877-09-8	Tetrachloro-m-xylene	94%		10-163%
2051-24-3	Decachlorobiphenyl	103%		10-215%
2051-24-3	Decachlorobiphenyl	99%		10-215%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB24 (5.5-6)		
Lab Sample ID:	JD57654-12	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.0
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	10100	53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Arsenic	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Barium	94.6	21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.50	0.21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.53	0.53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Calcium	10200	530	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Chromium	19.9	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Cobalt	8.3	5.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Copper	32.4	2.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Iron	18800	53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Lead	38.8	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Magnesium	7470	530	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Manganese	245	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.18	0.027	mg/kg	1	12/23/22	12/27/22	LM	SW846 7471B [1]	SW846 7471B [4]
Nickel	17.4	4.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Potassium	2720	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.53	0.53	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Vanadium	35.5	5.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Zinc	60.3	5.3	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA53503
(2) Instrument QC Batch: MA53506
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37130

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB24 (5.5-6)		
Lab Sample ID:	JD57654-12	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	93.0
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.41	0.31	mg/kg	1	12/23/22 13:20	MM	SW846 9012B/LACHAT
Solids, Percent	93		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB23 (2.5-3)
Lab Sample ID: JD57654-13
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 95.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C190572.D	1	12/22/22 13:47	CL	12/22/22 10:00	n/a	V1C8282
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.0	3.7	ug/kg	
71-43-2	Benzene	ND	0.45	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	4.5	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.39	ug/kg	
75-25-2	Bromoform	ND	4.5	1.2	ug/kg	
74-83-9	Bromomethane	ND	4.5	0.69	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.0	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	1.8	0.48	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.41	ug/kg	
75-00-3	Chloroethane	ND	4.5	0.53	ug/kg	
67-66-3	Chloroform	ND	1.8	0.47	ug/kg	
74-87-3	Chloromethane	ND	4.5	1.8	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.63	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.50	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.90	0.38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.90	0.49	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.90	0.45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.90	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.5	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.90	0.45	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.90	0.42	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.90	0.59	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.90	0.76	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.90	0.55	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.43	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.43	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.41	ug/kg	
100-41-4	Ethylbenzene	ND	0.90	0.41	ug/kg	
76-13-1	Freon 113	ND	4.5	2.4	ug/kg	
591-78-6	2-Hexanone	ND	4.5	1.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB23 (2.5-3)		
Lab Sample ID:	JD57654-13	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	95.7
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.5	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.79	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.90	0.42	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.5	2.0	ug/kg	
75-09-2	Methylene chloride	ND	4.5	2.4	ug/kg	
100-42-5	Styrene	ND	1.8	0.36	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.54	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.52	ug/kg	
108-88-3	Toluene	ND	0.90	0.47	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.50	ug/kg	
79-01-6	Trichloroethene	ND	0.90	0.69	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.5	0.62	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.43	ug/kg	
	m,p-Xylene	ND	0.90	0.81	ug/kg	
95-47-6	o-Xylene	ND	0.90	0.41	ug/kg	
1330-20-7	Xylene (total)	ND	0.90	0.41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	97%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB23 (2.5-3)		
Lab Sample ID:	JD57654-13	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	95.7
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111325.D	1	12/29/22 19:37	RS	12/27/22 12:00	OP43808	E2P5036
Run #2							

	Initial Weight	Final Volume
Run #1	31.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	66	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	20	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	28	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	59	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	120	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	35	ug/kg	
95-48-7	2-Methylphenol	ND	66	21	ug/kg	
	3&4-Methylphenol	ND	66	27	ug/kg	
88-75-5	2-Nitrophenol	ND	170	22	ug/kg	
100-02-7	4-Nitrophenol	ND	330	88	ug/kg	
87-86-5	Pentachlorophenol	ND	130	31	ug/kg	
108-95-2	Phenol	ND	66	17	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	22	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	25	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	33	11	ug/kg	
208-96-8	Acenaphthylene [a]	ND	33	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.1	ug/kg	
120-12-7	Anthracene	ND	33	20	ug/kg	
1912-24-9	Atrazine	ND	66	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	9.3	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	15	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	66	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	66	8.1	ug/kg	
92-52-4	1,1'-Biphenyl	ND	66	4.5	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.2	ug/kg	
91-58-7	2-Chloronaphthalene	ND	66	7.9	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	66	4.8	ug/kg	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB23 (2.5-3)		
Lab Sample ID:	JD57654-13	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	95.7
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	66	13	ug/kg	
218-01-9	Chrysene	ND	33	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	66	7.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	66	14	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	66	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	66	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	10	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [b]	ND	66	28	ug/kg	
123-91-1	1,4-Dioxane	ND	33	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	15	ug/kg	
132-64-9	Dibenzofuran	ND	66	13	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	66	5.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	66	8.2	ug/kg	
84-66-2	Diethyl phthalate	ND	66	7.0	ug/kg	
131-11-3	Dimethyl phthalate	ND	66	5.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	66	7.7	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	66	8.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	13	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	15	ug/kg	
78-59-1	Isophorone	ND	66	7.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	33	7.5	ug/kg	
88-74-4	2-Nitroaniline	ND	170	7.8	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.3	ug/kg	
100-01-6	4-Nitroaniline	ND	170	8.6	ug/kg	
91-20-3	Naphthalene	ND	33	9.3	ug/kg	
98-95-3	Nitrobenzene	ND	66	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [b]	ND	66	9.5	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	12	ug/kg	
85-01-8	Phenanthrene	ND	33	11	ug/kg	
129-00-0	Pyrene	ND	33	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB23 (2.5-3)		
Lab Sample ID:	JD57654-13	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	95.7
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	40%		10-96%
118-79-6	2,4,6-Tribromophenol	53%		10-123%
4165-60-0	Nitrobenzene-d5	39%		10-109%
321-60-8	2-Fluorobiphenyl	38%		11-109%
1718-51-0	Terphenyl-d14	56%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	System artifact/aldol-condensation	3.66	5500	ug/kg	J
	Total TIC, Semi-Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
(b) Associated CCV outside of control limits high, sample was ND.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB23 (2.5-3)		
Lab Sample ID:	JD57654-13	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	95.7
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181562.D	1	12/30/22 04:08	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.66	0.54	ug/kg	
319-84-6	alpha-BHC	ND	0.66	0.54	ug/kg	
319-85-7	beta-BHC	ND	0.66	0.60	ug/kg	
319-86-8	delta-BHC	ND	0.66	0.63	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.66	0.49	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.66	0.53	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.66	0.30	ug/kg	
60-57-1	Dieldrin	ND	0.66	0.45	ug/kg	
72-54-8	4,4'-DDD	ND	0.66	0.61	ug/kg	
72-55-9	4,4'-DDE	ND	0.66	0.58	ug/kg	
50-29-3	4,4'-DDT	ND	0.66	0.59	ug/kg	
72-20-8	Endrin	ND	0.66	0.51	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.66	0.52	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.66	0.37	ug/kg	
959-98-8	Endosulfan-I	ND	0.66	0.38	ug/kg	
33213-65-9	Endosulfan-II	ND	0.66	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.66	0.57	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.66	0.46	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.53	ug/kg	
53494-70-5	Endrin ketone	ND	0.66	0.48	ug/kg	
8001-35-2	Toxaphene	ND	17	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	65%		13-162%
877-09-8	Tetrachloro-m-xylene	73%		13-162%
2051-24-3	Decachlorobiphenyl	69%		10-180%
2051-24-3	Decachlorobiphenyl	74%		10-180%

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB23 (2.5-3)		
Lab Sample ID:	JD57654-13	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	95.7
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127029.D	1	12/30/22 09:23	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	15	ug/kg	
11104-28-2	Aroclor 1221	ND	33	21	ug/kg	
11141-16-5	Aroclor 1232	ND	33	21	ug/kg	
53469-21-9	Aroclor 1242	ND	33	14	ug/kg	
12672-29-6	Aroclor 1248	ND	33	29	ug/kg	
11097-69-1	Aroclor 1254	ND	33	18	ug/kg	
11096-82-5	Aroclor 1260	ND	33	14	ug/kg	
11100-14-4	Aroclor 1268	ND	33	14	ug/kg	
37324-23-5	Aroclor 1262	ND	33	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	107%		10-163%
877-09-8	Tetrachloro-m-xylene	80%		10-163%
2051-24-3	Decachlorobiphenyl	79%		10-215%
2051-24-3	Decachlorobiphenyl	70%		10-215%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB23 (2.5-3)		
Lab Sample ID:	JD57654-13	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	95.7
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8020	52	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Arsenic	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Barium	99.6	21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.38	0.21	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.52	0.52	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Calcium	1510	520	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Chromium	12.5	1.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Cobalt	< 5.2	5.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Copper	16.3	2.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Iron	13600	52	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Lead	3.4	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Magnesium	2210	520	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Manganese	325	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Mercury	< 0.034	0.034	mg/kg	1	12/23/22	12/27/22	LM	SW846 7471B [1]	SW846 7471B [4]
Nickel	10.8	4.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Potassium	1410	1000	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 2.1	2.1	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.52	0.52	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1000	1000	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.0	1.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Vanadium	19.5	5.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Zinc	21.6	5.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA53503
(2) Instrument QC Batch: MA53506
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37130

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB23 (2.5-3)		
Lab Sample ID:	JD57654-13	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	95.7
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.27	0.27	mg/kg	1	12/23/22 13:24	MM	SW846 9012B/LACHAT
Solids, Percent	95.7		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB23 (6-6.5)
Lab Sample ID: JD57654-14
Matrix: SO - Soil
Method: SW846 8260D SW846 5035
Project: 100 Main Steet, White Plains, NY

Date Sampled: 12/20/22
Date Received: 12/21/22
Percent Solids: 80.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C190573.D	1	12/22/22 14:13	CL	12/22/22 10:00	n/a	V1C8282
Run #2							

	Initial Weight
Run #1	4.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	5.6	ug/kg	
71-43-2	Benzene	ND	0.67	0.61	ug/kg	
74-97-5	Bromochloromethane	ND	6.7	0.75	ug/kg	
75-27-4	Bromodichloromethane	ND	2.7	0.58	ug/kg	
75-25-2	Bromoform	ND	6.7	1.8	ug/kg	
74-83-9	Bromomethane	ND	6.7	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	3.3	ug/kg	
75-15-0	Carbon disulfide	ND	2.7	0.72	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.7	0.83	ug/kg	
108-90-7	Chlorobenzene	ND	2.7	0.62	ug/kg	
75-00-3	Chloroethane	ND	6.7	0.80	ug/kg	
67-66-3	Chloroform	ND	2.7	0.70	ug/kg	
74-87-3	Chloromethane	ND	6.7	2.6	ug/kg	
110-82-7	Cyclohexane	ND	2.7	0.88	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	0.93	ug/kg	
124-48-1	Dibromochloromethane	ND	2.7	0.75	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.57	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.73	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.67	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.66	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.7	0.98	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.67	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.63	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.88	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.82	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.7	0.64	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.7	0.64	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.7	0.61	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.61	ug/kg	
76-13-1	Freon 113	ND	6.7	3.6	ug/kg	
591-78-6	2-Hexanone	ND	6.7	2.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB23 (6-6.5)		
Lab Sample ID:	JD57654-14	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8260D SW846 5035	**Percent Solids:**	80.8
Project:	100 Main Steet, White Plains, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.7	1.9	ug/kg	
79-20-9	Methyl Acetate	ND	6.7	1.9	ug/kg	
108-87-2	Methylcyclohexane	ND	2.7	1.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.63	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.7	3.1	ug/kg	
75-09-2	Methylene chloride	ND	6.7	3.5	ug/kg	
100-42-5	Styrene	ND	2.7	0.54	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7	0.81	ug/kg	
127-18-4	Tetrachloroethene	ND	2.7	0.78	ug/kg	
108-88-3	Toluene	ND	1.3	0.71	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	3.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	3.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.7	0.65	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.7	0.75	ug/kg	
79-01-6	Trichloroethene	ND	1.3	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.7	0.92	ug/kg	
75-01-4	Vinyl chloride	ND	2.7	0.65	ug/kg	
	m,p-Xylene	ND	1.3	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.62	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.62	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		80-124%
17060-07-0	1,2-Dichloroethane-D4	100%		75-133%
2037-26-5	Toluene-D8	97%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB23 (6-6.5)		
Lab Sample ID:	JD57654-14	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	80.8
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P111326.D	1	12/29/22 20:02	RS	12/27/22 12:00	OP43808	E2P5036
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	82	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	25	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	73	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	200	44	ug/kg	
95-48-7	2-Methylphenol	ND	82	26	ug/kg	
	3&4-Methylphenol	ND	82	33	ug/kg	
88-75-5	2-Nitrophenol	ND	200	27	ug/kg	
100-02-7	4-Nitrophenol	ND	410	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	38	ug/kg	
108-95-2	Phenol	ND	82	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	27	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	31	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	ND	41	14	ug/kg	
208-96-8	Acenaphthylene [a]	ND	41	21	ug/kg	
98-86-2	Acetophenone	ND	200	8.8	ug/kg	
120-12-7	Anthracene	ND	41	25	ug/kg	
1912-24-9	Atrazine	ND	82	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	41	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	41	19	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	41	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	41	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	41	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	82	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	82	9.9	ug/kg	
92-52-4	1,1'-Biphenyl	ND	82	5.6	ug/kg	
100-52-7	Benzaldehyde	ND	200	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	82	9.7	ug/kg	
106-47-8	4-Chloroaniline	ND	200	15	ug/kg	
86-74-8	Carbazole	ND	82	5.9	ug/kg	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB23 (6-6.5)		
Lab Sample ID:	JD57654-14	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	80.8
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	82	16	ug/kg	
218-01-9	Chrysene	ND	41	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	82	8.7	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	82	18	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	82	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	82	13	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	41	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	41	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine [b]	ND	82	34	ug/kg	
123-91-1	1,4-Dioxane	ND	41	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	41	18	ug/kg	
132-64-9	Dibenzofuran	ND	82	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	82	6.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	82	10	ug/kg	
84-66-2	Diethyl phthalate	ND	82	8.7	ug/kg	
131-11-3	Dimethyl phthalate	ND	82	7.3	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	82	9.5	ug/kg	
206-44-0	Fluoranthene	ND	41	18	ug/kg	
86-73-7	Fluorene	ND	41	19	ug/kg	
118-74-1	Hexachlorobenzene	ND	82	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	41	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	410	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	41	19	ug/kg	
78-59-1	Isophorone	ND	82	8.7	ug/kg	
91-57-6	2-Methylnaphthalene	ND	41	9.2	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.6	ug/kg	
99-09-2	3-Nitroaniline	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline	ND	200	11	ug/kg	
91-20-3	Naphthalene	ND	41	11	ug/kg	
98-95-3	Nitrobenzene	ND	82	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [b]	ND	82	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	ND	41	14	ug/kg	
129-00-0	Pyrene	ND	41	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB23 (6-6.5)		
Lab Sample ID:	JD57654-14	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8270E SW846 3546	**Percent Solids:**	80.8
Project:	100 Main Steet, White Plains, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	62%		10-96%
118-79-6	2,4,6-Tribromophenol	74%		10-123%
4165-60-0	Nitrobenzene-d5	56%		10-109%
321-60-8	2-Fluorobiphenyl	59%		11-109%
1718-51-0	Terphenyl-d14	82%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	System artifact/aldol-condensation	3.67	8000	ug/kg	J
	Total TIC, Semi-Volatile		0	ug/kg	

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
(b) Associated CCV outside of control limits high, sample was ND.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB23 (6-6.5)		
Lab Sample ID:	JD57654-14	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8081B SW846 3546	**Percent Solids:**	80.8
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G181563.D	1	12/30/22 04:26	RK	12/29/22 11:00	OP43809	G1G6337
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.77	0.63	ug/kg	
319-84-6	alpha-BHC	ND	0.77	0.62	ug/kg	
319-85-7	beta-BHC	ND	0.77	0.69	ug/kg	
319-86-8	delta-BHC	ND	0.77	0.74	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.77	0.57	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.77	0.62	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.77	0.35	ug/kg	
60-57-1	Dieldrin	ND	0.77	0.53	ug/kg	
72-54-8	4,4'-DDD	ND	0.77	0.71	ug/kg	
72-55-9	4,4'-DDE	ND	0.77	0.67	ug/kg	
50-29-3	4,4'-DDT	1.2	0.77	0.68	ug/kg	B
72-20-8	Endrin	ND	0.77	0.60	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.77	0.60	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.77	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.77	0.44	ug/kg	
33213-65-9	Endosulfan-II	ND	0.77	0.48	ug/kg	
76-44-8	Heptachlor	ND	0.77	0.66	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.77	0.54	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.61	ug/kg	
53494-70-5	Endrin ketone	ND	0.77	0.56	ug/kg	
8001-35-2	Toxaphene	ND	19	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	113%		13-162%
877-09-8	Tetrachloro-m-xylene	124%		13-162%
2051-24-3	Decachlorobiphenyl	120%		10-180%
2051-24-3	Decachlorobiphenyl	132%		10-180%

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB23 (6-6.5)		
Lab Sample ID:	JD57654-14	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
Method:	SW846 8082A SW846 3546	**Percent Solids:**	80.8
Project:	100 Main Steet, White Plains, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G127030.D	1	12/30/22 09:40	RK	12/29/22 11:00	OP43810	G5G3208
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	18	ug/kg	
11104-28-2	Aroclor 1221	ND	38	24	ug/kg	
11141-16-5	Aroclor 1232	ND	38	25	ug/kg	
53469-21-9	Aroclor 1242	ND	38	16	ug/kg	
12672-29-6	Aroclor 1248	ND	38	34	ug/kg	
11097-69-1	Aroclor 1254	ND	38	21	ug/kg	
11096-82-5	Aroclor 1260	ND	38	16	ug/kg	
11100-14-4	Aroclor 1268	ND	38	16	ug/kg	
37324-23-5	Aroclor 1262	ND	38	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	171% [a]		10-163%
877-09-8	Tetrachloro-m-xylene	131%		10-163%
2051-24-3	Decachlorobiphenyl	136%		10-215%
2051-24-3	Decachlorobiphenyl	116%		10-215%

(a) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB23 (6-6.5)		
Lab Sample ID:	JD57654-14	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	80.8
Project:	100 Main Steet, White Plains, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6570	40	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 1.6	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Arsenic	< 1.6	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Barium	62.9	16	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.36	0.16	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.40	0.40	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Calcium	2490	400	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Chromium	12.8	0.81	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Cobalt	5.1	4.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Copper	16.6	2.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Iron	12900	40	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Lead	3.0	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Magnesium	2910	400	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Manganese	201	1.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Mercury	< 0.032	0.032	mg/kg	1	12/23/22	12/27/22	LM	SW846 7471B [1]	SW846 7471B [4]
Nickel	10.6	3.2	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Potassium	1710	810	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 1.6	1.6	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.40	0.40	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 810	810	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 0.81	0.81	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Vanadium	19.1	4.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]
Zinc	26.0	4.0	mg/kg	1	12/22/22	12/22/22	ND	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA53503
(2) Instrument QC Batch: MA53506
(3) Prep QC Batch: MP37088
(4) Prep QC Batch: MP37130

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB23 (6-6.5)		
Lab Sample ID:	JD57654-14	**Date Sampled:**	12/20/22
Matrix:	SO - Soil	**Date Received:**	12/21/22
		Percent Solids:	80.8
Project:	100 Main Steet, White Plains, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.29	0.25	mg/kg	1	12/23/22 13:33	MM	SW846 9012B/LACHAT
Solids, Percent	80.8		%	1	12/23/22 14:00	MK	SM2540 G 18TH ED MOD

RL = Reporting Limit

ANALYTICAL REPORT

Lab Number:	L2304630
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	100 MAIN ST (MACYS)
Project Number:	12461
Report Date:	02/10/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2304630-01	SB36 (.5-1)	SOIL	WHITE PLAINS, NY	01/26/23 08:45	01/26/23
L2304630-02	SB36 (5.5-6)	SOIL	WHITE PLAINS, NY	01/26/23 08:50	01/26/23
L2304630-03	SB37 (2-2.5)	SOIL	WHITE PLAINS, NY	01/26/23 09:30	01/26/23
L2304630-04	SB37 (12.5-13)	SOIL	WHITE PLAINS, NY	01/26/23 09:35	01/26/23
L2304630-05	SB38 (3-3.5)	SOIL	WHITE PLAINS, NY	01/26/23 10:00	01/26/23
L2304630-06	SB38 (5-5.5)	SOIL	WHITE PLAINS, NY	01/26/23 10:05	01/26/23
L2304630-07	SB39 (1-1.5)	SOIL	WHITE PLAINS, NY	01/26/23 11:35	01/26/23
L2304630-08	SB39 (11-11.5)	SOIL	WHITE PLAINS, NY	01/26/23 11:40	01/26/23
L2304630-09	SB40 (4.5-5)	SOIL	WHITE PLAINS, NY	01/26/23 12:35	01/26/23
L2304630-10	SB40 (7-7.5)	SOIL	WHITE PLAINS, NY	01/26/23 12:40	01/26/23

Project Name:	100 MAIN ST (MACYS)	**Lab Number:**	L2304630
Project Number:	12461	**Report Date:**	02/10/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630
Project Number: 12461 **Report Date:** 02/10/23

Case Narrative (continued)

Report Submission
February 10, 2023: This final report includes the results of all requested analyses.
February 01, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics
The WG1738282-2/-3 LCS/LCSD recoveries, associated with L2304630-01 through -10, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals
L2304630-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG1738069-3 MS recoveries for aluminum (248%) and iron (969%), performed on L2304630-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

Cyanide, Total
The WG1739121-2/-3 LCS/LCSD recoveries for cyanide, total (79%/77%), associated with L2304630-01 and -02, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.
The WG1739414-2/-3 LCS/LCSD recoveries for cyanide, total (78%/65%), associated with L2304630-03 through -08, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.
The WG1739415-2/-3 LCS/LCSD recoveries for cyanide, total (78%/65%), associated with L2304630-09 and -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630
Project Number: 12461 **Report Date:** 02/10/23

Case Narrative (continued)

of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 02/10/23

ORGANICS

VOLATILES

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01
Client ID: SB36 (.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:45
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 15:09
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.31	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01 Date Collected: 01/26/23 08:45

Client ID: SB36 (.5-1) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01 Date Collected: 01/26/23 08:45

Client ID: SB36 (.5-1) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	91		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02 Date Collected: 01/26/23 08:50
Client ID: SB36 (5.5-6) Date Received: 01/26/23
Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 15:35
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02 Date Collected: 01/26/23 08:50

Client ID: SB36 (5.5-6) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02 Date Collected: 01/26/23 08:50

Client ID: SB36 (5.5-6) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	33.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	92		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03
Client ID: SB37 (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 16:01
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.23	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.29	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03 Date Collected: 01/26/23 09:30

Client ID: SB37 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.26	1
Xylenes, Total	ND		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.88	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.80	1
Acetone	40		ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	4.7	J	ug/kg	8.8	1.9	1
Vinyl acetate	ND		ug/kg	8.8	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.88	0.15	1
sec-Butylbenzene	ND		ug/kg	0.88	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.88	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.88	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03 Date Collected: 01/26/23 09:30

Client ID: SB37 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.88	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.29	1
1,4-Dioxane	ND		ug/kg	70	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1
Tentatively Identified Compounds						
Total TIC Compounds	9.95	J	ug/kg			1
Unknown Alkane	2.75	J	ug/kg			1
Unknown	1.98	J	ug/kg			1
Unknown Alkane	2.90	J	ug/kg			1
Unknown	2.32	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	94		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04 Date Collected: 01/26/23 09:35
Client ID: SB37 (12.5-13) Date Received: 01/26/23
Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 16:27
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	0.91	J	ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04 Date Collected: 01/26/23 09:35

Client ID: SB37 (12.5-13) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04 Date Collected: 01/26/23 09:35

Client ID: SB37 (12.5-13) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2.09	J	ug/kg			1
Unknown Alkane	2.09	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	91		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05
Client ID: SB38 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:00
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 16:53
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	0.91	J	ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05 Date Collected: 01/26/23 10:00

Client ID: SB38 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	39		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	5.3	J	ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05 Date Collected: 01/26/23 10:00

Client ID: SB38 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	2.16	J	ug/kg			1
Unknown	2.16	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	93		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06 Date Collected: 01/26/23 10:05

Client ID: SB38 (5-5.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 01/31/23 18:47

Analyst: AJK

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	0.88	J	ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06 Date Collected: 01/26/23 10:05

Client ID: SB38 (5-5.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	10		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06 Date Collected: 01/26/23 10:05

Client ID: SB38 (5-5.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	167	J	ug/kg			1
Unknown	7.57	J	ug/kg			1
Unknown	10.3	J	ug/kg			1
Unknown Aromatic	10.0	J	ug/kg			1
Unknown Alkane	11.0	J	ug/kg			1
Unknown	12.6	J	ug/kg			1
Unknown	8.95	J	ug/kg			1
Unknown Naphthalene	16.1	J	ug/kg			1
Unknown	6.79	J	ug/kg			1
Unknown	8.16	J	ug/kg			1
Unknown Alkane	10.3	J	ug/kg			1
Unknown	7.90	J	ug/kg			1
Unknown Alkane	6.99	J	ug/kg			1
Unknown Alkane	15.2	J	ug/kg			1
Unknown	19.9	J	ug/kg			1
Unknown	15.3	J	ug/kg			1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06 Date Collected: 01/26/23 10:05

Client ID: SB38 (5-5.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	92		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07
Client ID: SB39 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 17:45
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	0.87	J	ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07 Date Collected: 01/26/23 11:35

Client ID: SB39 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	7.4	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07 Date Collected: 01/26/23 11:35

Client ID: SB39 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	7.07	J	ug/kg			1
Unknown Naphthalene	3.31	J	ug/kg			1
Unknown Naphthalene	3.76	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	91		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08
Client ID: SB39 (11-11.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 18:12
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	1.3		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08 Date Collected: 01/26/23 11:40

Client ID: SB39 (11-11.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	0.29	J	ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	3.4	J	ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08 Date Collected: 01/26/23 11:40

Client ID: SB39 (11-11.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	90		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09
Client ID: SB40 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 18:38
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	1.2		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09 Date Collected: 01/26/23 12:35

Client ID: SB40 (4.5-5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	29		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	3.6	J	ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09 Date Collected: 01/26/23 12:35

Client ID: SB40 (4.5-5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	4.87	J	ug/kg			1
Unknown	4.87	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	91		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10
Client ID: SB40 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 19:04
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	0.84	J	ug/kg	0.91	0.50	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10 Date Collected: 01/26/23 12:40

Client ID: SB40 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.27	1
Xylenes, Total	ND		ug/kg	0.91	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.84	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.2	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10 Date Collected: 01/26/23 12:40

Client ID: SB40 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	91		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/23 10:23
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,07-10 Batch: WG1738918-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/23 10:23
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,07-10 Batch: WG1738918-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/23 10:23
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,07-10 Batch: WG1738918-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/23 10:23
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,07-10 Batch: WG1738918-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	88		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/31/23 11:14
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1739513-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/31/23 11:14
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1739513-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/31/23 11:14
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1739513-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/31/23 11:14
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1739513-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	88		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,07-10 Batch: WG1738918-3 WG1738918-4								
Methylene chloride	79		78		70-130	1		30
1,1-Dichloroethane	93		90		70-130	3		30
Chloroform	82		81		70-130	1		30
Carbon tetrachloride	77		74		70-130	4		30
1,2-Dichloropropane	94		93		70-130	1		30
Dibromochloromethane	80		81		70-130	1		30
1,1,2-Trichloroethane	94		94		70-130	0		30
Tetrachloroethene	82		79		70-130	4		30
Chlorobenzene	87		86		70-130	1		30
Trichlorofluoromethane	79		75		70-139	5		30
1,2-Dichloroethane	84		84		70-130	0		30
1,1,1-Trichloroethane	83		80		70-130	4		30
Bromodichloromethane	81		81		70-130	0		30
trans-1,3-Dichloropropene	96		97		70-130	1		30
cis-1,3-Dichloropropene	90		88		70-130	2		30
1,1-Dichloropropene	93		90		70-130	3		30
Bromoform	79		78		70-130	1		30
1,1,2,2-Tetrachloroethane	101		101		70-130	0		30
Benzene	89		87		70-130	2		30
Toluene	90		88		70-130	2		30
Ethylbenzene	92		90		70-130	2		30
Chloromethane	114		110		52-130	4		30
Bromomethane	96		91		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,07-10 Batch: WG1738918-3 WG1738918-4								
Vinyl chloride	96		92		67-130	4		30
Chloroethane	96		92		50-151	4		30
1,1-Dichloroethene	88		83		65-135	6		30
trans-1,2-Dichloroethene	85		81		70-130	5		30
Trichloroethene	84		82		70-130	2		30
1,2-Dichlorobenzene	86		85		70-130	1		30
1,3-Dichlorobenzene	87		86		70-130	1		30
1,4-Dichlorobenzene	86		86		70-130	0		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	90		89		70-130	1		30
o-Xylene	93		91		70-130	2		30
cis-1,2-Dichloroethene	82		80		70-130	2		30
Dibromomethane	79		79		70-130	0		30
Styrene	92		91		70-130	1		30
Dichlorodifluoromethane	104		99		30-146	5		30
Acetone	94		96		54-140	2		30
Carbon disulfide	**140**	Q	**134**	Q	59-130	4		30
2-Butanone	96		91		70-130	5		30
Vinyl acetate	105		105		70-130	0		30
4-Methyl-2-pentanone	99		100		70-130	1		30
1,2,3-Trichloropropane	102		101		68-130	1		30
2-Hexanone	102		103		70-130	1		30
Bromochloromethane	75		73		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,07-10 Batch: WG1738918-3 WG1738918-4								
2,2-Dichloropropane	87		83		70-130	5		30
1,2-Dibromoethane	88		88		70-130	0		30
1,3-Dichloropropane	96		97		69-130	1		30
1,1,1,2-Tetrachloroethane	82		81		70-130	1		30
Bromobenzene	84		82		70-130	2		30
n-Butylbenzene	104		101		70-130	3		30
sec-Butylbenzene	99		96		70-130	3		30
tert-Butylbenzene	94		90		70-130	4		30
o-Chlorotoluene	100		97		70-130	3		30
p-Chlorotoluene	100		98		70-130	2		30
1,2-Dibromo-3-chloropropane	74		73		68-130	1		30
Hexachlorobutadiene	79		76		67-130	4		30
Isopropylbenzene	98		94		70-130	4		30
p-Isopropyltoluene	95		92		70-130	3		30
Naphthalene	87		86		70-130	1		30
Acrylonitrile	106		107		70-130	1		30
n-Propylbenzene	104		100		70-130	4		30
1,2,3-Trichlorobenzene	81		81		70-130	0		30
1,2,4-Trichlorobenzene	83		84		70-130	1		30
1,3,5-Trimethylbenzene	96		94		70-130	2		30
1,2,4-Trimethylbenzene	96		94		70-130	2		30
1,4-Dioxane	88		90		65-136	2		30
p-Diethylbenzene	96		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,07-10 Batch: WG1738918-3 WG1738918-4								
p-Ethyltoluene	100		97		70-130	3		30
1,2,4,5-Tetramethylbenzene	95		95		70-130	0		30
Ethyl ether	99		99		67-130	0		30
trans-1,4-Dichloro-2-butene	110		111		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	107		108		70-130
4-Bromofluorobenzene	114		113		70-130
Dibromofluoromethane	90		90		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1739513-3 WG1739513-4								
Methylene chloride	86		83		70-130	4		30
1,1-Dichloroethane	101		98		70-130	3		30
Chloroform	89		87		70-130	2		30
Carbon tetrachloride	85		84		70-130	1		30
1,2-Dichloropropane	102		100		70-130	2		30
Dibromochloromethane	86		86		70-130	0		30
1,1,2-Trichloroethane	102		101		70-130	1		30
Tetrachloroethene	87		84		70-130	4		30
Chlorobenzene	93		91		70-130	2		30
Trichlorofluoromethane	89		86		70-139	3		30
1,2-Dichloroethane	93		91		70-130	2		30
1,1,1-Trichloroethane	90		87		70-130	3		30
Bromodichloromethane	89		87		70-130	2		30
trans-1,3-Dichloropropene	104		102		70-130	2		30
cis-1,3-Dichloropropene	97		95		70-130	2		30
1,1-Dichloropropene	103		100		70-130	3		30
Bromoform	83		84		70-130	1		30
1,1,2,2-Tetrachloroethane	110		109		70-130	1		30
Benzene	96		94		70-130	2		30
Toluene	96		93		70-130	3		30
Ethylbenzene	99		95		70-130	4		30
Chloromethane	127		122		52-130	4		30
Bromomethane	106		98		57-147	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1739513-3 WG1739513-4								
Vinyl chloride	109		104		67-130	5		30
Chloroethane	105		102		50-151	3		30
1,1-Dichloroethene	97		94		65-135	3		30
trans-1,2-Dichloroethene	91		88		70-130	3		30
Trichloroethene	91		89		70-130	2		30
1,2-Dichlorobenzene	94		91		70-130	3		30
1,3-Dichlorobenzene	93		89		70-130	4		30
1,4-Dichlorobenzene	94		90		70-130	4		30
Methyl tert butyl ether	101		100		66-130	1		30
p/m-Xylene	97		94		70-130	3		30
o-Xylene	97		96		70-130	1		30
cis-1,2-Dichloroethene	89		86		70-130	3		30
Dibromomethane	87		86		70-130	1		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	119		115		30-146	3		30
Acetone	98		101		54-140	3		30
Carbon disulfide	**154**	Q	**150**	Q	59-130	3		30
2-Butanone	102		101		70-130	1		30
Vinyl acetate	117		117		70-130	0		30
4-Methyl-2-pentanone	104		107		70-130	3		30
1,2,3-Trichloropropane	109		109		68-130	0		30
2-Hexanone	107		111		70-130	4		30
Bromochloromethane	80		79		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1739513-3 WG1739513-4								
2,2-Dichloropropane	94		92		70-130	2		30
1,2-Dibromoethane	95		93		70-130	2		30
1,3-Dichloropropane	104		103		69-130	1		30
1,1,1,2-Tetrachloroethane	88		86		70-130	2		30
Bromobenzene	87		86		70-130	1		30
n-Butylbenzene	113		111		70-130	2		30
sec-Butylbenzene	107		102		70-130	5		30
tert-Butylbenzene	97		96		70-130	1		30
o-Chlorotoluene	106		102		70-130	4		30
p-Chlorotoluene	105		102		70-130	3		30
1,2-Dibromo-3-chloropropane	80		79		68-130	1		30
Hexachlorobutadiene	83		82		67-130	1		30
Isopropylbenzene	102		100		70-130	2		30
p-Isopropyltoluene	100		97		70-130	3		30
Naphthalene	93		92		70-130	1		30
Acrylonitrile	114		115		70-130	1		30
n-Propylbenzene	110		108		70-130	2		30
1,2,3-Trichlorobenzene	88		86		70-130	2		30
1,2,4-Trichlorobenzene	90		88		70-130	2		30
1,3,5-Trimethylbenzene	101		97		70-130	4		30
1,2,4-Trimethylbenzene	100		96		70-130	4		30
1,4-Dioxane	90		92		65-136	2		30
p-Diethylbenzene	105		101		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1739513-3 WG1739513-4								
p-Ethyltoluene	105		101		70-130	4		30
1,2,4,5-Tetramethylbenzene	104		100		70-130	4		30
Ethyl ether	107		106		67-130	1		30
trans-1,4-Dichloro-2-butene	120		120		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	113		111		70-130
Dibromofluoromethane	91		90		70-130

SEMIVOLATILES

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01
Client ID: SB36 (.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:45
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 13:14
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	77	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	1200		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	26	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01 Date Collected: 01/26/23 08:45

Client ID: SB36 (.5-1) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	580		ug/kg	100	20.	1
Benzo(a)pyrene	460		ug/kg	140	42.	1
Benzo(b)fluoranthene	470		ug/kg	100	29.	1
Benzo(k)fluoranthene	180		ug/kg	100	28.	1
Chrysene	570		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	230		ug/kg	100	34.	1
Benzo(ghi)perylene	230		ug/kg	140	20.	1
Fluorene	68	J	ug/kg	170	17.	1
Phenanthrene	1100		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	66	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	210		ug/kg	140	24.	1
Pyrene	1400		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	37	J	ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01 Date Collected: 01/26/23 08:45

Client ID: SB36 (.5-1) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	41	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	2310	J	ug/kg			1
Unknown	283	J	ug/kg			1
Unknown	289	J	ug/kg			1
Unknown PAH	236	J	ug/kg			1
Unknown PAH	139	J	ug/kg			1
Unknown PAH	219	J	ug/kg			1
Unknown	334	J	ug/kg			1
Unknown PAH	235	J	ug/kg			1
Unknown	163	J	ug/kg			1
Unknown	411	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	82		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01
Client ID: SB36 (.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:45
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/08/23 14:21
Analyst: PNB
Percent Solids: 95%

Extraction Method: EPA 1633
Extraction Date: 02/07/23 05:16
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.790	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.395	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.198	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.790	0.277	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.198	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.790	0.382	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.105	1
PFOA/PFOS, Total	ND		ng/g	0.198	0.051	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01 Date Collected: 01/26/23 08:45

Client ID: SB36 (.5-1) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	99		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	116		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	107		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	87		20-150

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02
Client ID: SB36 (5.5-6)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:50
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 13:31
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	54	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02 Date Collected: 01/26/23 08:50

Client ID: SB36 (5.5-6) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	41	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	51	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	39	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	33	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	31	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	32	J	ug/kg	140	25.	1
Pyrene	56	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02 Date Collected: 01/26/23 08:50

Client ID: SB36 (5.5-6) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	267	J	ug/kg			1
Unknown	267	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	82		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02
Client ID: SB36 (5.5-6)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:50
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/08/23 14:34
Analyst: PNB
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 02/07/23 05:56
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.780	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.390	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.195	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.195	0.045	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.195	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.195	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.195	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.780	0.273	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.195	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.195	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.195	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.195	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.780	0.378	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.195	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.195	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.195	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.195	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.195	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.195	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.195	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.195	0.104	1
PFOA/PFOS, Total	ND		ng/g	0.195	0.051	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02 Date Collected: 01/26/23 08:50

Client ID: SB36 (5.5-6) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	95		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	117		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	102		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	93		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	90		20-150

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03
Client ID: SB37 (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 13:47
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	2000		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	44	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03 Date Collected: 01/26/23 09:30

Client ID: SB37 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	1200		ug/kg	100	20.	1
Benzo(a)pyrene	1100		ug/kg	140	43.	1
Benzo(b)fluoranthene	1200		ug/kg	100	29.	1
Benzo(k)fluoranthene	350		ug/kg	100	28.	1
Chrysene	1300		ug/kg	100	18.	1
Acenaphthylene	150		ug/kg	140	27.	1
Anthracene	420		ug/kg	100	34.	1
Benzo(ghi)perylene	540		ug/kg	140	20.	1
Fluorene	50	J	ug/kg	170	17.	1
Phenanthrene	930		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	160		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	490		ug/kg	140	24.	1
Pyrene	2700		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	97	J	ug/kg	170	16.	1
2-Methylnaphthalene	45	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03 Date Collected: 01/26/23 09:30

Client ID: SB37 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	72	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	5150	J	ug/kg			1
Unknown	284	J	ug/kg			1
Unknown	236	J	ug/kg			1
Unknown	521	J	ug/kg			1
Unknown PAH	208	J	ug/kg			1
Unknown PAH	521	J	ug/kg			1
Unknown Alkane	203	J	ug/kg			1
Unknown	187	J	ug/kg			1
Unknown	385	J	ug/kg			1
Unknown PAH	199	J	ug/kg			1
Unknown PAH	224	J	ug/kg			1
Unknown	398	J	ug/kg			1
Unknown PAH	453	J	ug/kg			1
Unknown	376	J	ug/kg			1
Unknown	716	J	ug/kg			1
Unknown Alkane	234	J	ug/kg			1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03 Date Collected: 01/26/23 09:30

Client ID: SB37 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	85		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03
Client ID: SB37 (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/08/23 14:47
Analyst: PNB
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 02/07/23 05:58
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.787	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.787	0.275	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.787	0.381	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
PFOA/PFOS, Total	ND		ng/g	0.197	0.051	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03 Date Collected: 01/26/23 09:30

Client ID: SB37 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	115		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	74		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-150

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04
Client ID: SB37 (12.5-13)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 14:04
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04 Date Collected: 01/26/23 09:35

Client ID: SB37 (12.5-13) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04 Date Collected: 01/26/23 09:35

Client ID: SB37 (12.5-13) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	232	J	ug/kg			1
Unknown	232	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	72		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04
Client ID: SB37 (12.5-13)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/08/23 15:00
Analyst: PNB
Percent Solids: 95%

Extraction Method: EPA 1633
Extraction Date: 02/07/23 06:01
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.789	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.789	0.276	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.789	0.382	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
PFOA/PFOS, Total	ND		ng/g	0.197	0.051	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04 Date Collected: 01/26/23 09:35

Client ID: SB37 (12.5-13) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	62		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	131		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	98		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05
Client ID: SB38 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:00
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 14:21
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	50	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	270		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	21	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05 Date Collected: 01/26/23 10:00

Client ID: SB38 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	130		ug/kg	100	20.	1
Benzo(a)pyrene	160		ug/kg	140	43.	1
Benzo(b)fluoranthene	180		ug/kg	100	29.	1
Benzo(k)fluoranthene	44	J	ug/kg	100	28.	1
Chrysene	140		ug/kg	100	18.	1
Acenaphthylene	47	J	ug/kg	140	27.	1
Anthracene	60	J	ug/kg	100	34.	1
Benzo(ghi)perylene	91	J	ug/kg	140	20.	1
Fluorene	28	J	ug/kg	170	17.	1
Phenanthrene	140		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	22	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	78	J	ug/kg	140	24.	1
Pyrene	270		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	41	J	ug/kg	170	16.	1
2-Methylnaphthalene	27	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05 Date Collected: 01/26/23 10:00

Client ID: SB38 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	8020	J	ug/kg			1
Unknown Alkane	2400	J	ug/kg			1
Unknown Naphthalene	317	J	ug/kg			1
Unknown Alkane	797	J	ug/kg			1
Unknown PAH	192	J	ug/kg			1
Unknown PAH	241	J	ug/kg			1
Unknown PAH	251	J	ug/kg			1
Unknown	246	J	ug/kg			1
Unknown Naphthalene	228	J	ug/kg			1
Unknown Alkane	342	J	ug/kg			1
Unknown Alkane	891	J	ug/kg			1
Unknown Alkane	261	J	ug/kg			1
Unknown	218	J	ug/kg			1
Unknown	190	J	ug/kg			1
Unknown Alkane	558	J	ug/kg			1
Unknown	885	J	ug/kg			1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05 Date Collected: 01/26/23 10:00

Client ID: SB38 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	85		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05
Client ID: SB38 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:00
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/08/23 16:00
Analyst: PNB
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 02/07/23 06:03
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.786	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.393	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.196	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.786	0.275	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.196	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.786	0.380	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.196	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.196	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.104	1
PFOA/PFOS, Total	ND		ng/g	0.196	0.051	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05 Date Collected: 01/26/23 10:00

Client ID: SB38 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	75		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	103		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	111		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	107		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	87		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06
Client ID: SB38 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 14:38
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	73	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	250		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06 Date Collected: 01/26/23 10:05

Client ID: SB38 (5-5.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	130		ug/kg	110	20.	1
Benzo(a)pyrene	140		ug/kg	140	43.	1
Benzo(b)fluoranthene	160		ug/kg	110	30.	1
Benzo(k)fluoranthene	56	J	ug/kg	110	28.	1
Chrysene	130		ug/kg	110	18.	1
Acenaphthylene	69	J	ug/kg	140	27.	1
Anthracene	84	J	ug/kg	110	34.	1
Benzo(ghi)perylene	76	J	ug/kg	140	21.	1
Fluorene	120	J	ug/kg	180	17.	1
Phenanthrene	490		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	67	J	ug/kg	140	25.	1
Pyrene	320		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	40	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06 Date Collected: 01/26/23 10:05

Client ID: SB38 (5-5.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	31500	J	ug/kg			1
Unknown Alkane	963	J	ug/kg			1
Unknown Cycloalkane	645	J	ug/kg			1
Unknown Alkane	1590	J	ug/kg			1
Unknown Alkane	5060	J	ug/kg			1
Unknown Alkane	742	J	ug/kg			1
Unknown Alkane	531	J	ug/kg			1
Unknown Alkane	804	J	ug/kg			1
Unknown Alkane	1100	J	ug/kg			1
Unknown Alkane	687	J	ug/kg			1
Unknown Alkane	3680	J	ug/kg			1
Unknown PAH	740	J	ug/kg			1
Unknown Alkane	766	J	ug/kg			1
Unknown Alkane	12600	J	ug/kg			1
Unknown Alkane	626	J	ug/kg			1
Unknown	957	J	ug/kg			1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06 Date Collected: 01/26/23 10:05

Client ID: SB38 (5-5.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	74		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06
Client ID: SB38 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/08/23 16:13
Analyst: PNB
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 02/07/23 06:04
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.783	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.391	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.196	0.045	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.783	0.274	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.196	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.783	0.379	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.196	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.196	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.104	1
PFOA/PFOS, Total	ND		ng/g	0.196	0.051	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06 Date Collected: 01/26/23 10:05

Client ID: SB38 (5-5.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	76		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	116		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	100		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07
Client ID: SB39 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 14:55
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	24	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	450		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	60.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07 Date Collected: 01/26/23 11:35

Client ID: SB39 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	220		ug/kg	100	20.	1
Benzo(a)pyrene	260		ug/kg	140	43.	1
Benzo(b)fluoranthene	280		ug/kg	100	29.	1
Benzo(k)fluoranthene	120		ug/kg	100	28.	1
Chrysene	220		ug/kg	100	18.	1
Acenaphthylene	49	J	ug/kg	140	27.	1
Anthracene	72	J	ug/kg	100	34.	1
Benzo(ghi)perylene	170		ug/kg	140	20.	1
Fluorene	23	J	ug/kg	180	17.	1
Phenanthrene	220		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	48	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	150		ug/kg	140	24.	1
Pyrene	410		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	18	J	ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07 Date Collected: 01/26/23 11:35

Client ID: SB39 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	33	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	475	J	ug/kg			1
Unknown	322	J	ug/kg			1
Unknown Organic Acid	153	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	85		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07
Client ID: SB39 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/08/23 16:26
Analyst: PNB
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 02/07/23 06:06
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.788	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.788	0.276	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.788	0.381	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
PFOA/PFOS, Total	ND		ng/g	0.197	0.051	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07 Date Collected: 01/26/23 11:35

Client ID: SB39 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	75		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	114		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08
Client ID: SB39 (11-11.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 15:12
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08 Date Collected: 01/26/23 11:40

Client ID: SB39 (11-11.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08 Date Collected: 01/26/23 11:40

Client ID: SB39 (11-11.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	71		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08
Client ID: SB39 (11-11.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/08/23 16:39
Analyst: PNB
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 02/07/23 06:08
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.792	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.396	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.198	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.792	0.277	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.198	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.792	0.383	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.105	1
PFOA/PFOS, Total	ND		ng/g	0.198	0.052	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08 Date Collected: 01/26/23 11:40

Client ID: SB39 (11-11.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	69		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	73		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	65		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	115		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	91		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	64		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09
Client ID: SB40 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 15:29
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	56	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	790		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	23	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09 Date Collected: 01/26/23 12:35

Client ID: SB40 (4.5-5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	340		ug/kg	110	20.	1
Benzo(a)pyrene	360		ug/kg	140	43.	1
Benzo(b)fluoranthene	430		ug/kg	110	30.	1
Benzo(k)fluoranthene	140		ug/kg	110	28.	1
Chrysene	330		ug/kg	110	18.	1
Acenaphthylene	42	J	ug/kg	140	27.	1
Anthracene	110		ug/kg	110	35.	1
Benzo(ghi)perylene	200		ug/kg	140	21.	1
Fluorene	46	J	ug/kg	180	17.	1
Phenanthrene	470		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	52	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	140	25.	1
Pyrene	710		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	22	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09 Date Collected: 01/26/23 12:35

Client ID: SB40 (4.5-5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	64	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	260	J	ug/kg			1
Unknown	260	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	67		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09
Client ID: SB40 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/08/23 16:52
Analyst: PNB
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 02/07/23 06:09
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.789	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.789	0.276	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.789	0.382	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
PFOA/PFOS, Total	ND		ng/g	0.197	0.051	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09 Date Collected: 01/26/23 12:35

Client ID: SB40 (4.5-5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	75		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	112		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	100		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	100		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10
Client ID: SB40 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 15:46
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	30	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10 Date Collected: 01/26/23 12:40

Client ID: SB40 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	19	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	24	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	31	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10 Date Collected: 01/26/23 12:40

Client ID: SB40 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	70		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10
Client ID: SB40 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/08/23 17:04
Analyst: PNB
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 02/07/23 06:11
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
PFOA/PFOS, Total	ND		ng/g	0.200	0.052	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10 Date Collected: 01/26/23 12:40

Client ID: SB40 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	73		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	115		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	95		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/29/23 12:05
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1738282-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/29/23 12:05
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1738282-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/29/23 12:05
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 01/28/23 07:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1738282-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	86		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/08/23 10:39
Analyst: PNB

Extraction Method: EPA 1633
Extraction Date: 02/07/23 05:16
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-10 Batch: WG1741568-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
PFOA/PFOS, Total	ND		ng/g	0.200	0.052

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/08/23 10:39
Analyst: PNB

Extraction Method: EPA 1633
Extraction Date: 02/07/23 05:16
Cleanup Method: EPA 1633
Cleanup Date: 02/07/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-10 Batch: WG1741568-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	79		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	63		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	121		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	103		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1738282-2 WG1738282-3								
Acenaphthene	65		62		31-137	5		50
1,2,4-Trichlorobenzene	68		68		38-107	0		50
Hexachlorobenzene	69		71		40-140	3		50
Bis(2-chloroethyl)ether	58		57		40-140	2		50
2-Chloronaphthalene	71		67		40-140	6		50
1,2-Dichlorobenzene	60		60		40-140	0		50
1,3-Dichlorobenzene	59		62		40-140	5		50
1,4-Dichlorobenzene	57		58		28-104	2		50
3,3'-Dichlorobenzidine	47		42		40-140	11		50
2,4-Dinitrotoluene	64		59		40-132	8		50
2,6-Dinitrotoluene	64		63		40-140	2		50
Fluoranthene	60		62		40-140	3		50
4-Chlorophenyl phenyl ether	66		63		40-140	5		50
4-Bromophenyl phenyl ether	64		66		40-140	3		50
Bis(2-chloroisopropyl)ether	50		50		40-140	0		50
Bis(2-chloroethoxy)methane	65		65		40-117	0		50
Hexachlorobutadiene	80		79		40-140	1		50
Hexachlorocyclopentadiene	63		64		40-140	2		50
Hexachloroethane	68		68		40-140	0		50
Isophorone	63		64		40-140	2		50
Naphthalene	63		62		40-140	2		50
Nitrobenzene	61		58		40-140	5		50
NDPA/DPA	61		60		36-157	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1738282-2 WG1738282-3								
n-Nitrosodi-n-propylamine	64		65		32-121	2		50
Bis(2-ethylhexyl)phthalate	68		66		40-140	3		50
Butyl benzyl phthalate	59		57		40-140	3		50
Di-n-butylphthalate	64		69		40-140	8		50
Di-n-octylphthalate	67		63		40-140	6		50
Diethyl phthalate	66		64		40-140	3		50
Dimethyl phthalate	68		69		40-140	1		50
Benzo(a)anthracene	61		59		40-140	3		50
Benzo(a)pyrene	67		63		40-140	6		50
Benzo(b)fluoranthene	67		61		40-140	9		50
Benzo(k)fluoranthene	70		60		40-140	15		50
Chrysene	63		57		40-140	10		50
Acenaphthylene	68		69		40-140	1		50
Anthracene	67		64		40-140	5		50
Benzo(ghi)perylene	64		62		40-140	3		50
Fluorene	62		60		40-140	3		50
Phenanthrene	65		62		40-140	5		50
Dibenzo(a,h)anthracene	67		66		40-140	2		50
Indeno(1,2,3-cd)pyrene	70		70		40-140	0		50
Pyrene	60		60		35-142	0		50
Biphenyl	69		65		37-127	6		50
4-Chloroaniline	**37**	Q	**24**	Q	40-140	43		50
2-Nitroaniline	65		64		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1738282-2 WG1738282-3								
3-Nitroaniline	37		35		26-129	6		50
4-Nitroaniline	52		49		41-125	6		50
Dibenzofuran	66		60		40-140	10		50
2-Methylnaphthalene	65		71		40-140	9		50
1,2,4,5-Tetrachlorobenzene	83		77		40-117	8		50
Acetophenone	68		70		14-144	3		50
2,4,6-Trichlorophenol	78		77		30-130	1		50
p-Chloro-m-cresol	69		74		26-103	7		50
2-Chlorophenol	60		60		25-102	0		50
2,4-Dichlorophenol	71		70		30-130	1		50
2,4-Dimethylphenol	62		58		30-130	7		50
2-Nitrophenol	71		71		30-130	0		50
4-Nitrophenol	60		60		11-114	0		50
2,4-Dinitrophenol	50		46		4-130	8		50
4,6-Dinitro-o-cresol	60		59		10-130	2		50
Pentachlorophenol	52		54		17-109	4		50
Phenol	59		58		26-90	2		50
2-Methylphenol	58		55		30-130.	5		50
3-Methylphenol/4-Methylphenol	58		58		30-130	0		50
2,4,5-Trichlorophenol	69		68		30-130	1		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	63		61		40-140	3		50
Carbazole	62		60		54-128	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1738282-2 WG1738282-3								
1,4-Dioxane	42		42		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		63		25-120
Phenol-d6	61		59		10-120
Nitrobenzene-d5	63		63		23-120
2-Fluorobiphenyl	73		70		30-120
2,4,6-Tribromophenol	80		76		10-136
4-Terphenyl-d14	57		59		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-10 Batch: WG1741568-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	96		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	88		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	73		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	82		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	88		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	88		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	85		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	88		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	92		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	90		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	108		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	79		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	82		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	90		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	75		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	90		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	82		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	88		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	82		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	82		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-10 Batch: WG1741568-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	76				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	96				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	119				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	65				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-10 Batch: WG1741568-3								
Perfluorobutanoic Acid (PFBA)	109		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	107		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	108		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	121		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	109		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	111		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	117		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	112		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	113		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	126		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	119		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	105		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	98		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	111		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	123		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	114		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	88		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	116		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-10 Batch: WG1741568-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	67				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	122				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	106				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58				20-150

PCBS

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01
Client ID: SB36 (.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:45
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 11:01
Analyst: JM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.40	1	A
Aroclor 1232	ND		ug/kg	34.0	7.20	1	A
Aroclor 1242	ND		ug/kg	34.0	4.58	1	A
Aroclor 1248	ND		ug/kg	34.0	5.10	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	B
Aroclor 1260	ND		ug/kg	34.0	6.28	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02
Client ID: SB36 (5.5-6)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:50
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 11:08
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.0	3.11	1	A
Aroclor 1221	ND		ug/kg	35.0	3.51	1	A
Aroclor 1232	ND		ug/kg	35.0	7.42	1	A
Aroclor 1242	ND		ug/kg	35.0	4.72	1	A
Aroclor 1248	ND		ug/kg	35.0	5.25	1	A
Aroclor 1254	ND		ug/kg	35.0	3.83	1	B
Aroclor 1260	ND		ug/kg	35.0	6.47	1	A
Aroclor 1262	ND		ug/kg	35.0	4.45	1	A
Aroclor 1268	ND		ug/kg	35.0	3.63	1	A
PCBs, Total	ND		ug/kg	35.0	3.11	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03
Client ID: SB37 (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 11:16
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.22	1	A
Aroclor 1242	ND		ug/kg	34.0	4.59	1	A
Aroclor 1248	ND		ug/kg	34.0	5.11	1	A
Aroclor 1254	9.21	J	ug/kg	34.0	3.72	1	B
Aroclor 1260	ND		ug/kg	34.0	6.29	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.53	1	A
PCBs, Total	9.21	J	ug/kg	34.0	3.02	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04
Client ID: SB37 (12.5-13)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 11:25
Analyst: JM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.48	1	A
Aroclor 1232	ND		ug/kg	34.7	7.37	1	A
Aroclor 1242	ND		ug/kg	34.7	4.68	1	A
Aroclor 1248	ND		ug/kg	34.7	5.21	1	A
Aroclor 1254	ND		ug/kg	34.7	3.80	1	A
Aroclor 1260	ND		ug/kg	34.7	6.42	1	A
Aroclor 1262	ND		ug/kg	34.7	4.41	1	A
Aroclor 1268	ND		ug/kg	34.7	3.60	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05
Client ID: SB38 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:00
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 11:33
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.49	1	A
Aroclor 1232	ND		ug/kg	34.9	7.39	1	A
Aroclor 1242	ND		ug/kg	34.9	4.70	1	A
Aroclor 1248	ND		ug/kg	34.9	5.23	1	A
Aroclor 1254	ND		ug/kg	34.9	3.81	1	A
Aroclor 1260	ND		ug/kg	34.9	6.44	1	A
Aroclor 1262	ND		ug/kg	34.9	4.43	1	A
Aroclor 1268	ND		ug/kg	34.9	3.61	1	A
PCBs, Total	ND		ug/kg	34.9	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06
Client ID: SB38 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 11:40
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.4	3.06	1	A
Aroclor 1221	ND		ug/kg	34.4	3.45	1	A
Aroclor 1232	ND		ug/kg	34.4	7.30	1	A
Aroclor 1242	ND		ug/kg	34.4	4.64	1	A
Aroclor 1248	ND		ug/kg	34.4	5.17	1	A
Aroclor 1254	ND		ug/kg	34.4	3.77	1	A
Aroclor 1260	ND		ug/kg	34.4	6.37	1	A
Aroclor 1262	ND		ug/kg	34.4	4.37	1	A
Aroclor 1268	ND		ug/kg	34.4	3.57	1	A
PCBs, Total	ND		ug/kg	34.4	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07
Client ID: SB39 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 11:48
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.1	3.03	1	A
Aroclor 1221	ND		ug/kg	34.1	3.42	1	A
Aroclor 1232	ND		ug/kg	34.1	7.23	1	A
Aroclor 1242	ND		ug/kg	34.1	4.60	1	A
Aroclor 1248	ND		ug/kg	34.1	5.12	1	A
Aroclor 1254	ND		ug/kg	34.1	3.73	1	A
Aroclor 1260	ND		ug/kg	34.1	6.30	1	B
Aroclor 1262	ND		ug/kg	34.1	4.33	1	A
Aroclor 1268	ND		ug/kg	34.1	3.53	1	A
PCBs, Total	ND		ug/kg	34.1	3.03	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08
Client ID: SB39 (11-11.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 21:12
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.12	1	A
Aroclor 1221	ND		ug/kg	35.1	3.52	1	A
Aroclor 1232	ND		ug/kg	35.1	7.45	1	A
Aroclor 1242	ND		ug/kg	35.1	4.74	1	A
Aroclor 1248	ND		ug/kg	35.1	5.27	1	A
Aroclor 1254	ND		ug/kg	35.1	3.84	1	A
Aroclor 1260	ND		ug/kg	35.1	6.49	1	A
Aroclor 1262	ND		ug/kg	35.1	4.46	1	A
Aroclor 1268	ND		ug/kg	35.1	3.64	1	A
PCBs, Total	ND		ug/kg	35.1	3.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09
Client ID: SB40 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 21:20
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.47	1	A
Aroclor 1232	ND		ug/kg	34.7	7.35	1	A
Aroclor 1242	ND		ug/kg	34.7	4.67	1	A
Aroclor 1248	ND		ug/kg	34.7	5.20	1	A
Aroclor 1254	ND		ug/kg	34.7	3.79	1	A
Aroclor 1260	91.8		ug/kg	34.7	6.41	1	B
Aroclor 1262	ND		ug/kg	34.7	4.40	1	A
Aroclor 1268	ND		ug/kg	34.7	3.59	1	A
PCBs, Total	91.8		ug/kg	34.7	3.08	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10
Client ID: SB40 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 21:28
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.2	3.13	1	A
Aroclor 1221	ND		ug/kg	35.2	3.53	1	A
Aroclor 1232	ND		ug/kg	35.2	7.47	1	A
Aroclor 1242	ND		ug/kg	35.2	4.75	1	A
Aroclor 1248	ND		ug/kg	35.2	5.29	1	A
Aroclor 1254	ND		ug/kg	35.2	3.86	1	A
Aroclor 1260	ND		ug/kg	35.2	6.52	1	A
Aroclor 1262	ND		ug/kg	35.2	4.48	1	A
Aroclor 1268	ND		ug/kg	35.2	3.65	1	A
PCBs, Total	ND		ug/kg	35.2	3.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/30/23 09:17
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG1738312-1						
Aroclor 1016	ND		ug/kg	32.8	2.91	A
Aroclor 1221	ND		ug/kg	32.8	3.28	A
Aroclor 1232	ND		ug/kg	32.8	6.95	A
Aroclor 1242	ND		ug/kg	32.8	4.42	A
Aroclor 1248	ND		ug/kg	32.8	4.91	A
Aroclor 1254	ND		ug/kg	32.8	3.58	A
Aroclor 1260	ND		ug/kg	32.8	6.06	A
Aroclor 1262	ND		ug/kg	32.8	4.16	A
Aroclor 1268	ND		ug/kg	32.8	3.39	A
PCBs, Total	ND		ug/kg	32.8	2.91	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1738312-2 WG1738312-3									
Aroclor 1016	88		83		40-140	6		50	A
Aroclor 1260	47		44		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		88		30-150	A
Decachlorobiphenyl	51		47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		97		30-150	B
Decachlorobiphenyl	66		62		30-150	B

PESTICIDES

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01
Client ID: SB36 (.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:45
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 14:23
Analyst: MEO
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.61	0.316	1	A
Lindane	ND		ug/kg	0.672	0.300	1	A
Alpha-BHC	ND		ug/kg	0.672	0.191	1	A
Beta-BHC	ND		ug/kg	1.61	0.612	1	A
Heptachlor	ND		ug/kg	0.807	0.362	1	A
Aldrin	ND		ug/kg	1.61	0.568	1	A
Heptachlor epoxide	ND		ug/kg	3.02	0.908	1	A
Endrin	ND		ug/kg	0.672	0.276	1	A
Endrin aldehyde	ND		ug/kg	2.02	0.706	1	A
Endrin ketone	ND		ug/kg	1.61	0.416	1	A
Dieldrin	ND		ug/kg	1.01	0.504	1	A
4,4'-DDE	0.490	J	ug/kg	1.61	0.373	1	A
4,4'-DDD	ND		ug/kg	1.61	0.576	1	A
4,4'-DDT	ND		ug/kg	1.61	1.30	1	A
Endosulfan I	ND		ug/kg	1.61	0.381	1	A
Endosulfan II	ND		ug/kg	1.61	0.539	1	A
Endosulfan sulfate	ND		ug/kg	0.672	0.320	1	A
Methoxychlor	ND		ug/kg	3.02	0.941	1	A
Toxaphene	ND		ug/kg	30.2	8.47	1	A
cis-Chlordane	ND		ug/kg	2.02	0.562	1	A
trans-Chlordane	ND		ug/kg	2.02	0.532	1	A
Chlordane	ND		ug/kg	13.4	5.34	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01 Date Collected: 01/26/23 08:45

Client ID: SB36 (.5-1) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02
Client ID: SB36 (5.5-6)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:50
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 14:35
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.316	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.849	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	0.965	J	ug/kg	1.70	0.393	1	B
4,4'-DDD	1.18	J	ug/kg	1.70	0.606	1	B
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.991	1	A
Toxaphene	ND		ug/kg	31.8	8.92	1	A
cis-Chlordane	1.29	J	ug/kg	2.12	0.592	1	B
trans-Chlordane	0.780	JIP	ug/kg	2.12	0.561	1	B
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02 Date Collected: 01/26/23 08:50

Client ID: SB36 (5.5-6) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03
Client ID: SB37 (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 14:48
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:51
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.691	0.309	1	A
Alpha-BHC	ND		ug/kg	0.691	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.829	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.932	1	A
Endrin	ND		ug/kg	0.691	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.725	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	2.45		ug/kg	1.66	0.383	1	A
4,4'-DDD	3.19		ug/kg	1.66	0.591	1	B
4,4'-DDT	ND		ug/kg	1.66	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.691	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.967	1	A
Toxaphene	ND		ug/kg	31.1	8.70	1	A
cis-Chlordane	2.14		ug/kg	2.07	0.577	1	B
trans-Chlordane	2.59	IP	ug/kg	2.07	0.547	1	A
Chlordane	ND		ug/kg	13.8	5.49	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03 Date Collected: 01/26/23 09:30

Client ID: SB37 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	124		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04
Client ID: SB37 (12.5-13)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 15:00
Analyst: MEO
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:51
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.679	0.303	1	A
Alpha-BHC	ND		ug/kg	0.679	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.618	1	A
Heptachlor	ND		ug/kg	0.814	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.574	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.916	1	A
Endrin	ND		ug/kg	0.679	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.713	1	A
Endrin ketone	ND		ug/kg	1.63	0.419	1	A
Dieldrin	ND		ug/kg	1.02	0.509	1	A
4,4'-DDE	ND		ug/kg	1.63	0.377	1	A
4,4'-DDD	ND		ug/kg	1.63	0.581	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.385	1	A
Endosulfan II	ND		ug/kg	1.63	0.544	1	A
Endosulfan sulfate	ND		ug/kg	0.679	0.323	1	A
Methoxychlor	ND		ug/kg	3.05	0.950	1	A
Toxaphene	ND		ug/kg	30.5	8.55	1	A
cis-Chlordane	ND		ug/kg	2.04	0.567	1	A
trans-Chlordane	ND		ug/kg	2.04	0.538	1	A
Chlordane	ND		ug/kg	13.6	5.40	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04 Date Collected: 01/26/23 09:35

Client ID: SB37 (12.5-13) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05
Client ID: SB38 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:00
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 15:13
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:51
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.684	0.306	1	A
Alpha-BHC	ND		ug/kg	0.684	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.622	1	A
Heptachlor	ND		ug/kg	0.821	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.578	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.923	1	A
Endrin	ND		ug/kg	0.684	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.718	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.513	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	0.782	J	ug/kg	1.64	0.586	1	B
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.548	1	A
Endosulfan sulfate	ND		ug/kg	0.684	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.958	1	A
Toxaphene	ND		ug/kg	30.8	8.62	1	A
cis-Chlordane	2.77		ug/kg	2.05	0.572	1	A
trans-Chlordane	2.28	IP	ug/kg	2.05	0.542	1	A
Chlordane	ND		ug/kg	13.7	5.44	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05 Date Collected: 01/26/23 10:00

Client ID: SB38 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06
Client ID: SB38 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 15:25
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:51
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.684	0.306	1	A
Alpha-BHC	ND		ug/kg	0.684	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.622	1	A
Heptachlor	ND		ug/kg	0.820	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.578	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.923	1	A
Endrin	ND		ug/kg	0.684	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.718	1	A
Endrin ketone	ND		ug/kg	1.64	0.422	1	A
Dieldrin	ND		ug/kg	1.02	0.513	1	A
4,4'-DDE	ND		ug/kg	1.64	0.379	1	A
4,4'-DDD	ND		ug/kg	1.64	0.585	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.548	1	A
Endosulfan sulfate	ND		ug/kg	0.684	0.325	1	A
Methoxychlor	ND		ug/kg	3.08	0.957	1	A
Toxaphene	ND		ug/kg	30.8	8.61	1	A
cis-Chlordane	28.8		ug/kg	2.05	0.572	1	A
trans-Chlordane	24.9		ug/kg	2.05	0.541	1	A
Chlordane	219		ug/kg	13.7	5.44	1	B

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06 Date Collected: 01/26/23 10:05

Client ID: SB38 (5-5.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07
Client ID: SB39 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 15:38
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:51
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.61	0.316	1	A
Lindane	ND		ug/kg	0.672	0.300	1	A
Alpha-BHC	ND		ug/kg	0.672	0.191	1	A
Beta-BHC	ND		ug/kg	1.61	0.611	1	A
Heptachlor	ND		ug/kg	0.806	0.361	1	A
Aldrin	ND		ug/kg	1.61	0.568	1	A
Heptachlor epoxide	ND		ug/kg	3.02	0.907	1	A
Endrin	ND		ug/kg	0.672	0.275	1	A
Endrin aldehyde	ND		ug/kg	2.01	0.705	1	A
Endrin ketone	ND		ug/kg	1.61	0.415	1	A
Dieldrin	ND		ug/kg	1.01	0.504	1	A
4,4'-DDE	1.27	J	ug/kg	1.61	0.373	1	A
4,4'-DDD	1.24	J	ug/kg	1.61	0.575	1	A
4,4'-DDT	ND		ug/kg	1.61	1.30	1	A
Endosulfan I	ND		ug/kg	1.61	0.381	1	A
Endosulfan II	ND		ug/kg	1.61	0.539	1	A
Endosulfan sulfate	ND		ug/kg	0.672	0.320	1	A
Methoxychlor	ND		ug/kg	3.02	0.940	1	A
Toxaphene	ND		ug/kg	30.2	8.46	1	A
cis-Chlordane	1.68	J	ug/kg	2.01	0.561	1	A
trans-Chlordane	2.24	IP	ug/kg	2.01	0.532	1	A
Chlordane	ND		ug/kg	13.4	5.34	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07 Date Collected: 01/26/23 11:35

Client ID: SB39 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08
Client ID: SB39 (11-11.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 16:03
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:51
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.336	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.650	1	A
Heptachlor	ND		ug/kg	0.857	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.964	1	A
Endrin	ND		ug/kg	0.714	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.750	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	ND		ug/kg	2.14	0.597	1	A
trans-Chlordane	ND		ug/kg	2.14	0.565	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08 Date Collected: 01/26/23 11:40

Client ID: SB39 (11-11.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09
Client ID: SB40 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 16:16
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:51
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.319	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.962	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	0.997	J	ug/kg	1.71	0.396	1	A
4,4'-DDD	2.05	P	ug/kg	1.71	0.610	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.339	1	A
Methoxychlor	ND		ug/kg	3.21	0.998	1	A
Toxaphene	ND		ug/kg	32.1	8.98	1	A
cis-Chlordane	ND	IP	ug/kg	2.14	0.596	1	A
trans-Chlordane	0.898	JIP	ug/kg	2.14	0.565	1	B
Chlordane	ND		ug/kg	14.2	5.67	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09 Date Collected: 01/26/23 12:35

Client ID: SB40 (4.5-5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: 100 MAIN ST (MACYS)
Lab Number: L2304630
Project Number: 12461
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10
Client ID: SB40 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 16:28
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:51
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.314	1	A
Lindane	ND		ug/kg	0.667	0.298	1	A
Alpha-BHC	ND		ug/kg	0.667	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.607	1	A
Heptachlor	ND		ug/kg	0.800	0.359	1	A
Aldrin	ND		ug/kg	1.60	0.564	1	A
Heptachlor epoxide	ND		ug/kg	3.00	0.901	1	A
Endrin	ND		ug/kg	0.667	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.700	1	A
Endrin ketone	ND		ug/kg	1.60	0.412	1	A
Dieldrin	ND		ug/kg	1.00	0.500	1	A
4,4'-DDE	0.578	J	ug/kg	1.60	0.370	1	A
4,4'-DDD	ND		ug/kg	1.60	0.571	1	A
4,4'-DDT	ND		ug/kg	1.60	1.29	1	B
Endosulfan I	ND		ug/kg	1.60	0.378	1	A
Endosulfan II	ND		ug/kg	1.60	0.535	1	A
Endosulfan sulfate	ND		ug/kg	0.667	0.318	1	A
Methoxychlor	ND		ug/kg	3.00	0.934	1	A
Toxaphene	ND		ug/kg	30.0	8.41	1	A
cis-Chlordane	ND		ug/kg	2.00	0.558	1	A
trans-Chlordane	ND		ug/kg	2.00	0.528	1	A
Chlordane	ND		ug/kg	13.3	5.30	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10 Date Collected: 01/26/23 12:40

Client ID: SB40 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/29/23 11:40
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1738354-1						
Delta-BHC	ND		ug/kg	1.51	0.295	A
Lindane	ND		ug/kg	0.628	0.281	A
Alpha-BHC	ND		ug/kg	0.628	0.178	A
Beta-BHC	ND		ug/kg	1.51	0.572	A
Heptachlor	ND		ug/kg	0.754	0.338	A
Aldrin	ND		ug/kg	1.51	0.531	A
Heptachlor epoxide	ND		ug/kg	2.83	0.848	A
Endrin	ND		ug/kg	0.628	0.258	A
Endrin aldehyde	ND		ug/kg	1.88	0.660	A
Endrin ketone	ND		ug/kg	1.51	0.388	A
Dieldrin	ND		ug/kg	0.942	0.471	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.538	A
4,4'-DDT	ND		ug/kg	1.51	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.356	A
Endosulfan II	ND		ug/kg	1.51	0.504	A
Endosulfan sulfate	ND		ug/kg	0.628	0.299	A
Methoxychlor	ND		ug/kg	2.83	0.879	A
Toxaphene	ND		ug/kg	28.3	7.91	A
cis-Chlordane	ND		ug/kg	1.88	0.525	A
trans-Chlordane	ND		ug/kg	1.88	0.497	A
Chlordane	ND		ug/kg	12.6	4.99	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/29/23 11:40
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1738354-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	115		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1738354-2 WG1738354-3									
Delta-BHC	83		81		30-150	2		30	A
Lindane	84		87		30-150	4		30	A
Alpha-BHC	95		94		30-150	1		30	A
Beta-BHC	95		96		30-150	1		30	A
Heptachlor	97		96		30-150	1		30	A
Aldrin	90		88		30-150	2		30	A
Heptachlor epoxide	82		78		30-150	5		30	A
Endrin	96		94		30-150	2		30	A
Endrin aldehyde	69		73		30-150	6		30	A
Endrin ketone	97		99		30-150	2		30	A
Dieldrin	99		97		30-150	2		30	A
4,4'-DDE	94		92		30-150	2		30	A
4,4'-DDD	103		102		30-150	1		30	A
4,4'-DDT	99		96		30-150	3		30	A
Endosulfan I	90		88		30-150	2		30	A
Endosulfan II	97		95		30-150	2		30	A
Endosulfan sulfate	67		71		30-150	6		30	A
Methoxychlor	95		95		30-150	0		30	A
cis-Chlordane	79		76		30-150	4		30	A
trans-Chlordane	103		99		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1738354-2 WG1738354-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		90		30-150	A
Decachlorobiphenyl	64		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		87		30-150	B
Decachlorobiphenyl	118		105		30-150	B

METALS

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01 Date Collected: 01/26/23 08:45

Client ID: SB36 (.5-1) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5690		mg/kg	8.24	2.22	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Antimony, Total	0.713	J	mg/kg	4.12	0.313	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.03		mg/kg	0.824	0.171	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Barium, Total	46.8		mg/kg	0.824	0.143	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Beryllium, Total	ND		mg/kg	0.412	0.027	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.824	0.081	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Calcium, Total	4140		mg/kg	8.24	2.88	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Chromium, Total	12.7		mg/kg	0.824	0.079	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.86		mg/kg	1.65	0.137	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Copper, Total	20.4		mg/kg	0.824	0.212	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Iron, Total	12200		mg/kg	4.12	0.744	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Lead, Total	19.0		mg/kg	4.12	0.221	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Magnesium, Total	3700		mg/kg	8.24	1.27	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Manganese, Total	197		mg/kg	0.824	0.131	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.068	0.044	1	01/28/23 08:00	02/01/23 09:14	EPA 7471B	1,7471B	DMB
Nickel, Total	10.5		mg/kg	2.06	0.199	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Potassium, Total	1330		mg/kg	206	11.9	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Selenium, Total	0.400	J	mg/kg	1.65	0.212	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.412	0.233	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Sodium, Total	201		mg/kg	165	2.60	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.65	0.260	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Vanadium, Total	20.8		mg/kg	0.824	0.167	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW
Zinc, Total	35.0		mg/kg	4.12	0.241	2	01/28/23 06:55	01/30/23 08:15	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02 Date Collected: 01/26/23 08:50

Client ID: SB36 (5.5-6) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7520		mg/kg	8.46	2.28	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Antimony, Total	0.702	J	mg/kg	4.23	0.322	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Arsenic, Total	1.88		mg/kg	0.846	0.176	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Barium, Total	63.9		mg/kg	0.846	0.147	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.052	J	mg/kg	0.423	0.028	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.846	0.083	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Calcium, Total	4680		mg/kg	8.46	2.96	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Chromium, Total	14.7		mg/kg	0.846	0.081	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.85		mg/kg	1.69	0.140	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Copper, Total	18.4		mg/kg	0.846	0.218	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Iron, Total	13100		mg/kg	4.23	0.764	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Lead, Total	10.2		mg/kg	4.23	0.227	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Magnesium, Total	3510		mg/kg	8.46	1.30	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Manganese, Total	212		mg/kg	0.846	0.134	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.070	0.046	1	01/28/23 08:00	02/01/23 09:53	EPA 7471B	1,7471B	DMB
Nickel, Total	10.5		mg/kg	2.12	0.205	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Potassium, Total	1570		mg/kg	212	12.2	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Selenium, Total	0.528	J	mg/kg	1.69	0.218	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.423	0.239	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Sodium, Total	193		mg/kg	169	2.66	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.69	0.266	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Vanadium, Total	21.8		mg/kg	0.846	0.172	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW
Zinc, Total	27.6		mg/kg	4.23	0.248	2	01/28/23 06:55	01/30/23 09:29	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03 Date Collected: 01/26/23 09:30

Client ID: SB37 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7490		mg/kg	8.15	2.20	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Antimony, Total	0.764	J	mg/kg	4.07	0.310	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.50		mg/kg	0.815	0.170	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Barium, Total	75.1		mg/kg	0.815	0.142	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.050	J	mg/kg	0.407	0.027	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.107	J	mg/kg	0.815	0.080	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Calcium, Total	7770		mg/kg	8.15	2.85	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Chromium, Total	15.8		mg/kg	0.815	0.078	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Cobalt, Total	6.48		mg/kg	1.63	0.135	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Copper, Total	33.6		mg/kg	0.815	0.210	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Iron, Total	15000		mg/kg	4.07	0.736	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Lead, Total	49.6		mg/kg	4.07	0.218	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Magnesium, Total	5480		mg/kg	8.15	1.25	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Manganese, Total	197		mg/kg	0.815	0.130	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Mercury, Total	0.090		mg/kg	0.068	0.044	1	01/28/23 08:00	02/01/23 09:57	EPA 7471B	1,7471B	DMB
Nickel, Total	11.3		mg/kg	2.04	0.197	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Potassium, Total	1610		mg/kg	204	11.7	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Selenium, Total	0.313	J	mg/kg	1.63	0.210	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.407	0.231	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Sodium, Total	302		mg/kg	163	2.57	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.63	0.257	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Vanadium, Total	31.1		mg/kg	0.815	0.165	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW
Zinc, Total	50.8		mg/kg	4.07	0.239	2	01/28/23 06:55	01/30/23 09:34	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04 Date Collected: 01/26/23 09:35

Client ID: SB37 (12.5-13) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4480		mg/kg	8.11	2.19	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Antimony, Total	0.551	J	mg/kg	4.05	0.308	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Arsenic, Total	1.69		mg/kg	0.811	0.169	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Barium, Total	58.1		mg/kg	0.811	0.141	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.032	J	mg/kg	0.405	0.027	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.811	0.080	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Calcium, Total	2040		mg/kg	8.11	2.84	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Chromium, Total	12.7		mg/kg	0.811	0.078	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Cobalt, Total	8.90		mg/kg	1.62	0.135	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Copper, Total	15.1		mg/kg	0.811	0.209	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Iron, Total	11200		mg/kg	4.05	0.732	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Lead, Total	1.45	J	mg/kg	4.05	0.217	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Magnesium, Total	1950		mg/kg	8.11	1.25	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Manganese, Total	215		mg/kg	0.811	0.129	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.067	0.044	1	01/28/23 08:00	02/01/23 10:00	EPA 7471B	1,7471B	DMB
Nickel, Total	8.40		mg/kg	2.03	0.196	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Potassium, Total	1540		mg/kg	203	11.7	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Selenium, Total	0.327	J	mg/kg	1.62	0.209	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.405	0.229	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Sodium, Total	325		mg/kg	162	2.55	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.62	0.255	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Vanadium, Total	17.1		mg/kg	0.811	0.165	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW
Zinc, Total	22.1		mg/kg	4.05	0.238	2	01/28/23 06:55	01/30/23 09:38	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05 Date Collected: 01/26/23 10:00

Client ID: SB38 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7530		mg/kg	8.36	2.26	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Antimony, Total	1.27	J	mg/kg	4.18	0.318	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.66		mg/kg	0.836	0.174	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Barium, Total	69.4		mg/kg	0.836	0.145	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.062	J	mg/kg	0.418	0.028	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.152	J	mg/kg	0.836	0.082	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Calcium, Total	8110		mg/kg	8.36	2.93	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Chromium, Total	14.2		mg/kg	0.836	0.080	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Cobalt, Total	7.24		mg/kg	1.67	0.139	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Copper, Total	37.6		mg/kg	0.836	0.216	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Iron, Total	16400		mg/kg	4.18	0.755	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Lead, Total	58.5		mg/kg	4.18	0.224	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Magnesium, Total	6100		mg/kg	8.36	1.29	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Manganese, Total	190		mg/kg	0.836	0.133	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Mercury, Total	0.109		mg/kg	0.069	0.045	1	01/28/23 08:00	02/01/23 10:03	EPA 7471B	1,7471B	DMB
Nickel, Total	12.2		mg/kg	2.09	0.202	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Potassium, Total	1490		mg/kg	209	12.0	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Selenium, Total	0.489	J	mg/kg	1.67	0.216	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.418	0.237	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Sodium, Total	296		mg/kg	167	2.63	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.67	0.263	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Vanadium, Total	33.3		mg/kg	0.836	0.170	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW
Zinc, Total	68.4		mg/kg	4.18	0.245	2	01/28/23 06:55	01/30/23 09:54	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06 Date Collected: 01/26/23 10:05

Client ID: SB38 (5-5.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6350		mg/kg	8.24	2.22	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Antimony, Total	0.672	J	mg/kg	4.12	0.313	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.96		mg/kg	0.824	0.171	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Barium, Total	59.5		mg/kg	0.824	0.143	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.069	J	mg/kg	0.412	0.027	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.084	J	mg/kg	0.824	0.081	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Calcium, Total	5540		mg/kg	8.24	2.88	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Chromium, Total	14.3		mg/kg	0.824	0.079	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.82		mg/kg	1.65	0.137	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Copper, Total	23.7		mg/kg	0.824	0.212	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Iron, Total	14000		mg/kg	4.12	0.744	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Lead, Total	18.4		mg/kg	4.12	0.221	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Magnesium, Total	3200		mg/kg	8.24	1.27	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Manganese, Total	180		mg/kg	0.824	0.131	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Mercury, Total	0.076		mg/kg	0.067	0.044	1	01/28/23 08:00	02/01/23 10:06	EPA 7471B	1,7471B	DMB
Nickel, Total	9.70		mg/kg	2.06	0.199	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Potassium, Total	1520		mg/kg	206	11.8	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Selenium, Total	0.451	J	mg/kg	1.65	0.212	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.412	0.233	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Sodium, Total	227		mg/kg	165	2.59	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.65	0.259	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Vanadium, Total	24.4		mg/kg	0.824	0.167	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW
Zinc, Total	42.3		mg/kg	4.12	0.241	2	01/28/23 06:55	01/30/23 09:58	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07 Date Collected: 01/26/23 11:35

Client ID: SB39 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8020		mg/kg	8.23	2.22	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Antimony, Total	0.906	J	mg/kg	4.11	0.313	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.65		mg/kg	0.823	0.171	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Barium, Total	75.0		mg/kg	0.823	0.143	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.029	J	mg/kg	0.411	0.027	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.183	J	mg/kg	0.823	0.081	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Calcium, Total	6540		mg/kg	8.23	2.88	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Chromium, Total	15.3		mg/kg	0.823	0.079	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Cobalt, Total	7.49		mg/kg	1.64	0.136	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Copper, Total	70.8		mg/kg	0.823	0.212	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Iron, Total	16000		mg/kg	4.11	0.743	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Lead, Total	49.3		mg/kg	4.11	0.220	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Magnesium, Total	5170		mg/kg	8.23	1.27	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Manganese, Total	222		mg/kg	0.823	0.131	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Mercury, Total	0.087		mg/kg	0.068	0.044	1	01/28/23 08:00	02/01/23 10:10	EPA 7471B	1,7471B	DMB
Nickel, Total	13.2		mg/kg	2.06	0.199	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Potassium, Total	1690		mg/kg	206	11.8	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Selenium, Total	0.714	J	mg/kg	1.64	0.212	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.411	0.233	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Sodium, Total	349		mg/kg	164	2.59	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.64	0.259	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Vanadium, Total	34.7		mg/kg	0.823	0.167	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW
Zinc, Total	78.0		mg/kg	4.11	0.241	2	01/28/23 06:55	01/30/23 10:02	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08 Date Collected: 01/26/23 11:40

Client ID: SB39 (11-11.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5080		mg/kg	8.38	2.26	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Antimony, Total	0.506	J	mg/kg	4.19	0.318	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Arsenic, Total	1.72		mg/kg	0.838	0.174	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Barium, Total	48.1		mg/kg	0.838	0.146	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.087	J	mg/kg	0.419	0.028	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.838	0.082	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Calcium, Total	1460		mg/kg	8.38	2.93	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Chromium, Total	13.2		mg/kg	0.838	0.080	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Cobalt, Total	7.25		mg/kg	1.68	0.139	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Copper, Total	14.9		mg/kg	0.838	0.216	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Iron, Total	12300		mg/kg	4.19	0.756	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Lead, Total	1.92	J	mg/kg	4.19	0.224	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Magnesium, Total	2210		mg/kg	8.38	1.29	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Manganese, Total	204		mg/kg	0.838	0.133	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.069	0.045	1	01/28/23 08:00	02/01/23 10:20	EPA 7471B	1,7471B	DMB
Nickel, Total	8.73		mg/kg	2.09	0.203	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Potassium, Total	1060		mg/kg	209	12.1	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Selenium, Total	0.447	J	mg/kg	1.68	0.216	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.419	0.237	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Sodium, Total	150	J	mg/kg	168	2.64	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.68	0.264	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Vanadium, Total	18.5		mg/kg	0.838	0.170	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW
Zinc, Total	19.2		mg/kg	4.19	0.245	2	01/28/23 06:55	01/30/23 10:07	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09 Date Collected: 01/26/23 12:35

Client ID: SB40 (4.5-5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8340		mg/kg	8.40	2.27	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Antimony, Total	0.733	J	mg/kg	4.20	0.319	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.64		mg/kg	0.840	0.175	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Barium, Total	76.3		mg/kg	0.840	0.146	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.055	J	mg/kg	0.420	0.028	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.840	0.082	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Calcium, Total	6710		mg/kg	8.40	2.94	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Chromium, Total	23.7		mg/kg	0.840	0.081	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Cobalt, Total	7.10		mg/kg	1.68	0.139	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Copper, Total	31.5		mg/kg	0.840	0.217	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Iron, Total	15800		mg/kg	4.20	0.758	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Lead, Total	36.3		mg/kg	4.20	0.225	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Magnesium, Total	4310		mg/kg	8.40	1.29	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Manganese, Total	206		mg/kg	0.840	0.133	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Mercury, Total	0.134		mg/kg	0.069	0.045	1	01/28/23 08:00	02/01/23 10:23	EPA 7471B	1,7471B	DMB
Nickel, Total	14.4		mg/kg	2.10	0.203	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Potassium, Total	1600		mg/kg	210	12.1	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Selenium, Total	0.672	J	mg/kg	1.68	0.217	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.420	0.238	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Sodium, Total	284		mg/kg	168	2.64	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.68	0.264	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Vanadium, Total	32.8		mg/kg	0.840	0.170	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW
Zinc, Total	44.8		mg/kg	4.20	0.246	2	01/28/23 06:55	01/30/23 10:11	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10 Date Collected: 01/26/23 12:40

Client ID: SB40 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8400		mg/kg	8.37	2.26	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Antimony, Total	0.853	J	mg/kg	4.19	0.318	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Arsenic, Total	2.22		mg/kg	0.837	0.174	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Barium, Total	50.1		mg/kg	0.837	0.146	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.072	J	mg/kg	0.419	0.028	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.837	0.082	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Calcium, Total	4190		mg/kg	8.37	2.93	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Chromium, Total	16.0		mg/kg	0.837	0.080	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.54		mg/kg	1.67	0.139	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Copper, Total	19.4		mg/kg	0.837	0.216	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Iron, Total	13000		mg/kg	4.19	0.756	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Lead, Total	18.0		mg/kg	4.19	0.224	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Magnesium, Total	3270		mg/kg	8.37	1.29	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Manganese, Total	189		mg/kg	0.837	0.133	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Mercury, Total	0.066	J	mg/kg	0.068	0.044	1	01/28/23 08:00	02/01/23 10:26	EPA 7471B	1,7471B	DMB
Nickel, Total	10.3		mg/kg	2.09	0.203	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Potassium, Total	1410		mg/kg	209	12.0	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Selenium, Total	0.643	J	mg/kg	1.67	0.216	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.419	0.237	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Sodium, Total	248		mg/kg	167	2.64	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.67	0.264	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Vanadium, Total	21.6		mg/kg	0.837	0.170	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW
Zinc, Total	31.8		mg/kg	4.19	0.245	2	01/28/23 06:55	01/30/23 10:16	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304630

Project Number: 12461 **Report Date:** 02/10/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1738069-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Barium, Total	ND		mg/kg	0.400	0.070	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Calcium, Total	ND		mg/kg	4.00	1.40	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Chromium, Total	0.108	J	mg/kg	0.400	0.038	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Copper, Total	ND		mg/kg	0.400	0.103	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Iron, Total	0.756	J	mg/kg	2.00	0.361	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Lead, Total	ND		mg/kg	2.00	0.107	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Manganese, Total	ND		mg/kg	0.400	0.064	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Potassium, Total	ND		mg/kg	100	5.76	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Silver, Total	ND		mg/kg	0.200	0.113	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Sodium, Total	2.33	J	mg/kg	80.0	1.26	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW
Zinc, Total	ND		mg/kg	2.00	0.117	1	01/28/23 06:55	01/30/23 07:52	1,6010D	EGW

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1738070-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/28/23 08:00	02/01/23 09:07	1,7471B	DMB

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1738069-2 SRM Lot Number: D116-540								
Aluminum, Total	90		-		45-155	-		
Antimony, Total	193		-		2-205	-		
Arsenic, Total	116		-		82-119	-		
Barium, Total	103		-		82-118	-		
Beryllium, Total	116		-		82-118	-		
Cadmium, Total	113		-		82-118	-		
Calcium, Total	100		-		81-119	-		
Chromium, Total	114		-		81-118	-		
Cobalt, Total	108		-		83-117	-		
Copper, Total	117		-		83-117	-		
Iron, Total	116		-		58-142	-		
Lead, Total	108		-		83-117	-		
Magnesium, Total	96		-		75-125	-		
Manganese, Total	104		-		82-118	-		
Nickel, Total	112		-		82-118	-		
Potassium, Total	95		-		68-131	-		
Selenium, Total	112		-		78-122	-		
Silver, Total	106		-		79-121	-		
Sodium, Total	100		-		71-130	-		
Thallium, Total	115		-		80-120	-		
Vanadium, Total	110		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1738069-2 SRM Lot Number: D116-540					
Zinc, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1738070-2 SRM Lot Number: D116-540					
Mercury, Total	82	-	58-142	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738069-3 QC Sample: L2304630-01 Client ID: SB36 (.5-1)												
Aluminum, Total	5690	165	6100	**248**	Q	-	-		75-125	-		20
Antimony, Total	0.713J	41.3	37.1	90		-	-		75-125	-		20
Arsenic, Total	2.03	9.9	12.0	101		-	-		75-125	-		20
Barium, Total	46.8	165	208	98		-	-		75-125	-		20
Beryllium, Total	ND	4.13	4.19	102		-	-		75-125	-		20
Cadmium, Total	ND	4.37	4.29	98		-	-		75-125	-		20
Calcium, Total	4140	825	5060	111		-	-		75-125	-		20
Chromium, Total	12.7	16.5	28.3	94		-	-		75-125	-		20
Cobalt, Total	5.86	41.3	43.1	90		-	-		75-125	-		20
Copper, Total	20.4	20.6	41.4	102		-	-		75-125	-		20
Iron, Total	12200	82.5	13000	**969**	Q	-	-		75-125	-		20
Lead, Total	19.0	43.7	59.9	94		-	-		75-125	-		20
Magnesium, Total	3700	825	4530	100		-	-		75-125	-		20
Manganese, Total	197	41.3	229	78		-	-		75-125	-		20
Nickel, Total	10.5	41.3	47.5	90		-	-		75-125	-		20
Potassium, Total	1330	825	2200	105		-	-		75-125	-		20
Selenium, Total	0.400J	9.9	9.64	97		-	-		75-125	-		20
Silver, Total	ND	24.8	22.3	90		-	-		75-125	-		20
Sodium, Total	201	825	1020	99		-	-		75-125	-		20
Thallium, Total	ND	9.9	9.31	94		-	-		75-125	-		20
Vanadium, Total	20.8	41.3	60.9	97		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738069-3 QC Sample: L2304630-01 Client ID: SB36 (.5-1)									
Zinc, Total	35.0	41.3	75.2	97	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738070-3 QC Sample: L2304630-01 Client ID: SB36 (.5-1)									
Mercury, Total	ND	1.37	1.42	103	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738069-4 QC Sample: L2304630-01 Client ID: SB36 (.5-1)						
Aluminum, Total	5690	5620	mg/kg	1		20
Antimony, Total	0.713J	0.640J	mg/kg	NC		20
Arsenic, Total	2.03	1.94	mg/kg	5		20
Barium, Total	46.8	45.2	mg/kg	3		20
Beryllium, Total	ND	0.045J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	4140	5010	mg/kg	19		20
Chromium, Total	12.7	11.8	mg/kg	7		20
Cobalt, Total	5.86	5.31	mg/kg	10		20
Copper, Total	20.4	20.9	mg/kg	2		20
Iron, Total	12200	12100	mg/kg	1		20
Lead, Total	19.0	21.2	mg/kg	11		20
Magnesium, Total	3700	3520	mg/kg	5		20
Manganese, Total	197	164	mg/kg	18		20
Nickel, Total	10.5	9.60	mg/kg	9		20
Potassium, Total	1330	1280	mg/kg	4		20
Selenium, Total	0.400J	0.330J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	201	196	mg/kg	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738069-4 QC Sample: L2304630-01 Client ID: SB36 (.5-1)					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	20.8	19.8	mg/kg	5	20
Zinc, Total	35.0	33.4	mg/kg	5	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738070-4 QC Sample: L2304630-01 Client ID: SB36 (.5-1)					
Mercury, Total	ND	0.048J	mg/kg	NC	20

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2304630
Report Date: 02/10/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738069-6 QC Sample: L2304630-01 Client ID: SB36 (.5-1)						
Aluminum, Total	5690	6170	mg/kg	8		20
Barium, Total	46.8	51.5	mg/kg	10		20
Calcium, Total	4140	4580	mg/kg	11		20
Iron, Total	12200	13500	mg/kg	11		20
Magnesium, Total	3700	3920	mg/kg	6		20
Manganese, Total	197	221	mg/kg	12		20
Vanadium, Total	20.8	22.1	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-01
Client ID: SB36 (.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:45
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	01/31/23 12:40	01/31/23 15:41	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-02
Client ID: SB36 (5.5-6)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 08:50
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	01/31/23 12:40	01/31/23 15:42	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-03
Client ID: SB37 (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 04:50	02/01/23 12:21	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-04
Client ID: SB37 (12.5-13)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 09:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.3		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.97	0.20	1	02/01/23 04:50	02/01/23 12:22	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-05
Client ID: SB38 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:00
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/01/23 04:50	02/01/23 12:23	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-06
Client ID: SB38 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 10:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.4		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 04:50	02/01/23 12:24	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-07
Client ID: SB39 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 04:50	02/01/23 12:25	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-08
Client ID: SB39 (11-11.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 11:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 04:50	02/01/23 12:31	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-09
Client ID: SB40 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:35
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/01/23 04:50	02/01/23 12:03	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

SAMPLE RESULTS

Lab ID: L2304630-10
Client ID: SB40 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 01/26/23 12:40
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	02/01/23 04:50	02/01/23 12:04	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304630
Report Date: 02/10/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1739121-1										
Cyanide, Total	ND		mg/kg	0.88	0.18	1	01/31/23 12:40	01/31/23 15:10	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 03-08 Batch: WG1739414-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	02/01/23 04:50	02/01/23 11:57	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 09-10 Batch: WG1739415-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	02/01/23 04:50	02/01/23 11:57	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1739121-2 WG1739121-3								
Cyanide, Total	**79**	Q	**77**	Q	80-120	0		35
General Chemistry - Westborough Lab Associated sample(s): 03-08 Batch: WG1739414-2 WG1739414-3								
Cyanide, Total	**78**	Q	**65**	Q	80-120	17		35
General Chemistry - Westborough Lab Associated sample(s): 09-10 Batch: WG1739415-2 WG1739415-3								
Cyanide, Total	**78**	Q	**65**	Q	80-120	17		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1739121-4 WG1739121-5 QC Sample: L2304560-15 Client ID: MS Sample												
Cyanide, Total	ND	10	9.4	94		9.1	95		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 03-08 QC Batch ID: WG1739414-4 WG1739414-5 QC Sample: L2304630-07 Client ID: SB39 (1-1.5)												
Cyanide, Total	ND	10	10	97		9.8	96		75-125	2		35
General Chemistry - Westborough Lab Associated sample(s): 09-10 QC Batch ID: WG1739415-4 WG1739415-5 QC Sample: L2305207-01 Client ID: MS Sample												
Cyanide, Total	ND	11	11	98		10	94		75-125	10		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304630

Report Date: 02/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1737958-1 QC Sample: L2304445-01 Client ID: DUP Sample						
Solids, Total	80.2	81.0	%	1		20

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304630-01A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-01B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-01C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-01D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304630-01E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2304630-01F	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-01G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304630-01H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-01X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-01Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-01Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-02A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-02B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-02C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-02D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304630-02E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2304630-02F	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304630-02G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304630-02H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-02X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-02Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-02Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-03A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-03B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-03C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-03D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304630-03E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2304630-03F	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-03G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304630-03H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-03X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-03Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-03Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-04A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-04B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-04C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-04D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304630-04E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2304630-04F	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304630-04G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304630-04H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-04X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-04Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-04Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-05A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-05B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-05C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-05D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304630-05E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2304630-05F	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-05G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304630-05H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-05X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-05Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-05Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-06A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-06B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-06C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-06D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304630-06E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2304630-06F	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304630-06G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304630-06H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-06X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-06Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-06Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-07A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-07B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-07C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-07D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304630-07E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2304630-07F	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-07G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304630-07H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-07X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-07Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-07Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-08A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-08B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-08C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-08D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304630-08E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2304630-08F	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304630-08G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304630-08H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-08X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-08Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-08Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-09A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-09B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-09C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-09D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304630-09E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2304630-09F	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-09G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304630-09H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-09X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-09Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-09Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-10A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-10B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-10C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-10D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304630-10E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2304630-10F	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304630-10G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304630-10H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304630-10X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304630-10Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)
L2304630-10Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 11:31	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304630
Report Date: 02/10/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	100 MAIN ST (MACYS)	**Lab Number:**	L2304630
Project Number:	12461	**Report Date:**	02/10/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST (MACYS)	**Lab Number:**	L2304630
Project Number:	12461	**Report Date:**	02/10/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST (MACYS)	**Lab Number:**	L2304630
Project Number:	12461	**Report Date:**	02/10/23

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	100 MAIN ST (MACYS)	**Lab Number:**	L2304630
Project Number:	12461	**Report Date:**	02/10/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 1 of 1

Date Rec'd in Lab: 1/26/23

ALPHA Job #: L2304630

Client Information
Client: SESI
Address: 959 US 46 6 3rd Fl
Parsippany, NJ 07054
Phone: 973 808 9050
Fax:
Email: jcs@sesi.org, ssg@sesi.org

Project Information
Project Name: 100 main St (Marys)
Project Location: White Plains, NY
Project #: 12461
(Use Project name as Project #)
Project Manager: Steve Gustems
ALPHAQuote #:

Turn-Around Time
Standard: [X]
Rush (only if pre approved): [ ]
Due Date: 1 week
# of Days:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
[ ] ASP-A [X] ASP-B
[X] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information
[ ] Same as Client Info
PO # Renaissance Galena Env. Mgmt LLC
Attn Kevin McMahons

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[X] NY Restricted Use [ ] Other
[X] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL TAL	1-4 Dioxane	PFAS (537.1)						Sample Specific Comments	Total Bottle
04630 - 01	SB 36 (.5-1)	1/26/23	845	Soil	TAJ	X	X	X							
-02	SB 36 (5.5-6)		850												
-03	SB 37 (0-2.5)		930												
-04	SB 37 (12.5-13)		935												
-05	SB 38 (3-3.5)		1000												
-06	SB 38 (5-5.5)		1005												
-07	SB 39 (1-1.5)		1135												
-08	SB 39 (11-11.5)		1140												
-09	SB 40 (4.5-5)		1235												
-10	SB 40 (7-7.5)		1240												

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Container Type	A	A	P						
Preservative	A	A	A						

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	1/26/23 1625		1/26/23 1625
	1/26/23 1732		1/26/23 19:36
	1/26/23 2115		1/26/23 2115
	1/26/23 2305	Wendy Morrow	1/26/23 23:05

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2304445
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	100 MAIN ST (MACYS)
Project Number:	12461
Report Date:	02/15/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2304445-01	SB31 (2-2.5)	SOIL	WHITE PLAINS NY	01/25/23 10:25	01/26/23
L2304445-02	SB31 (13-13.5)	SOIL	WHITE PLAINS NY	01/25/23 10:30	01/26/23
L2304445-03	SB32 (3-3.5)	SOIL	WHITE PLAINS NY	01/25/23 11:10	01/26/23
L2304445-04	SB32 (7.5-8)	SOIL	WHITE PLAINS NY	01/25/23 11:15	01/26/23
L2304445-05	SB33 (1-1.5)	SOIL	WHITE PLAINS NY	01/25/23 12:15	01/26/23
L2304445-06	SB33 (6-6.5)	SOIL	WHITE PLAINS NY	01/25/23 12:20	01/26/23
L2304445-07	SB34 (3-3.5)	SOIL	WHITE PLAINS NY	01/25/23 13:15	01/26/23
L2304445-08	SB34 (14-14.5)	SOIL	WHITE PLAINS NY	01/25/23 13:20	01/26/23
L2304445-09	SB35 (2-2.5)	SOIL	WHITE PLAINS NY	01/25/23 14:05	01/26/23
L2304445-10	SB35 (7-7.5)	SOIL	WHITE PLAINS NY	01/25/23 14:10	01/26/23

Project Name:	100 MAIN ST (MACYS)	**Lab Number:**	L2304445
Project Number:	12461	**Report Date:**	02/15/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445
Project Number: 12461 **Report Date:** 02/15/23

Case Narrative (continued)

Report Submission
February 15, 2023: This final report includes the results of all requested analyses.
February 01, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics
The WG1738046-2/-3 LCS/LCSD recoveries, associated with L2304445-01 through -09, -09D, and -10, are below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Perfluorinated Alkyl Acids by 1633
L2304445-03: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Total Metals
L2304445-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total
The WG1739121-2/-3 LCS/LCSD recoveries for cyanide, total (79%/77%), associated with L2304445-07 through -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.
The WG1739124-2/-3 LCS/LCSD recoveries for cyanide, total (68%/75%), associated with L2304445-01 through -04, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445
Project Number: 12461 **Report Date:** 02/15/23

Case Narrative (continued)

The WG1739414-2/-3 LCS/LCSD recoveries for cyanide, total (78%/65%), associated with L2304445-05 and -06, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 02/15/23

ORGANICS

VOLATILES

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01
Client ID: SB31 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:25
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 10:49
Analyst: AJK
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	1.3		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01 Date Collected: 01/25/23 10:25

Client ID: SB31 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	0.25	J	ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	8.5	J	ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01 Date Collected: 01/25/23 10:25

Client ID: SB31 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	9.03	J	ug/kg			1
Unknown Alkane	3.10	J	ug/kg			1
Unknown Alkane	2.66	J	ug/kg			1
Unknown Alkane	3.27	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	90		70-130

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02
Client ID: SB31 (13-13.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 11:15
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	0.98		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02 Date Collected: 01/25/23 10:30

Client ID: SB31 (13-13.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02 Date Collected: 01/25/23 10:30

Client ID: SB31 (13-13.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2.62	J	ug/kg			1
Unknown Alkane	2.62	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	92		70-130

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03
Client ID: SB32 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 11:41
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	1.0		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03 Date Collected: 01/25/23 11:10

Client ID: SB32 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	7.2	J	ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	2.5	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03 Date Collected: 01/25/23 11:10

Client ID: SB32 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	7.78	J	ug/kg			1
Unknown Alkane	2.01	J	ug/kg			1
Unknown Alkane	2.68	J	ug/kg			1
Unknown Alkane	3.09	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	93		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04
Client ID: SB32 (7.5-8)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 12:07
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	1.3		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04 Date Collected: 01/25/23 11:15

Client ID: SB32 (7.5-8) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	0.27	J	ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.77	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04 Date Collected: 01/25/23 11:15

Client ID: SB32 (7.5-8) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	93		70-130

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05
Client ID: SB33 (1-1.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 12:33
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	0.93	J	ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05 Date Collected: 01/25/23 12:15

Client ID: SB33 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	8.2	J	ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05 Date Collected: 01/25/23 12:15

Client ID: SB33 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	8.73	J	ug/kg			1
Unknown	3.83	J	ug/kg			1
Unknown	2.39	J	ug/kg			1
Unknown	2.51	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	92		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06
Client ID: SB33 (6-6.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 12:59
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06 Date Collected: 01/25/23 12:20

Client ID: SB33 (6-6.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	5.1	J	ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06 Date Collected: 01/25/23 12:20

Client ID: SB33 (6-6.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	16.9	J	ug/kg			1
Unknown Alkane	3.89	J	ug/kg			1
Unknown Alkane	4.90	J	ug/kg			1
Unknown Alkane	5.20	J	ug/kg			1
Unknown Alkane	2.91	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	91		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07
Client ID: SB34 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 13:25
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07 Date Collected: 01/25/23 13:15

Client ID: SB34 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	8.0	J	ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	2.9	J	ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07 Date Collected: 01/25/23 13:15

Client ID: SB34 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	26.2	J	ug/kg			1
Unknown Alkane	3.11	J	ug/kg			1
Unknown Alkane	10.9	J	ug/kg			1
Unknown Alkane	3.95	J	ug/kg			1
Unknown Alkane	5.34	J	ug/kg			1
Unknown Alkane	2.92	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	92		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08
Client ID: SB34 (14-14.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 13:51
Analyst: AJK
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	1.3		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08 Date Collected: 01/25/23 13:20

Client ID: SB34 (14-14.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	0.27	J	ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	6.5	J	ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08 Date Collected: 01/25/23 13:20

Client ID: SB34 (14-14.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	11.5	J	ug/kg			1
Unknown Alkane	3.00	J	ug/kg			1
Unknown	2.54	J	ug/kg			1
Unknown Alkane	3.73	J	ug/kg			1
Unknown	2.22	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	92		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09
Client ID: SB35 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 14:17
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	0.94	J	ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09 Date Collected: 01/25/23 14:05

Client ID: SB35 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	0.37	J	ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	25		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	6.2	J	ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	0.36	J	ug/kg	0.95	0.16	1
sec-Butylbenzene	0.32	J	ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	0.21	J	ug/kg	0.95	0.10	1
Naphthalene	20		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09 Date Collected: 01/25/23 14:05

Client ID: SB35 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	0.40	J	ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	0.86	J	ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	0.26	J	ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	2.6		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	281	J	ug/kg			1
Unknown	34.3	J	ug/kg			1
Unknown Naphthalene	19.0	J	ug/kg			1
Unknown	9.79	J	ug/kg			1
Unknown Naphthalene	9.65	J	ug/kg			1
Unknown	21.3	J	ug/kg			1
Unknown	9.74	J	ug/kg			1
Unknown Alkane	9.70	J	ug/kg			1
Unknown Alkane	30.2	J	ug/kg			1
Unknown Aromatic	42.7	J	ug/kg			1
Unknown Naphthalene	17.4	J	ug/kg			1
Unknown	15.9	J	ug/kg			1
Unknown	16.4	J	ug/kg			1
Unknown	17.4	J	ug/kg			1
Unknown Alkane	10.2	J	ug/kg			1
Unknown Naphthalene	17.4	J	ug/kg			1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09 Date Collected: 01/25/23 14:05

Client ID: SB35 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	92		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10
Client ID: SB35 (7-7.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/30/23 14:43
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	1.0		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10 Date Collected: 01/25/23 14:10

Client ID: SB35 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	0.26	J	ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.87	1
Acetone	7.3	J	ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.3	1
2-Butanone	2.6	J	ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10 Date Collected: 01/25/23 14:10

Client ID: SB35 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	15.5	J	ug/kg			1
Unknown Alkane	2.39	J	ug/kg			1
Unknown Alkane	3.63	J	ug/kg			1
Unknown Alkane	5.51	J	ug/kg			1
Unknown Alkane	3.98	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	91		70-130

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/23 10:23
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1738918-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/23 10:23
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1738918-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/23 10:23
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1738918-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/30/23 10:23
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1738918-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	88		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1738918-3 WG1738918-4								
Methylene chloride	79		78		70-130	1		30
1,1-Dichloroethane	93		90		70-130	3		30
Chloroform	82		81		70-130	1		30
Carbon tetrachloride	77		74		70-130	4		30
1,2-Dichloropropane	94		93		70-130	1		30
Dibromochloromethane	80		81		70-130	1		30
1,1,2-Trichloroethane	94		94		70-130	0		30
Tetrachloroethene	82		79		70-130	4		30
Chlorobenzene	87		86		70-130	1		30
Trichlorofluoromethane	79		75		70-139	5		30
1,2-Dichloroethane	84		84		70-130	0		30
1,1,1-Trichloroethane	83		80		70-130	4		30
Bromodichloromethane	81		81		70-130	0		30
trans-1,3-Dichloropropene	96		97		70-130	1		30
cis-1,3-Dichloropropene	90		88		70-130	2		30
1,1-Dichloropropene	93		90		70-130	3		30
Bromoform	79		78		70-130	1		30
1,1,2,2-Tetrachloroethane	101		101		70-130	0		30
Benzene	89		87		70-130	2		30
Toluene	90		88		70-130	2		30
Ethylbenzene	92		90		70-130	2		30
Chloromethane	114		110		52-130	4		30
Bromomethane	96		91		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1738918-3 WG1738918-4								
Vinyl chloride	96		92		67-130	4		30
Chloroethane	96		92		50-151	4		30
1,1-Dichloroethene	88		83		65-135	6		30
trans-1,2-Dichloroethene	85		81		70-130	5		30
Trichloroethene	84		82		70-130	2		30
1,2-Dichlorobenzene	86		85		70-130	1		30
1,3-Dichlorobenzene	87		86		70-130	1		30
1,4-Dichlorobenzene	86		86		70-130	0		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	90		89		70-130	1		30
o-Xylene	93		91		70-130	2		30
cis-1,2-Dichloroethene	82		80		70-130	2		30
Dibromomethane	79		79		70-130	0		30
Styrene	92		91		70-130	1		30
Dichlorodifluoromethane	104		99		30-146	5		30
Acetone	94		96		54-140	2		30
Carbon disulfide	**140**	Q	**134**	Q	59-130	4		30
2-Butanone	96		91		70-130	5		30
Vinyl acetate	105		105		70-130	0		30
4-Methyl-2-pentanone	99		100		70-130	1		30
1,2,3-Trichloropropane	102		101		68-130	1		30
2-Hexanone	102		103		70-130	1		30
Bromochloromethane	75		73		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1738918-3 WG1738918-4								
2,2-Dichloropropane	87		83		70-130	5		30
1,2-Dibromoethane	88		88		70-130	0		30
1,3-Dichloropropane	96		97		69-130	1		30
1,1,1,2-Tetrachloroethane	82		81		70-130	1		30
Bromobenzene	84		82		70-130	2		30
n-Butylbenzene	104		101		70-130	3		30
sec-Butylbenzene	99		96		70-130	3		30
tert-Butylbenzene	94		90		70-130	4		30
o-Chlorotoluene	100		97		70-130	3		30
p-Chlorotoluene	100		98		70-130	2		30
1,2-Dibromo-3-chloropropane	74		73		68-130	1		30
Hexachlorobutadiene	79		76		67-130	4		30
Isopropylbenzene	98		94		70-130	4		30
p-Isopropyltoluene	95		92		70-130	3		30
Naphthalene	87		86		70-130	1		30
Acrylonitrile	106		107		70-130	1		30
n-Propylbenzene	104		100		70-130	4		30
1,2,3-Trichlorobenzene	81		81		70-130	0		30
1,2,4-Trichlorobenzene	83		84		70-130	1		30
1,3,5-Trimethylbenzene	96		94		70-130	2		30
1,2,4-Trimethylbenzene	96		94		70-130	2		30
1,4-Dioxane	88		90		65-136	2		30
p-Diethylbenzene	96		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1738918-3 WG1738918-4								
p-Ethyltoluene	100		97		70-130	3		30
1,2,4,5-Tetramethylbenzene	95		95		70-130	0		30
Ethyl ether	99		99		67-130	0		30
trans-1,4-Dichloro-2-butene	110		111		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	107		108		70-130
4-Bromofluorobenzene	114		113		70-130
Dibromofluoromethane	90		90		70-130

SEMIVOLATILES

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01
Client ID: SB31 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:25
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 20:33
Analyst: CMM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	180		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	28	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01 Date Collected: 01/25/23 10:25

Client ID: SB31 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	120		ug/kg	120	23.	1
Benzo(a)pyrene	120	J	ug/kg	160	50.	1
Benzo(b)fluoranthene	160		ug/kg	120	35.	1
Benzo(k)fluoranthene	48	J	ug/kg	120	33.	1
Chrysene	110	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	89	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	120		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	92	J	ug/kg	160	29.	1
Pyrene	160		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	22.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01 Date Collected: 01/25/23 10:25

Client ID: SB31 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	45		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01
Client ID: SB31 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:25
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/23 14:20
Analyst: LMV
Percent Solids: 80%

Extraction Method: EPA 1633
Extraction Date: 02/09/23 05:23
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.787	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.212	J	ng/g	0.393	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
Perfluorohexanoic Acid (PFHxA)	0.165	J	ng/g	0.197	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.787	0.275	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.157	J	ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.787	0.381	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
PFOA/PFOS, Total	0.157	J	ng/g	0.197	0.051	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01 Date Collected: 01/25/23 10:25

Client ID: SB31 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	119		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	58		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	73		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02
Client ID: SB31 (13-13.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 20:10
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	220		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	46	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02 Date Collected: 01/25/23 10:30

Client ID: SB31 (13-13.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	130		ug/kg	110	20.	1
Benzo(a)pyrene	130	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	160		ug/kg	110	30.	1
Benzo(k)fluoranthene	47	J	ug/kg	110	28.	1
Chrysene	120		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	80	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	140		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	89	J	ug/kg	140	25.	1
Pyrene	190		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	24	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02 Date Collected: 01/25/23 10:30

Client ID: SB31 (13-13.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	46		10-136
4-Terphenyl-d14	45		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02
Client ID: SB31 (13-13.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/23 15:53
Analyst: LMV
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 02/09/23 05:50
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.796	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.279	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.159	J	ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.386	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
PFOA/PFOS, Total	0.159	J	ng/g	0.199	0.052	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02 Date Collected: 01/25/23 10:30

Client ID: SB31 (13-13.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	74		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	67		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	56		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	65		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03
Client ID: SB32 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 19:46
Analyst: CMM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	170		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03 Date Collected: 01/25/23 11:10

Client ID: SB32 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	96	J	ug/kg	100	19.	1
Benzo(a)pyrene	93	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	110		ug/kg	100	29.	1
Benzo(k)fluoranthene	40	J	ug/kg	100	27.	1
Chrysene	78	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	63	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	110		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	69	J	ug/kg	140	24.	1
Pyrene	160		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03 Date Collected: 01/25/23 11:10

Client ID: SB32 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	58		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03
Client ID: SB32 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/23 16:06
Analyst: LMV
Percent Solids: 95%

Extraction Method: EPA 1633
Extraction Date: 02/09/23 05:54
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.763	0.048	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.381	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.191	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.191	0.044	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.191	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.191	0.056	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.191	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.763	0.267	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.191	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.191	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.191	0.076	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.191	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.763	0.369	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.191	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.191	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.191	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.191	0.041	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.191	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.191	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.191	0.050	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.191	0.101	1
PFOA/PFOS, Total	ND		ng/g	0.191	0.050	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03 Date Collected: 01/25/23 11:10

Client ID: SB32 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**155**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	107		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	85		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04
Client ID: SB32 (7.5-8)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 19:23
Analyst: CMM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04 Date Collected: 01/25/23 11:15

Client ID: SB32 (7.5-8) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04 Date Collected: 01/25/23 11:15

Client ID: SB32 (7.5-8) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1
Tentatively Identified Compounds						
Total TIC Compounds	178	J	ug/kg			1
Unknown	178	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	65		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04
Client ID: SB32 (7.5-8)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/23 16:18
Analyst: LMV
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 02/09/23 05:54
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.774	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.387	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.194	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.194	0.045	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.194	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.194	0.057	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.194	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.774	0.271	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.194	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.194	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.194	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.194	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.774	0.375	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.194	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.194	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.194	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.194	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.194	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.194	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.194	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.194	0.103	1
PFOA/PFOS, Total	ND		ng/g	0.194	0.050	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04 Date Collected: 01/25/23 11:15

Client ID: SB32 (7.5-8) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	125		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	101		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	101		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	87		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05
Client ID: SB33 (1-1.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 18:59
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05 Date Collected: 01/25/23 12:15

Client ID: SB33 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	37	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	24	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	21	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	27	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05 Date Collected: 01/25/23 12:15

Client ID: SB33 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	60		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05
Client ID: SB33 (1-1.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/23 16:31
Analyst: LMV
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 02/09/23 05:54
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.279	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.386	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
PFOA/PFOS, Total	ND		ng/g	0.199	0.052	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05 Date Collected: 01/25/23 12:15

Client ID: SB33 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	134		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	90		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	82		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06
Client ID: SB33 (6-6.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 18:36
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	350		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	33	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06 Date Collected: 01/25/23 12:20

Client ID: SB33 (6-6.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	200		ug/kg	100	20.	1
Benzo(a)pyrene	200		ug/kg	140	43.	1
Benzo(b)fluoranthene	250		ug/kg	100	29.	1
Benzo(k)fluoranthene	77	J	ug/kg	100	28.	1
Chrysene	190		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	46	J	ug/kg	100	34.	1
Benzo(ghi)perylene	120	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	210		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	29	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	140		ug/kg	140	24.	1
Pyrene	320		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	17	J	ug/kg	180	16.	1
2-Methylnaphthalene	25	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06 Date Collected: 01/25/23 12:20

Client ID: SB33 (6-6.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	20	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	53		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06
Client ID: SB33 (6-6.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/23 16:44
Analyst: LMV
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 02/09/23 06:06
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.795	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.795	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.111	J	ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.795	0.385	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
PFOA/PFOS, Total	0.111	J	ng/g	0.199	0.052	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06 Date Collected: 01/25/23 12:20

Client ID: SB33 (6-6.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	105		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	92		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	82		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07
Client ID: SB34 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 18:12
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	39	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	490		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	21	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07 Date Collected: 01/25/23 13:15

Client ID: SB34 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	260		ug/kg	100	20.	1
Benzo(a)pyrene	250		ug/kg	140	42.	1
Benzo(b)fluoranthene	310		ug/kg	100	29.	1
Benzo(k)fluoranthene	96	J	ug/kg	100	28.	1
Chrysene	250		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	85	J	ug/kg	100	34.	1
Benzo(ghi)perylene	160		ug/kg	140	20.	1
Fluorene	29	J	ug/kg	170	17.	1
Phenanthrene	400		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	35	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	140	24.	1
Pyrene	460		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	19	J	ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07 Date Collected: 01/25/23 13:15

Client ID: SB34 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	34	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	169	J	ug/kg			1
Unknown PAH	169	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	56		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07
Client ID: SB34 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/23 16:57
Analyst: LMV
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 02/09/23 06:08
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.795	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.795	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.795	0.385	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
PFOA/PFOS, Total	ND		ng/g	0.199	0.052	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07 Date Collected: 01/25/23 13:15

Client ID: SB34 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	97		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	80		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	126		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	101		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	77		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08
Client ID: SB34 (14-14.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 20:56
Analyst: CMM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08 Date Collected: 01/25/23 13:20

Client ID: SB34 (14-14.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08 Date Collected: 01/25/23 13:20

Client ID: SB34 (14-14.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	56		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08
Client ID: SB34 (14-14.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/23 17:10
Analyst: LMV
Percent Solids: 97%

Extraction Method: EPA 1633
Extraction Date: 02/09/23 06:10
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.782	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.391	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.195	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.195	0.045	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.195	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.195	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.195	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.782	0.274	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.195	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.195	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.195	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.195	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.782	0.378	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.195	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.195	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.195	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.195	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.195	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.195	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.195	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.195	0.104	1
PFOA/PFOS, Total	ND		ng/g	0.195	0.051	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08 Date Collected: 01/25/23 13:20

Client ID: SB34 (14-14.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	114		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09
Client ID: SB35 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/01/23 10:01
Analyst: LJG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	750		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	15000	E	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	770		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09 Date Collected: 01/25/23 14:05

Client ID: SB35 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	7200	E	ug/kg	110	20.	1
Benzo(a)pyrene	7300	E	ug/kg	140	44.	1
Benzo(b)fluoranthene	7700	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	2600		ug/kg	110	28.	1
Chrysene	6700		ug/kg	110	18.	1
Acenaphthylene	1800		ug/kg	140	28.	1
Anthracene	2800		ug/kg	110	35.	1
Benzo(ghi)perylene	3300		ug/kg	140	21.	1
Fluorene	1600		ug/kg	180	17.	1
Phenanthrene	11000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	910		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	4100		ug/kg	140	25.	1
Pyrene	14000	E	ug/kg	110	18.	1
Biphenyl	160	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	670		ug/kg	180	17.	1
2-Methylnaphthalene	630		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	42	J	ug/kg	260	28.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09 Date Collected: 01/25/23 14:05

Client ID: SB35 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	800		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	41400	J	ug/kg			1
Unknown PAH	1740	J	ug/kg			1
Unknown PAH	3550	J	ug/kg			1
Unknown Alkane	2080	J	ug/kg			1
Unknown Alkane	2430	J	ug/kg			1
Unknown	2820	J	ug/kg			1
Unknown Alkane	2080	J	ug/kg			1
Unknown Naphthalene	2810	J	ug/kg			1
Unknown PAH	3380	J	ug/kg			1
Unknown	6110	J	ug/kg			1
Unknown PAH	3740	J	ug/kg			1
Unknown Thiophene	1690	J	ug/kg			1
Unknown Alkane	1720	J	ug/kg			1
Unknown Alkane	1350	J	ug/kg			1
Unknown	4520	J	ug/kg			1
Unknown	1330	J	ug/kg			1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09 Date Collected: 01/25/23 14:05

Client ID: SB35 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	65		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09
Client ID: SB35 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/23 17:23
Analyst: LMV
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 02/09/23 06:12
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.198	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.198	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.384	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.106	1
PFOA/PFOS, Total	ND		ng/g	0.198	0.052	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09 Date Collected: 01/25/23 14:05

Client ID: SB35 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09 D
Client ID: SB35 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/01/23 11:12
Analyst: LJG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	16000		ug/kg	530	100	5
Benzo(a)anthracene	7300		ug/kg	530	100	5
Benzo(a)pyrene	7400		ug/kg	710	220	5
Benzo(b)fluoranthene	7900		ug/kg	530	150	5
Phenanthrene	12000		ug/kg	530	110	5
Pyrene	15000		ug/kg	530	89.	5

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10
Client ID: SB35 (7-7.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/29/23 21:43
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 02:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	40	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	520		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	39	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10 Date Collected: 01/25/23 14:10

Client ID: SB35 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	290		ug/kg	110	20.	1
Benzo(a)pyrene	270		ug/kg	140	43.	1
Benzo(b)fluoranthene	320		ug/kg	110	30.	1
Benzo(k)fluoranthene	89	J	ug/kg	110	28.	1
Chrysene	280		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	110		ug/kg	110	34.	1
Benzo(ghi)perylene	170		ug/kg	140	21.	1
Fluorene	33	J	ug/kg	180	17.	1
Phenanthrene	520		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	140	25.	1
Pyrene	480		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	32	J	ug/kg	180	17.	1
2-Methylnaphthalene	22	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10 Date Collected: 01/25/23 14:10

Client ID: SB35 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	44	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	355	J	ug/kg			1
Unknown Organic Acid	180	J	ug/kg			1
Unknown PAH	175	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	48		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10
Client ID: SB35 (7-7.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 02/10/23 17:36
Analyst: LMV
Percent Solids: 94%

Extraction Method: EPA 1633
Extraction Date: 02/09/23 06:14
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.399	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.279	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.386	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
PFOA/PFOS, Total	ND		ng/g	0.199	0.052	1

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10 Date Collected: 01/25/23 14:10

Client ID: SB35 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	126		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70		20-150

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/28/23 01:02
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 01/27/23 11:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1738046-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/28/23 01:02
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 01/27/23 11:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1738046-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/28/23 01:02
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 01/27/23 11:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1738046-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	77		18-120

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/10/23 11:46
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 02/09/23 05:23
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-10 Batch: WG1742473-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
PFOA/PFOS, Total	ND		ng/g	0.200	0.052

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 02/10/23 11:46
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 02/09/23 05:23
Cleanup Method: EPA 1633
Cleanup Date: 02/09/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-10 Batch: WG1742473-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	141		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	102		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	100		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1738046-2 WG1738046-3								
Acenaphthene	65		60		31-137	8		50
1,2,4-Trichlorobenzene	71		65		38-107	9		50
Hexachlorobenzene	71		65		40-140	9		50
Bis(2-chloroethyl)ether	64		60		40-140	6		50
2-Chloronaphthalene	74		68		40-140	8		50
1,2-Dichlorobenzene	61		56		40-140	9		50
1,3-Dichlorobenzene	62		56		40-140	10		50
1,4-Dichlorobenzene	61		55		28-104	10		50
3,3'-Dichlorobenzidine	51		48		40-140	6		50
2,4-Dinitrotoluene	72		66		40-132	9		50
2,6-Dinitrotoluene	77		68		40-140	12		50
Fluoranthene	72		68		40-140	6		50
4-Chlorophenyl phenyl ether	76		68		40-140	11		50
4-Bromophenyl phenyl ether	71		65		40-140	9		50
Bis(2-chloroisopropyl)ether	71		64		40-140	10		50
Bis(2-chloroethoxy)methane	68		62		40-117	9		50
Hexachlorobutadiene	71		62		40-140	14		50
Hexachlorocyclopentadiene	72		70		40-140	3		50
Hexachloroethane	61		55		40-140	10		50
Isophorone	66		60		40-140	10		50
Naphthalene	64		60		40-140	6		50
Nitrobenzene	67		60		40-140	11		50
NDPA/DPA	74		65		36-157	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1738046-2 WG1738046-3								
n-Nitrosodi-n-propylamine	68		64		32-121	6		50
Bis(2-ethylhexyl)phthalate	68		63		40-140	8		50
Butyl benzyl phthalate	74		68		40-140	8		50
Di-n-butylphthalate	71		66		40-140	7		50
Di-n-octylphthalate	70		65		40-140	7		50
Diethyl phthalate	71		65		40-140	9		50
Dimethyl phthalate	77		69		40-140	11		50
Benzo(a)anthracene	70		64		40-140	9		50
Benzo(a)pyrene	70		64		40-140	9		50
Benzo(b)fluoranthene	68		62		40-140	9		50
Benzo(k)fluoranthene	70		64		40-140	9		50
Chrysene	69		62		40-140	11		50
Acenaphthylene	75		67		40-140	11		50
Anthracene	67		63		40-140	6		50
Benzo(ghi)perylene	68		61		40-140	11		50
Fluorene	70		64		40-140	9		50
Phenanthrene	66		60		40-140	10		50
Dibenzo(a,h)anthracene	71		64		40-140	10		50
Indeno(1,2,3-cd)pyrene	75		68		40-140	10		50
Pyrene	72		68		35-142	6		50
Biphenyl	73		65		37-127	12		50
4-Chloroaniline	79		71		40-140	11		50
2-Nitroaniline	71		67		47-134	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1738046-2 WG1738046-3								
3-Nitroaniline	59		53		26-129	11		50
4-Nitroaniline	70		65		41-125	7		50
Dibenzofuran	71		63		40-140	12		50
2-Methylnaphthalene	70		62		40-140	12		50
1,2,4,5-Tetrachlorobenzene	75		70		40-117	7		50
Acetophenone	70		65		14-144	7		50
2,4,6-Trichlorophenol	79		72		30-130	9		50
p-Chloro-m-cresol	77		70		26-103	10		50
2-Chlorophenol	67		61		25-102	9		50
2,4-Dichlorophenol	74		68		30-130	8		50
2,4-Dimethylphenol	71		62		30-130	14		50
2-Nitrophenol	70		61		30-130	14		50
4-Nitrophenol	83		77		11-114	8		50
2,4-Dinitrophenol	55		50		4-130	10		50
4,6-Dinitro-o-cresol	83		73		10-130	13		50
Pentachlorophenol	74		65		17-109	13		50
Phenol	66		61		26-90	8		50
2-Methylphenol	67		62		30-130.	8		50
3-Methylphenol/4-Methylphenol	75		69		30-130	8		50
2,4,5-Trichlorophenol	83		76		30-130	9		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	74		66		40-140	11		50
Carbazole	69		63		54-128	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1738046-2 WG1738046-3								
1,4-Dioxane	46		42		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		62		25-120
Phenol-d6	68		61		10-120
Nitrobenzene-d5	67		61		23-120
2-Fluorobiphenyl	73		67		30-120
2,4,6-Tribromophenol	65		58		10-136
4-Terphenyl-d14	72		67		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-10 Batch: WG1742473-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	110		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	95		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	102		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	105		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	98		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	105		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	128		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	110		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	100		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	105		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	80		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	125		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	115		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	98		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	100		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-10 Batch: WG1742473-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	68				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	104				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-10 Batch: WG1742473-3								
Perfluorobutanoic Acid (PFBA)	111		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	114		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	115		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	107		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	117		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	116		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	120		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	141		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	114		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	127		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	102		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	127		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	110		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	116		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	114		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	126		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	96		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	107		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-10 Batch: WG1742473-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	73				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	68				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	137				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	102				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	92				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80				20-150

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1742473-4 WG1742473-5 QC Sample: L2304445-01 Client ID: SB31 (2-2.5)												
Perfluorobutanoic Acid (PFBA)	ND	7.92	8.53	108		8.71	111		40-150	2		30
Perfluoropentanoic Acid (PFPeA)	0.212J	3.96	4.28	103		4.36	106		40-150	2		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.76	2.07	118		1.97	113		40-150	5		30
Perfluorohexanoic Acid (PFHxA)	0.165J	1.98	2.22	104		2.39	113		40-150	7		30
Perfluoroheptanoic Acid (PFHpA)	ND	1.98	2.14	108		2.18	111		40-150	2		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.81	1.92	106		1.90	106		40-150	1		30
Perfluorooctanoic Acid (PFOA)	ND	1.98	2.13	108		2.23	114		40-150	5		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.52	8.10	108		8.26	111		40-150	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.89	2.10	111		2.06	110		40-150	2		30
Perfluorononanoic Acid (PFNA)	ND	1.98	2.40	121		2.39	122		40-150	0		30
Perfluorooctanesulfonic Acid (PFOS)	0.157J	1.84	2.02	101		1.95	99		40-150	4		30
Perfluorodecanoic Acid (PFDA)	ND	1.98	2.16	109		2.07	106		40-150	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.6	8.63	114		8.80	117		40-150	2		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.98	1.96	99		1.97	100		40-150	1		30
Perfluoroundecanoic Acid (PFUnA)	ND	1.98	2.26	114		2.16	110		40-150	5		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.91	1.87	98		1.86	98		40-150	1		30
Perfluorooctanesulfonamide (PFOSA)	ND	1.98	2.16	109		2.21	113		40-150	2		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.98	2.26	114		2.24	114		40-150	1		30
Perfluorododecanoic Acid (PFDoA)	ND	1.98	2.49	126		2.16	110		40-150	14		30
Perfluorotridecanoic Acid (PFTrDA)	ND	1.98	2.07	105		1.99	102		40-150	4		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.98	2.27	115		2.27	116		40-150	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1742473-4 WG1742473-5 QC Sample: L2304445-01 Client ID: SB31 (2-2.5)

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		84		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77		83		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	138		115		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		89		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63		65		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		94		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		96		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85		94		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		92		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90		86		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		76		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	65		66		20-150
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		92		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		88		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		80		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92		98		20-150

PCBS

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01
Client ID: SB31 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:25
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 09:41
Analyst: JM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.5	3.51	1	A
Aroclor 1221	ND		ug/kg	39.5	3.96	1	A
Aroclor 1232	ND		ug/kg	39.5	8.38	1	A
Aroclor 1242	ND		ug/kg	39.5	5.33	1	A
Aroclor 1248	ND		ug/kg	39.5	5.93	1	A
Aroclor 1254	ND		ug/kg	39.5	4.32	1	A
Aroclor 1260	ND		ug/kg	39.5	7.30	1	B
Aroclor 1262	ND		ug/kg	39.5	5.02	1	A
Aroclor 1268	ND		ug/kg	39.5	4.10	1	A
PCBs, Total	ND		ug/kg	39.5	3.51	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02
Client ID: SB31 (13-13.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 09:49
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.49	1	A
Aroclor 1232	ND		ug/kg	34.9	7.39	1	A
Aroclor 1242	ND		ug/kg	34.9	4.70	1	A
Aroclor 1248	ND		ug/kg	34.9	5.23	1	A
Aroclor 1254	ND		ug/kg	34.9	3.81	1	A
Aroclor 1260	ND		ug/kg	34.9	6.44	1	A
Aroclor 1262	ND		ug/kg	34.9	4.43	1	A
Aroclor 1268	ND		ug/kg	34.9	3.61	1	A
PCBs, Total	ND		ug/kg	34.9	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03
Client ID: SB32 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 09:57
Analyst: JM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.3	2.95	1	A
Aroclor 1221	ND		ug/kg	33.3	3.33	1	A
Aroclor 1232	ND		ug/kg	33.3	7.05	1	A
Aroclor 1242	ND		ug/kg	33.3	4.48	1	A
Aroclor 1248	ND		ug/kg	33.3	4.99	1	A
Aroclor 1254	ND		ug/kg	33.3	3.64	1	A
Aroclor 1260	ND		ug/kg	33.3	6.15	1	A
Aroclor 1262	ND		ug/kg	33.3	4.23	1	A
Aroclor 1268	ND		ug/kg	33.3	3.45	1	A
PCBs, Total	ND		ug/kg	33.3	2.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04
Client ID: SB32 (7.5-8)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 10:04
Analyst: JM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.2	3.57	1	A
Aroclor 1221	ND		ug/kg	40.2	4.03	1	A
Aroclor 1232	ND		ug/kg	40.2	8.53	1	A
Aroclor 1242	ND		ug/kg	40.2	5.42	1	A
Aroclor 1248	ND		ug/kg	40.2	6.04	1	A
Aroclor 1254	ND		ug/kg	40.2	4.40	1	A
Aroclor 1260	ND		ug/kg	40.2	7.44	1	A
Aroclor 1262	ND		ug/kg	40.2	5.11	1	A
Aroclor 1268	ND		ug/kg	40.2	4.17	1	A
PCBs, Total	ND		ug/kg	40.2	3.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05
Client ID: SB33 (1-1.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 10:12
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.4	2.97	1	A
Aroclor 1221	ND		ug/kg	33.4	3.35	1	A
Aroclor 1232	ND		ug/kg	33.4	7.09	1	A
Aroclor 1242	ND		ug/kg	33.4	4.51	1	A
Aroclor 1248	ND		ug/kg	33.4	5.01	1	A
Aroclor 1254	ND		ug/kg	33.4	3.66	1	B
Aroclor 1260	ND		ug/kg	33.4	6.18	1	A
Aroclor 1262	ND		ug/kg	33.4	4.24	1	A
Aroclor 1268	ND		ug/kg	33.4	3.46	1	A
PCBs, Total	ND		ug/kg	33.4	2.97	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06
Client ID: SB33 (6-6.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 10:21
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.4	2.97	1	A
Aroclor 1221	ND		ug/kg	33.4	3.35	1	A
Aroclor 1232	ND		ug/kg	33.4	7.09	1	A
Aroclor 1242	ND		ug/kg	33.4	4.50	1	A
Aroclor 1248	ND		ug/kg	33.4	5.01	1	A
Aroclor 1254	59.6		ug/kg	33.4	3.66	1	B
Aroclor 1260	ND		ug/kg	33.4	6.18	1	A
Aroclor 1262	ND		ug/kg	33.4	4.24	1	A
Aroclor 1268	ND		ug/kg	33.4	3.46	1	A
PCBs, Total	59.6		ug/kg	33.4	2.97	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07
Client ID: SB34 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 10:29
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.48	1	A
Aroclor 1232	ND		ug/kg	34.8	7.38	1	A
Aroclor 1242	ND		ug/kg	34.8	4.69	1	A
Aroclor 1248	ND		ug/kg	34.8	5.22	1	A
Aroclor 1254	ND		ug/kg	34.8	3.80	1	A
Aroclor 1260	16.5	J	ug/kg	34.8	6.43	1	A
Aroclor 1262	ND		ug/kg	34.8	4.42	1	A
Aroclor 1268	8.63	J	ug/kg	34.8	3.60	1	B
PCBs, Total	25.1	J	ug/kg	34.8	3.09	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08
Client ID: SB34 (14-14.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 10:37
Analyst: JM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	32.5	2.89	1	A
Aroclor 1221	ND		ug/kg	32.5	3.26	1	A
Aroclor 1232	ND		ug/kg	32.5	6.90	1	A
Aroclor 1242	ND		ug/kg	32.5	4.38	1	A
Aroclor 1248	ND		ug/kg	32.5	4.88	1	A
Aroclor 1254	ND		ug/kg	32.5	3.56	1	A
Aroclor 1260	ND		ug/kg	32.5	6.01	1	A
Aroclor 1262	ND		ug/kg	32.5	4.13	1	A
Aroclor 1268	ND		ug/kg	32.5	3.37	1	A
PCBs, Total	ND		ug/kg	32.5	2.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09
Client ID: SB35 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 10:45
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.4	3.05	1	A
Aroclor 1221	ND		ug/kg	34.4	3.44	1	A
Aroclor 1232	ND		ug/kg	34.4	7.29	1	A
Aroclor 1242	ND		ug/kg	34.4	4.63	1	A
Aroclor 1248	ND		ug/kg	34.4	5.16	1	A
Aroclor 1254	28.8	J	ug/kg	34.4	3.76	1	B
Aroclor 1260	8.16	J	ug/kg	34.4	6.35	1	A
Aroclor 1262	ND		ug/kg	34.4	4.37	1	A
Aroclor 1268	ND		ug/kg	34.4	3.56	1	B
PCBs, Total	37.0	J	ug/kg	34.4	3.05	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10
Client ID: SB35 (7-7.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/30/23 10:53
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.6	2.99	1	A
Aroclor 1221	ND		ug/kg	33.6	3.37	1	A
Aroclor 1232	ND		ug/kg	33.6	7.13	1	A
Aroclor 1242	ND		ug/kg	33.6	4.53	1	A
Aroclor 1248	ND		ug/kg	33.6	5.04	1	A
Aroclor 1254	ND		ug/kg	33.6	3.68	1	A
Aroclor 1260	ND		ug/kg	33.6	6.22	1	A
Aroclor 1262	ND		ug/kg	33.6	4.27	1	A
Aroclor 1268	ND		ug/kg	33.6	3.48	1	A
PCBs, Total	ND		ug/kg	33.6	2.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/30/23 09:17
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 01/28/23 08:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG1738312-1						
Aroclor 1016	ND		ug/kg	32.8	2.91	A
Aroclor 1221	ND		ug/kg	32.8	3.28	A
Aroclor 1232	ND		ug/kg	32.8	6.95	A
Aroclor 1242	ND		ug/kg	32.8	4.42	A
Aroclor 1248	ND		ug/kg	32.8	4.91	A
Aroclor 1254	ND		ug/kg	32.8	3.58	A
Aroclor 1260	ND		ug/kg	32.8	6.06	A
Aroclor 1262	ND		ug/kg	32.8	4.16	A
Aroclor 1268	ND		ug/kg	32.8	3.39	A
PCBs, Total	ND		ug/kg	32.8	2.91	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1738312-2 WG1738312-3									
Aroclor 1016	88		83		40-140	6		50	A
Aroclor 1260	47		44		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		88		30-150	A
Decachlorobiphenyl	51		47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		97		30-150	B
Decachlorobiphenyl	66		62		30-150	B

PESTICIDES

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01
Client ID: SB31 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:25
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 12:17
Analyst: MEO
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.373	1	A
Lindane	ND		ug/kg	0.793	0.354	1	A
Alpha-BHC	ND		ug/kg	0.793	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.722	1	A
Heptachlor	ND		ug/kg	0.952	0.427	1	A
Aldrin	ND		ug/kg	1.90	0.670	1	A
Heptachlor epoxide	ND		ug/kg	3.57	1.07	1	A
Endrin	ND		ug/kg	0.793	0.325	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.833	1	A
Endrin ketone	ND		ug/kg	1.90	0.490	1	A
Dieldrin	ND		ug/kg	1.19	0.595	1	A
4,4'-DDE	1.45	J	ug/kg	1.90	0.440	1	B
4,4'-DDD	ND		ug/kg	1.90	0.679	1	A
4,4'-DDT	3.55	P	ug/kg	1.90	1.53	1	B
Endosulfan I	ND		ug/kg	1.90	0.450	1	A
Endosulfan II	ND		ug/kg	1.90	0.636	1	A
Endosulfan sulfate	ND		ug/kg	0.793	0.378	1	A
Methoxychlor	ND		ug/kg	3.57	1.11	1	A
Toxaphene	ND		ug/kg	35.7	9.99	1	A
cis-Chlordane	2.32	J	ug/kg	2.38	0.663	1	B
trans-Chlordane	2.46		ug/kg	2.38	0.628	1	B
Chlordane	ND		ug/kg	15.9	6.30	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01 Date Collected: 01/25/23 10:25

Client ID: SB31 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02
Client ID: SB31 (13-13.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 12:30
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	1.20	J	ug/kg	1.66	0.385	1	A
4,4'-DDD	0.686	J	ug/kg	1.66	0.593	1	B
4,4'-DDT	5.03		ug/kg	1.66	1.34	1	B
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	2.00	J	ug/kg	2.08	0.580	1	B
trans-Chlordane	2.35		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.9	5.51	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02 Date Collected: 01/25/23 10:30

Client ID: SB31 (13-13.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03
Client ID: SB32 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 12:42
Analyst: MEO
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.944	1	A
Endrin	ND		ug/kg	0.699	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	0.400	J	ug/kg	1.68	0.388	1	B
4,4'-DDD	ND		ug/kg	1.68	0.598	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	B
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.14	0.978	1	A
Toxaphene	ND		ug/kg	31.4	8.81	1	A
cis-Chlordane	1.04	J	ug/kg	2.10	0.584	1	A
trans-Chlordane	1.56	J	ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03 Date Collected: 01/25/23 11:10

Client ID: SB32 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: 100 MAIN ST (MACYS)
Lab Number: L2304445
Project Number: 12461
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04
Client ID: SB32 (7.5-8)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 12:55
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.375	1	A
Lindane	ND		ug/kg	0.798	0.357	1	A
Alpha-BHC	ND		ug/kg	0.798	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.726	1	A
Heptachlor	ND		ug/kg	0.958	0.429	1	A
Aldrin	ND		ug/kg	1.92	0.674	1	A
Heptachlor epoxide	ND		ug/kg	3.59	1.08	1	A
Endrin	ND		ug/kg	0.798	0.327	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.838	1	A
Endrin ketone	ND		ug/kg	1.92	0.493	1	A
Dieldrin	ND		ug/kg	1.20	0.598	1	A
4,4'-DDE	ND		ug/kg	1.92	0.443	1	A
4,4'-DDD	ND		ug/kg	1.92	0.683	1	A
4,4'-DDT	ND		ug/kg	1.92	1.54	1	A
Endosulfan I	ND		ug/kg	1.92	0.452	1	A
Endosulfan II	ND		ug/kg	1.92	0.640	1	A
Endosulfan sulfate	ND		ug/kg	0.798	0.380	1	A
Methoxychlor	ND		ug/kg	3.59	1.12	1	A
Toxaphene	ND		ug/kg	35.9	10.0	1	A
cis-Chlordane	ND		ug/kg	2.39	0.667	1	A
trans-Chlordane	ND		ug/kg	2.39	0.632	1	A
Chlordane	ND		ug/kg	16.0	6.34	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04 Date Collected: 01/25/23 11:15

Client ID: SB32 (7.5-8) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	123		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05
Client ID: SB33 (1-1.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 13:07
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.845	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.951	1	A
Endrin	ND		ug/kg	0.704	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.740	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.603	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.88	1	A
cis-Chlordane	ND		ug/kg	2.11	0.589	1	A
trans-Chlordane	ND		ug/kg	2.11	0.558	1	A
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05 Date Collected: 01/25/23 12:15

Client ID: SB33 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	109		30-150	B

Project Name: 100 MAIN ST (MACYS)
Lab Number: L2304445
Project Number: 12461
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06
Client ID: SB33 (6-6.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 13:20
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.61	0.315	1	A
Lindane	ND		ug/kg	0.669	0.299	1	A
Alpha-BHC	ND		ug/kg	0.669	0.190	1	A
Beta-BHC	ND		ug/kg	1.61	0.609	1	A
Heptachlor	ND		ug/kg	0.803	0.360	1	A
Aldrin	ND		ug/kg	1.61	0.566	1	A
Heptachlor epoxide	ND		ug/kg	3.01	0.904	1	A
Endrin	ND		ug/kg	0.669	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.01	0.703	1	A
Endrin ketone	ND		ug/kg	1.61	0.414	1	A
Dieldrin	ND		ug/kg	1.00	0.502	1	A
4,4'-DDE	ND		ug/kg	1.61	0.371	1	A
4,4'-DDD	ND		ug/kg	1.61	0.573	1	A
4,4'-DDT	ND		ug/kg	1.61	1.29	1	A
Endosulfan I	ND		ug/kg	1.61	0.380	1	A
Endosulfan II	ND		ug/kg	1.61	0.537	1	A
Endosulfan sulfate	ND		ug/kg	0.669	0.319	1	A
Methoxychlor	ND		ug/kg	3.01	0.937	1	A
Toxaphene	ND		ug/kg	30.1	8.43	1	A
cis-Chlordane	ND		ug/kg	2.01	0.560	1	A
trans-Chlordane	ND		ug/kg	2.01	0.530	1	A
Chlordane	ND		ug/kg	13.4	5.32	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06 Date Collected: 01/25/23 12:20

Client ID: SB33 (6-6.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	122		30-150	B

Project Name: 100 MAIN ST (MACYS)
Lab Number: L2304445
Project Number: 12461
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07
Client ID: SB34 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 13:33
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.318	1	A
Lindane	ND		ug/kg	0.677	0.302	1	A
Alpha-BHC	ND		ug/kg	0.677	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.616	1	A
Heptachlor	ND		ug/kg	0.812	0.364	1	A
Aldrin	ND		ug/kg	1.62	0.572	1	A
Heptachlor epoxide	ND		ug/kg	3.04	0.914	1	A
Endrin	ND		ug/kg	0.677	0.277	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.710	1	A
Endrin ketone	ND		ug/kg	1.62	0.418	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	3.24		ug/kg	1.62	0.376	1	B
4,4'-DDD	1.58	J	ug/kg	1.62	0.579	1	A
4,4'-DDT	ND	IP	ug/kg	1.62	1.31	1	A
Endosulfan I	ND		ug/kg	1.62	0.384	1	A
Endosulfan II	ND		ug/kg	1.62	0.543	1	A
Endosulfan sulfate	ND		ug/kg	0.677	0.322	1	A
Methoxychlor	ND		ug/kg	3.04	0.947	1	A
Toxaphene	ND		ug/kg	30.4	8.53	1	A
cis-Chlordane	ND		ug/kg	2.03	0.566	1	A
trans-Chlordane	ND		ug/kg	2.03	0.536	1	A
Chlordane	ND		ug/kg	13.5	5.38	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07 Date Collected: 01/25/23 13:15

Client ID: SB34 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**169**	Q	30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08
Client ID: SB34 (14-14.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 13:45
Analyst: MEO
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.55	0.303	1	A
Lindane	ND		ug/kg	0.645	0.288	1	A
Alpha-BHC	ND		ug/kg	0.645	0.183	1	A
Beta-BHC	ND		ug/kg	1.55	0.587	1	A
Heptachlor	ND		ug/kg	0.774	0.347	1	A
Aldrin	ND		ug/kg	1.55	0.545	1	A
Heptachlor epoxide	ND		ug/kg	2.90	0.871	1	A
Endrin	ND		ug/kg	0.645	0.264	1	A
Endrin aldehyde	ND		ug/kg	1.94	0.677	1	A
Endrin ketone	ND		ug/kg	1.55	0.399	1	A
Dieldrin	ND		ug/kg	0.968	0.484	1	A
4,4'-DDE	ND		ug/kg	1.55	0.358	1	A
4,4'-DDD	ND		ug/kg	1.55	0.552	1	A
4,4'-DDT	ND		ug/kg	1.55	1.24	1	A
Endosulfan I	ND		ug/kg	1.55	0.366	1	A
Endosulfan II	ND		ug/kg	1.55	0.517	1	A
Endosulfan sulfate	ND		ug/kg	0.645	0.307	1	A
Methoxychlor	ND		ug/kg	2.90	0.903	1	A
Toxaphene	ND		ug/kg	29.0	8.13	1	A
cis-Chlordane	ND		ug/kg	1.94	0.539	1	A
trans-Chlordane	ND		ug/kg	1.94	0.511	1	A
Chlordane	ND		ug/kg	12.9	5.13	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08 Date Collected: 01/25/23 13:20

Client ID: SB34 (14-14.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: 100 MAIN ST (MACYS)
Lab Number: L2304445
Project Number: 12461
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09
Client ID: SB35 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 13:58
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.633	1	A
Heptachlor	ND		ug/kg	0.835	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.940	1	A
Endrin	ND		ug/kg	0.696	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.731	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	2.09		ug/kg	1.67	0.386	1	A
4,4'-DDD	2.38		ug/kg	1.67	0.596	1	B
4,4'-DDT	ND		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.974	1	A
Toxaphene	ND		ug/kg	31.3	8.77	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.551	1	A
Chlordane	ND		ug/kg	13.9	5.53	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09 Date Collected: 01/25/23 14:05

Client ID: SB35 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	**182**	Q	30-150	B

Project Name: 100 MAIN ST (MACYS)
Lab Number: L2304445
Project Number: 12461
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10
Client ID: SB35 (7-7.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/29/23 14:10
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.317	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.852	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.958	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.745	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.532	1	A
4,4'-DDE	ND		ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.569	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.19	0.994	1	A
Toxaphene	ND		ug/kg	31.9	8.94	1	A
cis-Chlordane	ND		ug/kg	2.13	0.593	1	A
trans-Chlordane	ND		ug/kg	2.13	0.562	1	A
Chlordane	ND		ug/kg	14.2	5.64	1	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10 Date Collected: 01/25/23 14:10

Client ID: SB35 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/29/23 11:40
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1738354-1						
Delta-BHC	ND		ug/kg	1.51	0.295	A
Lindane	ND		ug/kg	0.628	0.281	A
Alpha-BHC	ND		ug/kg	0.628	0.178	A
Beta-BHC	ND		ug/kg	1.51	0.572	A
Heptachlor	ND		ug/kg	0.754	0.338	A
Aldrin	ND		ug/kg	1.51	0.531	A
Heptachlor epoxide	ND		ug/kg	2.83	0.848	A
Endrin	ND		ug/kg	0.628	0.258	A
Endrin aldehyde	ND		ug/kg	1.88	0.660	A
Endrin ketone	ND		ug/kg	1.51	0.388	A
Dieldrin	ND		ug/kg	0.942	0.471	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.538	A
4,4'-DDT	ND		ug/kg	1.51	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.356	A
Endosulfan II	ND		ug/kg	1.51	0.504	A
Endosulfan sulfate	ND		ug/kg	0.628	0.299	A
Methoxychlor	ND		ug/kg	2.83	0.879	A
Toxaphene	ND		ug/kg	28.3	7.91	A
cis-Chlordane	ND		ug/kg	1.88	0.525	A
trans-Chlordane	ND		ug/kg	1.88	0.497	A
Chlordane	ND		ug/kg	12.6	4.99	A

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/29/23 11:40
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 01/28/23 11:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/29/23
Cleanup Method: EPA 3660B
Cleanup Date: 01/29/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1738354-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	115		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1738354-2 WG1738354-3									
Delta-BHC	83		81		30-150	2		30	A
Lindane	84		87		30-150	4		30	A
Alpha-BHC	95		94		30-150	1		30	A
Beta-BHC	95		96		30-150	1		30	A
Heptachlor	97		96		30-150	1		30	A
Aldrin	90		88		30-150	2		30	A
Heptachlor epoxide	82		78		30-150	5		30	A
Endrin	96		94		30-150	2		30	A
Endrin aldehyde	69		73		30-150	6		30	A
Endrin ketone	97		99		30-150	2		30	A
Dieldrin	99		97		30-150	2		30	A
4,4'-DDE	94		92		30-150	2		30	A
4,4'-DDD	103		102		30-150	1		30	A
4,4'-DDT	99		96		30-150	3		30	A
Endosulfan I	90		88		30-150	2		30	A
Endosulfan II	97		95		30-150	2		30	A
Endosulfan sulfate	67		71		30-150	6		30	A
Methoxychlor	95		95		30-150	0		30	A
cis-Chlordane	79		76		30-150	4		30	A
trans-Chlordane	103		99		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1738354-2 WG1738354-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		90		30-150	A
Decachlorobiphenyl	64		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		87		30-150	B
Decachlorobiphenyl	118		105		30-150	B

METALS

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01 Date Collected: 01/25/23 10:25

Client ID: SB31 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7520		mg/kg	9.73	2.63	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Antimony, Total	1.17	J	mg/kg	4.86	0.370	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Arsenic, Total	1.10		mg/kg	0.973	0.202	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Barium, Total	76.7		mg/kg	0.973	0.169	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Beryllium, Total	1.79		mg/kg	0.486	0.032	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.403	J	mg/kg	0.973	0.095	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Calcium, Total	5560		mg/kg	9.73	3.40	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Chromium, Total	15.2		mg/kg	0.973	0.093	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Cobalt, Total	8.92		mg/kg	1.94	0.161	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Copper, Total	37.4		mg/kg	0.973	0.251	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Iron, Total	15900		mg/kg	4.86	0.878	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Lead, Total	40.3		mg/kg	4.86	0.261	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Magnesium, Total	5370		mg/kg	9.73	1.50	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Manganese, Total	192		mg/kg	0.973	0.155	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Mercury, Total	0.083		mg/kg	0.080	0.052	1	01/28/23 07:30	01/30/23 14:41	EPA 7471B	1,7471B	DMB
Nickel, Total	12.6		mg/kg	2.43	0.235	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Potassium, Total	1940		mg/kg	243	14.0	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.94	0.251	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.486	0.275	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Sodium, Total	888		mg/kg	194	3.06	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Thallium, Total	0.395	J	mg/kg	1.94	0.306	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Vanadium, Total	39.4		mg/kg	0.973	0.197	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW
Zinc, Total	59.1		mg/kg	4.86	0.285	2	01/28/23 06:20	01/29/23 11:21	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02 Date Collected: 01/25/23 10:30

Client ID: SB31 (13-13.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6380		mg/kg	8.30	2.24	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Antimony, Total	0.985	J	mg/kg	4.15	0.315	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Arsenic, Total	1.39		mg/kg	0.830	0.172	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Barium, Total	62.3		mg/kg	0.830	0.144	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Beryllium, Total	1.53		mg/kg	0.415	0.027	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.319	J	mg/kg	0.830	0.081	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Calcium, Total	5720		mg/kg	8.30	2.90	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Chromium, Total	13.1		mg/kg	0.830	0.080	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Cobalt, Total	6.27		mg/kg	1.66	0.138	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Copper, Total	24.8		mg/kg	0.830	0.214	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Iron, Total	12600		mg/kg	4.15	0.749	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Lead, Total	31.2		mg/kg	4.15	0.222	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Magnesium, Total	5020		mg/kg	8.30	1.28	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Manganese, Total	163		mg/kg	0.830	0.132	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Mercury, Total	0.087		mg/kg	0.068	0.045	1	01/28/23 07:30	01/30/23 14:44	EPA 7471B	1,7471B	DMB
Nickel, Total	9.62		mg/kg	2.07	0.201	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Potassium, Total	1580		mg/kg	207	11.9	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.66	0.214	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.415	0.235	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Sodium, Total	177		mg/kg	166	2.61	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.66	0.261	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Vanadium, Total	28.4		mg/kg	0.830	0.168	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW
Zinc, Total	47.4		mg/kg	4.15	0.243	2	01/28/23 06:20	01/29/23 11:26	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03 Date Collected: 01/25/23 11:10

Client ID: SB32 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5540		mg/kg	8.29	2.24	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Antimony, Total	0.883	J	mg/kg	4.14	0.315	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Arsenic, Total	1.03		mg/kg	0.829	0.172	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Barium, Total	59.9		mg/kg	0.829	0.144	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Beryllium, Total	1.39		mg/kg	0.414	0.027	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.266	J	mg/kg	0.829	0.081	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Calcium, Total	7390		mg/kg	8.29	2.90	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Chromium, Total	11.8		mg/kg	0.829	0.080	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.71		mg/kg	1.66	0.138	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Copper, Total	14.2		mg/kg	0.829	0.214	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Iron, Total	11500		mg/kg	4.14	0.748	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Lead, Total	23.3		mg/kg	4.14	0.222	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Magnesium, Total	3140		mg/kg	8.29	1.28	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Manganese, Total	182		mg/kg	0.829	0.132	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.067	0.044	1	01/28/23 07:30	01/30/23 14:47	EPA 7471B	1,7471B	DMB
Nickel, Total	7.44		mg/kg	2.07	0.200	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Potassium, Total	1560		mg/kg	207	11.9	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.66	0.214	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.414	0.234	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Sodium, Total	148	J	mg/kg	166	2.61	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Thallium, Total	0.268	J	mg/kg	1.66	0.261	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Vanadium, Total	18.2		mg/kg	0.829	0.168	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW
Zinc, Total	33.3		mg/kg	4.14	0.243	2	01/28/23 06:20	01/29/23 11:31	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04 Date Collected: 01/25/23 11:15

Client ID: SB32 (7.5-8) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15400		mg/kg	9.45	2.55	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Antimony, Total	1.31	J	mg/kg	4.73	0.359	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Arsenic, Total	0.848	J	mg/kg	0.945	0.197	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Barium, Total	243		mg/kg	0.945	0.164	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Beryllium, Total	2.79		mg/kg	0.473	0.031	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.330	J	mg/kg	0.945	0.093	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Calcium, Total	3280		mg/kg	9.45	3.31	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Chromium, Total	18.0		mg/kg	0.945	0.091	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Cobalt, Total	10.2		mg/kg	1.89	0.157	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Copper, Total	31.7		mg/kg	0.945	0.244	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Iron, Total	17200		mg/kg	4.73	0.854	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Lead, Total	4.49	J	mg/kg	4.73	0.253	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Magnesium, Total	4410		mg/kg	9.45	1.46	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Manganese, Total	384		mg/kg	0.945	0.150	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.076	0.050	1	01/28/23 07:30	01/30/23 14:50	EPA 7471B	1,7471B	DMB
Nickel, Total	14.1		mg/kg	2.36	0.229	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Potassium, Total	2710		mg/kg	236	13.6	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.89	0.244	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.473	0.268	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Sodium, Total	486		mg/kg	189	2.98	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Thallium, Total	0.490	J	mg/kg	1.89	0.298	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Vanadium, Total	31.4		mg/kg	0.945	0.192	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW
Zinc, Total	34.8		mg/kg	4.73	0.277	2	01/28/23 06:20	01/29/23 11:36	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05 Date Collected: 01/25/23 12:15

Client ID: SB33 (1-1.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5530		mg/kg	8.23	2.22	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Antimony, Total	0.819	J	mg/kg	4.11	0.313	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Arsenic, Total	0.834		mg/kg	0.823	0.171	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Barium, Total	61.6		mg/kg	0.823	0.143	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Beryllium, Total	1.51		mg/kg	0.411	0.027	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.253	J	mg/kg	0.823	0.081	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Calcium, Total	7140		mg/kg	8.23	2.88	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Chromium, Total	12.8		mg/kg	0.823	0.079	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Cobalt, Total	5.06		mg/kg	1.64	0.136	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Copper, Total	16.1		mg/kg	0.823	0.212	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Iron, Total	11700		mg/kg	4.11	0.743	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Lead, Total	16.2		mg/kg	4.11	0.220	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Magnesium, Total	4860		mg/kg	8.23	1.27	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Manganese, Total	177		mg/kg	0.823	0.131	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.067	0.043	1	01/28/23 07:30	01/30/23 14:54	EPA 7471B	1,7471B	DMB
Nickel, Total	8.13		mg/kg	2.06	0.199	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Potassium, Total	1780		mg/kg	206	11.8	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.64	0.212	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.411	0.233	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Sodium, Total	240		mg/kg	164	2.59	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.64	0.259	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Vanadium, Total	19.0		mg/kg	0.823	0.167	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW
Zinc, Total	34.0		mg/kg	4.11	0.241	2	01/28/23 06:20	01/29/23 11:41	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06 Date Collected: 01/25/23 12:20

Client ID: SB33 (6-6.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6100		mg/kg	8.36	2.26	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Antimony, Total	0.639	J	mg/kg	4.18	0.318	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Arsenic, Total	1.16		mg/kg	0.836	0.174	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Barium, Total	87.0		mg/kg	0.836	0.146	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Beryllium, Total	1.60		mg/kg	0.418	0.028	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.245	J	mg/kg	0.836	0.082	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Calcium, Total	9130		mg/kg	8.36	2.93	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Chromium, Total	11.4		mg/kg	0.836	0.080	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Cobalt, Total	4.74		mg/kg	1.67	0.139	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Copper, Total	16.4		mg/kg	0.836	0.216	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Iron, Total	11000		mg/kg	4.18	0.755	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Lead, Total	37.1		mg/kg	4.18	0.224	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Magnesium, Total	3230		mg/kg	8.36	1.29	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Manganese, Total	204		mg/kg	0.836	0.133	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Mercury, Total	0.048	J	mg/kg	0.067	0.044	1	01/28/23 07:30	01/30/23 14:57	EPA 7471B	1,7471B	DMB
Nickel, Total	8.72		mg/kg	2.09	0.202	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Potassium, Total	1680		mg/kg	209	12.0	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.67	0.216	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.418	0.237	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Sodium, Total	160	J	mg/kg	167	2.64	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Thallium, Total	0.310	J	mg/kg	1.67	0.264	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Vanadium, Total	18.3		mg/kg	0.836	0.170	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW
Zinc, Total	44.8		mg/kg	4.18	0.245	2	01/28/23 06:20	01/29/23 11:45	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07 Date Collected: 01/25/23 13:15

Client ID: SB34 (3-3.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8800		mg/kg	8.09	2.18	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Antimony, Total	2.71	J	mg/kg	4.04	0.307	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Arsenic, Total	6.65		mg/kg	0.809	0.168	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Barium, Total	224		mg/kg	0.809	0.141	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Beryllium, Total	2.31		mg/kg	0.404	0.027	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Cadmium, Total	1.71		mg/kg	0.809	0.079	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Calcium, Total	6620		mg/kg	8.09	2.83	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Chromium, Total	39.9		mg/kg	0.809	0.078	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Cobalt, Total	7.38		mg/kg	1.62	0.134	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Copper, Total	64.9		mg/kg	0.809	0.209	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Iron, Total	28700		mg/kg	4.04	0.730	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Lead, Total	752		mg/kg	4.04	0.217	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Magnesium, Total	6470		mg/kg	8.09	1.24	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Manganese, Total	314		mg/kg	0.809	0.129	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Mercury, Total	0.102		mg/kg	0.068	0.045	1	01/28/23 07:30	01/30/23 15:07	EPA 7471B	1,7471B	DMB
Nickel, Total	25.7		mg/kg	2.02	0.196	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Potassium, Total	1860		mg/kg	202	11.6	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.62	0.209	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.404	0.229	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Sodium, Total	335		mg/kg	162	2.55	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Thallium, Total	0.533	J	mg/kg	1.62	0.255	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Vanadium, Total	30.5		mg/kg	0.809	0.164	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW
Zinc, Total	352		mg/kg	4.04	0.237	2	01/28/23 06:20	01/29/23 11:50	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08 Date Collected: 01/25/23 13:20

Client ID: SB34 (14-14.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2010		mg/kg	7.80	2.11	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Antimony, Total	0.557	J	mg/kg	3.90	0.296	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Arsenic, Total	0.668	J	mg/kg	0.780	0.162	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Barium, Total	28.1		mg/kg	0.780	0.136	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Beryllium, Total	0.637		mg/kg	0.390	0.026	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Cadmium, Total	0.136	J	mg/kg	0.780	0.077	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Calcium, Total	9100		mg/kg	7.80	2.73	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Chromium, Total	5.96		mg/kg	0.780	0.075	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Cobalt, Total	2.96		mg/kg	1.56	0.130	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Copper, Total	6.74		mg/kg	0.780	0.201	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Iron, Total	5600		mg/kg	3.90	0.705	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Lead, Total	2.20	J	mg/kg	3.90	0.209	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Magnesium, Total	4940		mg/kg	7.80	1.20	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Manganese, Total	84.7		mg/kg	0.780	0.124	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Mercury, Total	ND		mg/kg	0.066	0.043	1	01/28/23 07:30	01/30/23 15:10	EPA 7471B	1,7471B	DMB
Nickel, Total	4.36		mg/kg	1.95	0.189	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Potassium, Total	701		mg/kg	195	11.2	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Selenium, Total	ND		mg/kg	1.56	0.201	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Silver, Total	ND		mg/kg	0.390	0.221	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Sodium, Total	96.8	J	mg/kg	156	2.46	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Thallium, Total	ND		mg/kg	1.56	0.246	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Vanadium, Total	8.73		mg/kg	0.780	0.158	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW
Zinc, Total	10.8		mg/kg	3.90	0.229	2	01/28/23 06:20	01/29/23 11:55	EPA 3050B	1,6010D	EGW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09 Date Collected: 01/25/23 14:05

Client ID: SB35 (2-2.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6850		mg/kg	8.12	2.19	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.06	0.309	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Arsenic, Total	3.33		mg/kg	0.812	0.169	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Barium, Total	89.4		mg/kg	0.812	0.141	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Beryllium, Total	ND		mg/kg	0.406	0.027	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.812	0.080	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Calcium, Total	11000		mg/kg	8.12	2.84	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Chromium, Total	14.1		mg/kg	0.812	0.078	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Cobalt, Total	5.67		mg/kg	1.62	0.135	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Copper, Total	21.3		mg/kg	0.812	0.210	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Iron, Total	12400		mg/kg	4.06	0.734	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Lead, Total	96.2		mg/kg	4.06	0.218	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Magnesium, Total	4240		mg/kg	8.12	1.25	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Manganese, Total	243		mg/kg	0.812	0.129	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Mercury, Total	0.048	J	mg/kg	0.068	0.044	1	01/28/23 07:30	01/30/23 15:14	EPA 7471B	1,7471B	DMB
Nickel, Total	12.6		mg/kg	2.03	0.197	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Potassium, Total	1680		mg/kg	203	11.7	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Selenium, Total	0.458	J	mg/kg	1.62	0.210	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.406	0.230	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Sodium, Total	227		mg/kg	162	2.56	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.62	0.256	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Vanadium, Total	19.8		mg/kg	0.812	0.165	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW
Zinc, Total	74.9		mg/kg	4.06	0.238	2	01/28/23 06:20	01/30/23 15:13	EPA 3050B	1,6010D	AMW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10 Date Collected: 01/25/23 14:10

Client ID: SB35 (7-7.5) Date Received: 01/26/23

Sample Location: WHITE PLAINS NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5630		mg/kg	8.40	2.27	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.20	0.319	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Arsenic, Total	0.780	J	mg/kg	0.840	0.175	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Barium, Total	70.7		mg/kg	0.840	0.146	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Beryllium, Total	ND		mg/kg	0.420	0.028	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.840	0.082	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Calcium, Total	5960		mg/kg	8.40	2.94	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Chromium, Total	14.9		mg/kg	0.840	0.081	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Cobalt, Total	6.20		mg/kg	1.68	0.140	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Copper, Total	15.4		mg/kg	0.840	0.217	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Iron, Total	10300		mg/kg	4.20	0.759	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Lead, Total	9.86		mg/kg	4.20	0.225	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Magnesium, Total	5500		mg/kg	8.40	1.29	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Manganese, Total	152		mg/kg	0.840	0.134	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Mercury, Total	ND		mg/kg	0.067	0.044	1	01/28/23 07:30	01/30/23 15:17	EPA 7471B	1,7471B	DMB
Nickel, Total	13.2		mg/kg	2.10	0.203	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Potassium, Total	2000		mg/kg	210	12.1	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.68	0.217	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.420	0.238	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Sodium, Total	212		mg/kg	168	2.65	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.68	0.265	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Vanadium, Total	17.6		mg/kg	0.840	0.171	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW
Zinc, Total	30.4		mg/kg	4.20	0.246	2	01/28/23 06:20	01/30/23 15:17	EPA 3050B	1,6010D	AMW

Project Name: 100 MAIN ST (MACYS) **Lab Number:** L2304445

Project Number: 12461 **Report Date:** 02/15/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1738038-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Barium, Total	ND		mg/kg	0.400	0.070	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Calcium, Total	ND		mg/kg	4.00	1.40	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Chromium, Total	ND		mg/kg	0.400	0.038	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Copper, Total	ND		mg/kg	0.400	0.103	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Iron, Total	ND		mg/kg	2.00	0.361	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Lead, Total	ND		mg/kg	2.00	0.107	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Manganese, Total	0.076	J	mg/kg	0.400	0.064	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Potassium, Total	ND		mg/kg	100	5.76	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Silver, Total	ND		mg/kg	0.200	0.113	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Sodium, Total	ND		mg/kg	80.0	1.26	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW
Zinc, Total	ND		mg/kg	2.00	0.117	1	01/28/23 06:20	01/29/23 09:48	1,6010D	EGW

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1738039-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/28/23 07:30	01/30/23 13:52	1,7471B	DMB

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1738038-2 SRM Lot Number: D116-540								
Aluminum, Total	79		-		45-155	-		
Antimony, Total	179		-		2-205	-		
Arsenic, Total	108		-		82-119	-		
Barium, Total	96		-		82-118	-		
Beryllium, Total	108		-		82-118	-		
Cadmium, Total	110		-		82-118	-		
Calcium, Total	97		-		81-119	-		
Chromium, Total	100		-		81-118	-		
Cobalt, Total	106		-		83-117	-		
Copper, Total	101		-		83-117	-		
Iron, Total	92		-		58-142	-		
Lead, Total	102		-		83-117	-		
Magnesium, Total	86		-		75-125	-		
Manganese, Total	106		-		82-118	-		
Nickel, Total	108		-		82-118	-		
Potassium, Total	86		-		68-131	-		
Selenium, Total	111		-		78-122	-		
Silver, Total	101		-		79-121	-		
Sodium, Total	94		-		71-130	-		
Thallium, Total	107		-		80-120	-		
Vanadium, Total	101		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1738038-2 SRM Lot Number: D116-540					
Zinc, Total	106	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1738039-2 SRM Lot Number: D116-540					
Mercury, Total	92	-	58-142	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738038-3 QC Sample: L2304247-02 Client ID: MS Sample												
Aluminum, Total	3550	157	4020	**299**	Q	-	-		75-125	-		20
Antimony, Total	0.646J	39.3	37.9	96		-	-		75-125	-		20
Arsenic, Total	3.23	9.44	11.8	91		-	-		75-125	-		20
Barium, Total	22.8	157	162	88		-	-		75-125	-		20
Beryllium, Total	0.923	3.93	4.77	98		-	-		75-125	-		20
Cadmium, Total	0.326J	4.17	4.17	100		-	-		75-125	-		20
Calcium, Total	938	786	1690	96		-	-		75-125	-		20
Chromium, Total	19.0	15.7	26.4	**47**	Q	-	-		75-125	-		20
Cobalt, Total	8.47	39.3	42.7	87		-	-		75-125	-		20
Copper, Total	15.8	19.7	31.6	80		-	-		75-125	-		20
Iron, Total	12300	78.6	9030	**0**	Q	-	-		75-125	-		20
Lead, Total	17.7	41.7	45.5	**67**	Q	-	-		75-125	-		20
Magnesium, Total	2560	786	3980	**180**	Q	-	-		75-125	-		20
Manganese, Total	272	39.3	250	**0**	Q	-	-		75-125	-		20
Nickel, Total	96.4	39.3	97.5	**3**	Q	-	-		75-125	-		20
Potassium, Total	718	786	1860	**145**	Q	-	-		75-125	-		20
Selenium, Total	ND	9.44	8.80	93		-	-		75-125	-		20
Silver, Total	ND	23.6	21.3	90		-	-		75-125	-		20
Sodium, Total	64.8J	786	843	107		-	-		75-125	-		20
Thallium, Total	0.271J	9.44	8.70	92		-	-		75-125	-		20
Vanadium, Total	16.7	39.3	54.2	95		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738038-3 QC Sample: L2304247-02 Client ID: MS Sample									
Zinc, Total	37.1	39.3	71.3	87	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738039-3 QC Sample: L2304247-02 Client ID: MS Sample									
Mercury, Total	ND	1.3	1.29	100	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738038-4 QC Sample: L2304247-02 Client ID: DUP Sample						
Arsenic, Total	3.23	2.49	mg/kg	**26**	Q	20
Barium, Total	22.8	25.0	mg/kg	9		20
Cadmium, Total	0.326J	0.260J	mg/kg	NC		20
Chromium, Total	19.0	10.5	mg/kg	**58**	Q	20
Lead, Total	17.7	8.71	mg/kg	**68**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738039-4 QC Sample: L2304247-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2304445
Report Date: 02/15/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1738038-6 QC Sample: L2304247-02 Client ID: DUP Sample						
Barium, Total	22.8	23.1	mg/kg	1		20
Chromium, Total	19.0	19.7	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-01
Client ID: SB31 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:25
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	01/31/23 12:40	01/31/23 16:03	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-02
Client ID: SB31 (13-13.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 10:30
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	01/31/23 12:40	01/31/23 16:04	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-03
Client ID: SB32 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	01/31/23 12:40	01/31/23 16:07	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-04
Client ID: SB32 (7.5-8)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 11:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	01/31/23 12:40	01/31/23 16:08	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-05
Client ID: SB33 (1-1.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 04:50	02/01/23 12:16	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-06
Client ID: SB33 (6-6.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 12:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.9		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/01/23 04:50	02/01/23 12:19	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-07
Client ID: SB34 (3-3.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:15
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	0.22	J	mg/kg	1.0	0.21	1	01/31/23 12:40	01/31/23 15:29	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-08
Client ID: SB34 (14-14.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 13:20
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.3		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.97	0.20	1	01/31/23 12:40	01/31/23 15:30	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-09
Client ID: SB35 (2-2.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:05
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	01/31/23 12:40	01/31/23 15:31	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

SAMPLE RESULTS

Lab ID: L2304445-10
Client ID: SB35 (7-7.5)
Sample Location: WHITE PLAINS NY

Date Collected: 01/25/23 14:10
Date Received: 01/26/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	01/27/23 11:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	01/31/23 12:40	01/31/23 15:34	1,9010C/9012B	JER

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461
Lab Number: L2304445
Report Date: 02/15/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 07-10 Batch: WG1739121-1										
Cyanide, Total	ND		mg/kg	0.88	0.18	1	01/31/23 12:40	01/31/23 15:10	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1739124-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	01/31/23 12:40	01/31/23 15:43	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 05-06 Batch: WG1739414-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	02/01/23 04:50	02/01/23 11:57	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07-10 Batch: WG1739121-2 WG1739121-3								
Cyanide, Total	**79**	Q	**77**	Q	80-120	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1739124-2 WG1739124-3								
Cyanide, Total	**68**	Q	**75**	Q	80-120	13		35
General Chemistry - Westborough Lab Associated sample(s): 05-06 Batch: WG1739414-2 WG1739414-3								
Cyanide, Total	**78**	Q	**65**	Q	80-120	17		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07-10 QC Batch ID: WG1739121-4 WG1739121-5 QC Sample: L2304560-15 Client ID: MS Sample												
Cyanide, Total	ND	10	9.4	94		9.1	95		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1739124-4 WG1739124-5 QC Sample: L2304445-02 Client ID: SB31 (13-13.5)												
Cyanide, Total	ND	10	10	97		10	96		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG1739414-4 WG1739414-5 QC Sample: L2304630-07 Client ID: MS Sample												
Cyanide, Total	ND	10	10	97		9.8	96		75-125	2		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST (MACYS)

Project Number: 12461

Lab Number: L2304445

Report Date: 02/15/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1737958-1 QC Sample: L2304445-01 Client ID: SB31 (2-2.5)						
Solids, Total	80.2	81.0	%	1		20

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304445-01A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-01B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-01C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-01D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-01E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-01F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2304445-01G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304445-01H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304445-01X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-01Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-01Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-02A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-02B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-02C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-02D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-02E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-02F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2304445-02G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304445-02H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304445-02X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-02Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-02Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-03A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-03B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-03C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-03D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-03E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-03F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2304445-03G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304445-03H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304445-03X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-03Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-03Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-04A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-04B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-04C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-04D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-04E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2304445-04G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304445-04H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304445-04X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-04Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-04Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-05A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-05B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-05C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-05D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-05E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-05F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2304445-05G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304445-05H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304445-05X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-05Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-05Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-06A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-06B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-06C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-06D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-06E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-06F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2304445-06G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304445-06H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304445-06X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-06Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-06Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-07A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-07B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-07C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-07D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-07E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-07F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2304445-07G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304445-07H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304445-07X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-07Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-07Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-08A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-08B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-08C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-08D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-08E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-08F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2304445-08G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2304445-08H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304445-08X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-08Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-08Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-09A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-09B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-09C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-09D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-09E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-09F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2304445-09G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2304445-09H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2304445-09X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-09Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-09Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-10A	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-10B	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-10C	5 gram Encore Sampler	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-10D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-10E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2304445-10F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2304445-10G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-1633-DRAFT-21(90)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2304445-10H	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2304445-10X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260HLW(14)
L2304445-10Y	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)
L2304445-10Z	Vial Water preserved split	A	NA		3.6	Y	Absent	27-JAN-23 08:35	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 100 MAIN ST (MACYS)
Project Number: 12461

Lab Number: L2304445
Report Date: 02/15/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	100 MAIN ST (MACYS)	**Lab Number:**	L2304445
Project Number:	12461	**Report Date:**	02/15/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST (MACYS)	**Lab Number:**	L2304445
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	100 MAIN ST (MACYS)	**Lab Number:**	L2304445
Project Number:	12461	**Report Date:**	02/15/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1/26/23

ALPHA Job #: L2304445

Client Information

Client: SESI
Address: 959 US 46, E 3rd Fl
Parsippany, NJ 07054
Phone: 973 808 9050
Fax:
Email: jsposito@sesi.org/SSG@sesi.org

Project Information

Project Name: 100 Main St (Mills)
Project Location: White Plains NY
Project #: 12461
(Use Project name as Project #) ☐
Project Manager: Steve Gustems
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days: 1 week

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO # Renaissance Gaetano Env. Mgmt LLC
Attn: Kevin McManus

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

TAL/TAC | 1,4-Dioxane | PFAS (1633)

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL/TAC	1,4-Dioxane	PFAS (1633)	Sample Specific Comments
044445 01	SB 31 (2-2.5)	1/25/23	1025	Soil	AJ	X	X	X	
02	SB 31 (13-13.5)		1030						
03	SB 32 (3-3.5)		1110						
04	SB 32 (7.5-8)		1115						
05	SB 33 (1-1.5)		1215						
06	SB 33 (10-10.5)		1220						
07	SB 34 (3-3.5)		1315						
08	SB 34 (14-14.5)		1320						
09	SB 35 (2-2.5)		1405						
10	SB 35 (7-7.5)	↓	1410	↓	↓	↓	↓	↓	

Container Type: A A P
Preservative: A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	1/25/23 950		1-26-23 950
	1-26-23 1650	Paul Mascella	1/26/23 1650
Paul Mascella	1/26/23		1/26/23
	1/26/23 2300		1/27/23 0800

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2341778
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Jonathan Stuart
Phone:	(973) 808-9050
Project Name:	100 MAIN ST.
Project Number:	12461
Report Date:	07/24/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2341778-01	GW-27	WATER	WHITE PLAINS, NY	07/20/23 10:45	07/20/23

Project Name:	100 MAIN ST.	**Lab Number:**	L2341778
Project Number:	12461	**Report Date:**	07/24/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	100 MAIN ST.	**Lab Number:**	L2341778
Project Number:	12461	**Report Date:**	07/24/23

Case Narrative (continued)

Report Submission

July 24, 2023: This final report includes the results of all requested analyses.

July 21, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1805644-3 LCSD recovery, associated with L2341778-01, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Semivolatile Organics by SIM

The WG1805593-1 Method Blank, associated with L2341778-01, has a concentration above the reporting limit for naphthalene. Since the associated sample concentration is non-detect to the RL for this target analyte, no corrective action is required.

Total Metals

The WG1805857-1 Method Blank, associated with L2341778-01, has a concentration above the reporting limit for mercury. Since the associated sample concentration is non-detect to the RL for this target analyte, no corrective action is required.

Cyanide, Total

The WG1805945-5 MSD recovery, performed on L2341778-01, is outside the acceptance criteria for cyanide, total (22%); however, the associated LCS recovery is within criteria. No further action was taken. The MS/MSD RPD for cyanide, total (131%) is above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 07/24/23

ORGANICS

VOLATILES

Project Name: 100 MAIN ST.
Lab Number: L2341778
Project Number: 12461
Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01
Client ID: GW-27
Sample Location: WHITE PLAINS, NY

Date Collected: 07/20/23 10:45
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/21/23 08:36
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	12		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	0.95		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01 Date Collected: 07/20/23 10:45

Client ID: GW-27 Date Received: 07/20/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01 Date Collected: 07/20/23 10:45

Client ID: GW-27 Date Received: 07/20/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/23 07:50
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1806095-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/23 07:50
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1806095-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/23 07:50
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1806095-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/23 07:50
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1806095-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1806095-3 WG1806095-4								
Methylene chloride	100		98		70-130	2		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	110		100		70-130	10		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	100		94		54-136	6		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	100		100		70-130	0		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	100		95		64-130	5		20
Bromomethane	97		100		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1806095-3 WG1806095-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	95		91		70-130	4		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		97		70-130	3		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	98		95		64-130	3		20
Acrylonitrile	88		88		70-130	0		20
Styrene	110		105		70-130	5		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	77		78		58-148	1		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	76		**62**	Q	63-138	20		20
Vinyl acetate	**160**	Q	**150**	Q	70-130	6		20
4-Methyl-2-pentanone	94		94		59-130	0		20
2-Hexanone	84		86		57-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1806095-3 WG1806095-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	130		130		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	100		99		70-130	1		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	120		110		70-130	9		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	95		92		41-144	3		20
Hexachlorobutadiene	120		120		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	92		96		70-130	4		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	90		88		56-162	2		20
p-Diethylbenzene	100		98		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2341778

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1806095-3 WG1806095-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	100		98		70-130	2		20
Ethyl ether	100		98		59-134	2		20
trans-1,4-Dichloro-2-butene	77		78		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		115		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	100		100		70-130

SEMIVOLATILES

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01
Client ID: GW-27
Sample Location: WHITE PLAINS, NY

Date Collected: 07/20/23 10:45
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/21/23 09:55
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/21/23 02:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.48	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01 Date Collected: 07/20/23 10:45

Client ID: GW-27 Date Received: 07/20/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	6.7	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01 Date Collected: 07/20/23 10:45

Client ID: GW-27 Date Received: 07/20/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	36.8	J	ug/l			1
Unknown Organic Acid	1.67	J	ug/l			1
Unknown Organic Acid	2.98	J	ug/l			1
Unknown	3.16	J	ug/l			1
Unknown Organic Acid	2.62	J	ug/l			1
Unknown	5.38	J	ug/l			1
Unknown Organic Acid	4.80	J	ug/l			1
Unknown Organic Acid	4.98	J	ug/l			1
Unknown Organic Acid	3.82	J	ug/l			1
Unknown	1.60	J	ug/l			1
Unknown	4.29	J	ug/l			1
Unknown	1.49	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	44		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01
Client ID: GW-27
Sample Location: WHITE PLAINS, NY

Date Collected: 07/20/23 10:45
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/21/23 10:30
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/21/23 02:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.07	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.05	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.08	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.07	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.26	J	ug/l	0.80	0.01	1
Hexachlorobenzene	0.04	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01 Date Collected: 07/20/23 10:45

Client ID: GW-27 Date Received: 07/20/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	**154**	Q	10-120
4-Terphenyl-d14	73		41-149

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/21/23 12:10
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/20/23 11:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1805593-1					
Acenaphthene	0.02	J	ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.89		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/21/23 12:10
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/20/23 11:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1805593-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	58		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/20/23 22:00
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/20/23 14:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1805644-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	1.2	J	ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/20/23 22:00
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/20/23 14:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1805644-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/20/23 22:00
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/20/23 14:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1805644-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds			
Total TIC Compounds	16.8	J	ug/l
Unknown	4.65	J	ug/l
Unknown	6.22	J	ug/l
Unknown Organic Acid	4.04	J	ug/l
Unknown	1.93	J	ug/l

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/20/23 22:00
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/20/23 14:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1805644-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	64		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1805593-2 WG1805593-3								
Acenaphthene	71		67		40-140	6		40
2-Chloronaphthalene	77		73		40-140	5		40
Fluoranthene	88		85		40-140	3		40
Hexachlorobutadiene	84		79		40-140	6		40
Naphthalene	75		71		40-140	5		40
Benzo(a)anthracene	88		84		40-140	5		40
Benzo(a)pyrene	91		89		40-140	2		40
Benzo(b)fluoranthene	86		81		40-140	6		40
Benzo(k)fluoranthene	88		88		40-140	0		40
Chrysene	80		76		40-140	5		40
Acenaphthylene	86		82		40-140	5		40
Anthracene	82		78		40-140	5		40
Benzo(ghi)perylene	83		80		40-140	4		40
Fluorene	79		75		40-140	5		40
Phenanthrene	72		68		40-140	6		40
Dibenzo(a,h)anthracene	82		79		40-140	4		40
Indeno(1,2,3-cd)pyrene	84		80		40-140	5		40
Pyrene	86		82		40-140	5		40
2-Methylnaphthalene	75		71		40-140	5		40
Pentachlorophenol	116		103		40-140	12		40
Hexachlorobenzene	88		83		40-140	6		40
Hexachloroethane	67		64		40-140	5		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1805593-2 WG1805593-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		59		21-120
Phenol-d6	53		53		10-120
Nitrobenzene-d5	83		81		23-120
2-Fluorobiphenyl	74		71		15-120
2,4,6-Tribromophenol	**143**	Q	**140**	Q	10-120
4-Terphenyl-d14	74		72		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1805644-2 WG1805644-3								
Acenaphthene	76		67		37-111	13		30
1,2,4-Trichlorobenzene	74		65		39-98	13		30
Hexachlorobenzene	80		74		40-140	8		30
Bis(2-chloroethyl)ether	80		66		40-140	19		30
2-Chloronaphthalene	75		68		40-140	10		30
1,2-Dichlorobenzene	75		62		40-140	19		30
1,3-Dichlorobenzene	74		57		40-140	26		30
1,4-Dichlorobenzene	79		63		36-97	23		30
3,3'-Dichlorobenzidine	69		69		40-140	0		30
2,4-Dinitrotoluene	86		75		48-143	14		30
2,6-Dinitrotoluene	83		78		40-140	6		30
Fluoranthene	84		72		40-140	15		30
4-Chlorophenyl phenyl ether	78		68		40-140	14		30
4-Bromophenyl phenyl ether	85		74		40-140	14		30
Bis(2-chloroisopropyl)ether	70		59		40-140	17		30
Bis(2-chloroethoxy)methane	88		71		40-140	21		30
Hexachlorobutadiene	70		64		40-140	9		30
Hexachlorocyclopentadiene	60		51		40-140	16		30
Hexachloroethane	82		73		40-140	12		30
Isophorone	80		69		40-140	15		30
Naphthalene	85		77		40-140	10		30
Nitrobenzene	89		72		40-140	21		30
NDPA/DPA	80		68		40-140	16		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1805644-2 WG1805644-3								
n-Nitrosodi-n-propylamine	97		78		29-132	22		30
Bis(2-ethylhexyl)phthalate	109		98		40-140	11		30
Butyl benzyl phthalate	103		86		40-140	18		30
Di-n-butylphthalate	92		83		40-140	10		30
Di-n-octylphthalate	97		91		40-140	6		30
Diethyl phthalate	94		82		40-140	14		30
Dimethyl phthalate	90		79		40-140	13		30
Benzo(a)anthracene	82		76		40-140	8		30
Benzo(a)pyrene	90		80		40-140	12		30
Benzo(b)fluoranthene	86		79		40-140	8		30
Benzo(k)fluoranthene	84		78		40-140	7		30
Chrysene	84		78		40-140	7		30
Acenaphthylene	83		77		45-123	8		30
Anthracene	83		73		40-140	13		30
Benzo(ghi)perylene	84		79		40-140	6		30
Fluorene	80		70		40-140	13		30
Phenanthrene	82		69		40-140	17		30
Dibenzo(a,h)anthracene	79		76		40-140	4		30
Indeno(1,2,3-cd)pyrene	78		73		40-140	7		30
Pyrene	82		73		26-127	12		30
Biphenyl	69		65		40-140	6		30
4-Chloroaniline	75		89		40-140	17		30
2-Nitroaniline	89		83		52-143	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1805644-2 WG1805644-3								
3-Nitroaniline	77		72		25-145	7		30
4-Nitroaniline	84		77		51-143	9		30
Dibenzofuran	79		71		40-140	11		30
2-Methylnaphthalene	75		71		40-140	5		30
1,2,4,5-Tetrachlorobenzene	68		60		2-134	13		30
Acetophenone	76		64		39-129	17		30
2,4,6-Trichlorophenol	83		76		30-130	9		30
p-Chloro-m-cresol	90		90		23-97	0		30
2-Chlorophenol	80		68		27-123	16		30
2,4-Dichlorophenol	89		76		30-130	16		30
2,4-Dimethylphenol	85		76		30-130	11		30
2-Nitrophenol	88		73		30-130	19		30
4-Nitrophenol	**93**	Q	**90**	Q	10-80	3		30
2,4-Dinitrophenol	88		87		20-130	1		30
4,6-Dinitro-o-cresol	100		86		20-164	15		30
Pentachlorophenol	96		87		9-103	10		30
Phenol	59		50		12-110	17		30
2-Methylphenol	84		70		30-130	18		30
3-Methylphenol/4-Methylphenol	94		82		30-130	14		30
2,4,5-Trichlorophenol	94		85		30-130	10		30
Benzoic Acid	66		**0**	Q	10-164	NC		30
Benzyl Alcohol	82		71		26-116	14		30
Carbazole	88		78		55-144	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2341778

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1805644-2 WG1805644-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		59		21-120
Phenol-d6	60		50		10-120
Nitrobenzene-d5	80		68		23-120
2-Fluorobiphenyl	74		66		15-120
2,4,6-Tribromophenol	101		89		10-120
4-Terphenyl-d14	75		67		41-149

PCBS

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01
Client ID: GW-27
Sample Location: WHITE PLAINS, NY

Date Collected: 07/20/23 10:45
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/21/23 10:36
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/21/23 01:51
Cleanup Method: EPA 3665A
Cleanup Date: 07/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 07/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/21/23 08:06
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/20/23 23:00
Cleanup Method: EPA 3665A
Cleanup Date: 07/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 07/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1805781-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1805781-2 WG1805781-3									
Aroclor 1016	73		73		40-140	0		50	A
Aroclor 1260	76		77		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		63		30-150	A
Decachlorobiphenyl	80		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		58		30-150	B
Decachlorobiphenyl	74		73		30-150	B

PESTICIDES

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01
Client ID: GW-27
Sample Location: WHITE PLAINS, NY

Date Collected: 07/20/23 10:45
Date Received: 07/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/21/23 10:35
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 07/21/23 01:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01 Date Collected: 07/20/23 10:45

Client ID: GW-27 Date Received: 07/20/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/20/23 14:34
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 07/20/23 05:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1805342-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/20/23 14:34
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 07/20/23 05:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1805342-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1805342-2 WG1805342-3									
Delta-BHC	80		84		30-150	5		20	A
Lindane	79		83		30-150	5		20	A
Alpha-BHC	88		83		30-150	6		20	A
Beta-BHC	83		87		30-150	5		20	A
Heptachlor	81		85		30-150	5		20	A
Aldrin	76		80		30-150	6		20	A
Heptachlor epoxide	78		82		30-150	5		20	A
Endrin	78		85		30-150	9		20	A
Endrin aldehyde	76		82		30-150	8		20	A
Endrin ketone	89		96		30-150	7		20	A
Dieldrin	82		88		30-150	7		20	A
4,4'-DDE	77		85		30-150	9		20	A
4,4'-DDD	88		95		30-150	7		20	A
4,4'-DDT	89		99		30-150	10		20	A
Endosulfan I	101		83		30-150	19		20	A
Endosulfan II	80		87		30-150	8		20	A
Endosulfan sulfate	78		85		30-150	8		20	A
Methoxychlor	96		100		30-150	4		20	A
cis-Chlordane	68		74		30-150	8		20	A
trans-Chlordane	91		89		30-150	2		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1805342-2 WG1805342-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		77		30-150	A
Decachlorobiphenyl	91		96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	B
Decachlorobiphenyl	102		92		30-150	B

METALS

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01 Date Collected: 07/20/23 10:45

Client ID: GW-27 Date Received: 07/20/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	92.3		mg/l	0.0100	0.00327	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00874		mg/l	0.00050	0.00016	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Barium, Total	1.833		mg/l	0.00050	0.00017	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00346		mg/l	0.00050	0.00010	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00139		mg/l	0.00020	0.00005	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Calcium, Total	354.		mg/l	0.100	0.0394	1	07/21/23 09:47	07/21/23 13:49	EPA 3005A	1,6020B	EJF
Chromium, Total	0.2250		mg/l	0.00100	0.00017	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.1397		mg/l	0.00050	0.00016	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Copper, Total	0.5798		mg/l	0.00100	0.00038	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Iron, Total	154.		mg/l	0.0500	0.0191	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Lead, Total	0.09506		mg/l	0.00100	0.00034	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Magnesium, Total	201.		mg/l	0.0700	0.0242	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Manganese, Total	3.440		mg/l	0.00100	0.00044	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/21/23 09:19	07/21/23 13:17	EPA 7470A	1,7470A	GMG
Nickel, Total	0.2469		mg/l	0.00200	0.00055	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Potassium, Total	48.3		mg/l	0.100	0.0309	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Selenium, Total	0.0201		mg/l	0.00500	0.00173	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Silver, Total	0.00093		mg/l	0.00040	0.00016	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Sodium, Total	206.		mg/l	0.100	0.0293	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00152		mg/l	0.00100	0.00014	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.1714		mg/l	0.02500	0.00785	5	07/21/23 09:47	07/21/23 15:53	EPA 3005A	1,6020B	EJF
Zinc, Total	0.6041		mg/l	0.01000	0.00341	1	07/21/23 09:47	07/21/23 14:41	EPA 3005A	1,6020B	EJF

Project Name: 100 MAIN ST. **Lab Number:** L2341778

Project Number: 12461 **Report Date:** 07/24/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1805856-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/21/23 09:47	07/21/23 13:31	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/21/23 09:47	07/21/23 13:31	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/21/23 09:47	07/21/23 15:17	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1805857-1										
Mercury, Total	0.00021		mg/l	0.00020	0.00009	1	07/21/23 09:19	07/21/23 14:55	1,7470A	GMG

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2341778

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1805856-2								
Aluminum, Total	97		-		80-120	-		
Antimony, Total	88		-		80-120	-		
Arsenic, Total	97		-		80-120	-		
Barium, Total	93		-		80-120	-		
Beryllium, Total	97		-		80-120	-		
Cadmium, Total	97		-		80-120	-		
Calcium, Total	87		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	94		-		80-120	-		
Copper, Total	97		-		80-120	-		
Iron, Total	100		-		80-120	-		
Lead, Total	95		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	95		-		80-120	-		
Nickel, Total	94		-		80-120	-		
Potassium, Total	94		-		80-120	-		
Selenium, Total	92		-		80-120	-		
Silver, Total	94		-		80-120	-		
Sodium, Total	95		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2341778

Report Date: 07/24/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1805856-2					
Zinc, Total	92	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1805857-2					
Mercury, Total	119	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1805856-3 QC Sample: L2341875-01 Client ID: MS Sample												
Aluminum, Total	0.084	2	2.01	96		-	-		75-125	-		20
Antimony, Total	0.0065	0.5	0.4870	96		-	-		75-125	-		20
Arsenic, Total	0.0219	0.12	0.1407	99		-	-		75-125	-		20
Barium, Total	0.0100	2	1.942	97		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05059	101		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05321	100		-	-		75-125	-		20
Calcium, Total	25.8	10	33.9	81		-	-		75-125	-		20
Chromium, Total	0.0006J	0.2	0.2023	101		-	-		75-125	-		20
Cobalt, Total	0.0004J	0.5	0.4864	97		-	-		75-125	-		20
Copper, Total	0.0070	0.25	0.2573	100		-	-		75-125	-		20
Iron, Total	0.219	1	1.23	101		-	-		75-125	-		20
Lead, Total	0.0105	0.53	0.5336	99		-	-		75-125	-		20
Magnesium, Total	5.25	10	14.8	96		-	-		75-125	-		20
Manganese, Total	0.09565	0.5	0.6129	103		-	-		75-125	-		20
Nickel, Total	0.0043	0.5	0.4906	97		-	-		75-125	-		20
Potassium, Total	8.64	10	18.6	100		-	-		75-125	-		20
Selenium, Total	0.002J	0.12	0.130	108		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04706	94		-	-		75-125	-		20
Sodium, Total	143	10	146	**30**	Q	-	-		75-125	-		20
Thallium, Total	0.0002J	0.12	0.1250	104		-	-		75-125	-		20
Vanadium, Total	0.0040J	0.5	0.4998	100		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1805856-3 QC Sample: L2341875-01 Client ID: MS Sample									
Zinc, Total	0.0901	0.5	0.5716	96	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1805857-3 QC Sample: L2341778-01 Client ID: GW-27									
Mercury, Total	ND	0.005	0.00498	100	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1805856-4 QC Sample: L2341875-01 Client ID: DUP Sample						
Iron, Total	0.219	0.208	mg/l	5		20
Manganese, Total	0.09565	0.09139	mg/l	5		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1805857-4 QC Sample: L2341778-01 Client ID: GW-27						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2341778-01
Client ID: GW-27
Sample Location: WHITE PLAINS, NY

Sample Depth:
Matrix: Water

Date Collected: 07/20/23 10:45
Date Received: 07/20/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	07/21/23 11:55	07/21/23 14:52	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2341778
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1805945-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	07/21/23 11:55	07/21/23 14:36	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2341778

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1805945-2 WG1805945-3								
Cyanide, Total	93		96		85-115	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1805945-4 WG1805945-5 QC Sample: L2341778-01 Client ID: GW-27												
Cyanide, Total	0.002J	0.2	0.207	104		0.043	**22**	Q	80-120	**131**	Q	20

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2341778
Report Date: 07/24/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341778-01A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2341778-01B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2341778-01C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2341778-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2341778-01E	Plastic 250ml NaOH preserved	A	>12	>12	3.3	Y	Absent		TCN-9010(14)
L2341778-01F	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081(7)
L2341778-01G	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8081(7)
L2341778-01H	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(365)
L2341778-01I	Amber 120ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8082-LVI(365)
L2341778-01J	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2341778-01K	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	100 MAIN ST.	**Lab Number:**	L2341778
Project Number:	12461	**Report Date:**	07/24/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST.	**Lab Number:**	L2341778
Project Number:	12461	**Report Date:**	07/24/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST.	**Lab Number:**	L2341778
Project Number:	12461	**Report Date:**	07/24/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	100 MAIN ST.	**Lab Number:**	L2341778
Project Number:	12461	**Report Date:**	07/24/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/20/23

ALPHA Job #: L2341778

Client Information

Client: SESI
Address: 959 US 46
Parsippany NJ 07054
Phone: 973 808 9050
Fax:
Email: JCS@sesi.org

Project Information

Project Name: 100 Main St
Project Location: White Plains NY
Project #: 12461
(Use Project name as Project #) ☐
Project Manager: Jon Stuart
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 1

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☑ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # Renaissance Env Mgmt
Attn: Kevin McNamus

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL+30/TAL

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL	Sample Specific Comments
41778-01	GW-27	7/20/23	1045	GW	CB	✓	

Container Type: P/C
Preservative: some

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	07/20/23	Anna (ALC)	7.20.23 1500
Anna (ALC)	7.20.23 1601	Paul Mazzella	7/20/23 1601
Paul Mazzella	7/20/23		
	7/20/23 2235		7/20/23 2235

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2406580
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Jonathan Stuart
Phone:	(973) 808-9050
Project Name:	GALLERIA MALL
Project Number:	12461
Report Date:	02/13/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2406580-01	SB-25 (1-1.5) 020624	SOIL	100 MAIN ST. WHITE PLAINS, NY	02/06/24 08:00	02/06/24
L2406580-02	SB-26 (2.5-3) 020624	SOIL	100 MAIN ST. WHITE PLAINS, NY	02/06/24 08:30	02/06/24
L2406580-03	SB-27 (1.5-2) 020624	SOIL	100 MAIN ST. WHITE PLAINS, NY	02/06/24 08:50	02/06/24
L2406580-04	SB-28 (3-3.5) 020624	SOIL	100 MAIN ST. WHITE PLAINS, NY	02/06/24 09:30	02/06/24
L2406580-05	SB-29 (2-2.5) 020624	SOIL	100 MAIN ST. WHITE PLAINS, NY	02/06/24 10:20	02/06/24
L2406580-06	SB-30 (2.5-3) 020624	SOIL	100 MAIN ST. WHITE PLAINS, NY	02/06/24 13:20	02/06/24
L2406580-07	SB-31 (0.5-1) 020624	SOIL	100 MAIN ST. WHITE PLAINS, NY	02/06/24 11:20	02/06/24
L2406580-08	SB-32 (1.5-2) 020624	SOIL	100 MAIN ST. WHITE PLAINS, NY	02/06/24 12:10	02/06/24
L2406580-09	SB-32 (7-7.5) 020624	SOIL	100 MAIN ST. WHITE PLAINS, NY	02/06/24 12:00	02/06/24
L2406580-10	SB-33 (3.5-4) 020624	SOIL	100 MAIN ST. WHITE PLAINS, NY	02/06/24 11:40	02/06/24

Project Name:	GALLERIA MALL	**Lab Number:**	L2406580
Project Number:	12461	**Report Date:**	02/13/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: GALLERIA MALL **Lab Number:** L2406580
Project Number: 12461 **Report Date:** 02/13/24

Case Narrative (continued)

Report Submission
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics
The WG1883297-2/-3 LCS/LCSD recoveries, associated with L2406580-01 through -10, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals
L2406580-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG1883144-3 MS recoveries for aluminum (0%), calcium (33%), iron (0%), magnesium (155%) and manganese (44%), performed on L2406580-01, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG1883144-3 MS recoveries, performed on L2406580-01, are outside the acceptance criteria for copper (140%) and lead (130%). A post digestion spike was performed and was within acceptance criteria.
The WG1884144-3 MS recovery, performed on L2406580-01, is outside the acceptance criteria for potassium (56%). A post digestion spike was performed and yielded an unacceptable recovery for potassium (74%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.
The WG1883144-4 Laboratory Duplicate RPDs for calcium (33%), copper (30%) and lead (46%), performed on L2406580-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

Cyanide, Total
The WG1882686-5 MSD recovery, performed on L2406580-01, is outside the acceptance criteria for cyanide,

Project Name:	GALLERIA MALL	**Lab Number:**	L2406580
Project Number:	12461	**Report Date:**	02/13/24

Case Narrative (continued)

total (34%); however, the associated LCS recovery is within criteria. No further action was taken.

The WG1882686-4/-5 MS/MSD RPD for cyanide, total (72%), performed on L2406580-01, is above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 02/13/24

ORGANICS

VOLATILES

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01
Client ID: SB-25 (1-1.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:00
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/08/24 16:49
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.93	0.51	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01 Date Collected: 02/06/24 08:00

Client ID: SB-25 (1-1.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.86	1
Acetone	13		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	2.6	J	ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01 Date Collected: 02/06/24 08:00

Client ID: SB-25 (1-1.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	1.94	J	ug/kg			1
Unknown	1.94	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	112		70-130

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02
Client ID: SB-26 (2.5-3) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:30
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/08/24 17:10
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02 Date Collected: 02/06/24 08:30

Client ID: SB-26 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	34		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	8.7	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	0.32	J	ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	0.26	J	ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	0.67	J	ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02 Date Collected: 02/06/24 08:30

Client ID: SB-26 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	300	J	ug/kg			1
Unknown	23.7	J	ug/kg			1
Unknown	31.9	J	ug/kg			1
Unknown	42.6	J	ug/kg			1
Unknown	34.2	J	ug/kg			1
Unknown Naphthalene	31.5	J	ug/kg			1
Unknown	22.9	J	ug/kg			1
Unknown	30.1	J	ug/kg			1
Unknown	25.9	J	ug/kg			1
Unknown	34.6	J	ug/kg			1
Unknown	22.6	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	103		70-130

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03
Client ID: SB-27 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:50
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/12/24 12:39
Analyst: JIC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.54	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03 Date Collected: 02/06/24 08:50

Client ID: SB-27 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
Xylenes, Total	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	21		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	65		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03 Date Collected: 02/06/24 08:50

Client ID: SB-27 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	116	J	ug/kg			1
Unknown	16.3	J	ug/kg			1
Unknown Aromatic	2.67	J	ug/kg			1
Unknown Aromatic	2.85	J	ug/kg			1
Unknown	4.93	J	ug/kg			1
Unknown	3.98	J	ug/kg			1
Unknown	3.43	J	ug/kg			1
Unknown	71.0	J	ug/kg			1
Unknown	4.44	J	ug/kg			1
Unknown Aromatic	2.99	J	ug/kg			1
Unknown	3.45	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	108		70-130

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04
Client ID: SB-28 (3-3.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 09:30
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/08/24 17:51
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04 Date Collected: 02/06/24 09:30

Client ID: SB-28 (3-3.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	23		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	4.7	J	ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	0.71	J	ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	0.33	J	ug/kg	0.99	0.11	1
Naphthalene	3.1	J	ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04 Date Collected: 02/06/24 09:30

Client ID: SB-28 (3-3.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	0.28	J	ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	551	J	ug/kg			1
Unknown	40.7	J	ug/kg			1
Unknown	75.0	J	ug/kg			1
Unknown Aromatic	84.6	J	ug/kg			1
Unknown	38.6	J	ug/kg			1
Unknown Naphthalene	54.3	J	ug/kg			1
Unknown	41.9	J	ug/kg			1
Unknown	44.4	J	ug/kg			1
Unknown Aromatic	59.0	J	ug/kg			1
Unknown Aromatic	40.5	J	ug/kg			1
Unknown	72.4	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	102		70-130

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05
Client ID: SB-29 (2-2.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 10:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/12/24 13:05
Analyst: JIC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05 Date Collected: 02/06/24 10:20

Client ID: SB-29 (2-2.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	5.8	J	ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	0.17	J	ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05 Date Collected: 02/06/24 10:20

Client ID: SB-29 (2-2.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06
Client ID: SB-30 (2.5-3) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 13:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/08/24 18:33
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06 Date Collected: 02/06/24 13:20

Client ID: SB-30 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	6.5		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06 Date Collected: 02/06/24 13:20

Client ID: SB-30 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	5.02	J	ug/kg			1
Unknown	2.16	J	ug/kg			1
Acenaphthene	2.86	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	103		70-130

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07
Client ID: SB-31 (0.5-1) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 11:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/08/24 18:54
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07 Date Collected: 02/06/24 11:20

Client ID: SB-31 (0.5-1) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07 Date Collected: 02/06/24 11:20

Client ID: SB-31 (0.5-1) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08
Client ID: SB-32 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 12:10
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/08/24 19:15
Analyst: JIC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08 Date Collected: 02/06/24 12:10

Client ID: SB-32 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08 Date Collected: 02/06/24 12:10

Client ID: SB-32 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	101		70-130

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09
Client ID: SB-32 (7-7.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 12:00
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/08/24 19:35
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09 Date Collected: 02/06/24 12:00

Client ID: SB-32 (7-7.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	0.80	J	ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09 Date Collected: 02/06/24 12:00

Client ID: SB-32 (7-7.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	100		70-130

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10
Client ID: SB-33 (3.5-4) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 11:40
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/08/24 19:56
Analyst: JIC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10 Date Collected: 02/06/24 11:40

Client ID: SB-33 (3.5-4) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10 Date Collected: 02/06/24 11:40

Client ID: SB-33 (3.5-4) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/08/24 16:29
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04,06-10 Batch: WG1883559-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.16	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/08/24 16:29
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04,06-10 Batch: WG1883559-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	8.1	J	ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/08/24 16:29
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04,06-10 Batch: WG1883559-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	8.56	J	ug/kg
Unknown	8.56	J	ug/kg

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/08/24 16:29
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04,06-10 Batch: WG1883559-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/24 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05 Batch: WG1884577-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.55	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/24 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05 Batch: WG1884577-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/24 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05 Batch: WG1884577-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/12/24 09:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05 Batch: WG1884577-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04,06-10 Batch: WG1883559-3 WG1883559-4								
Methylene chloride	80		77		70-130	4		30
1,1-Dichloroethane	84		81		70-130	4		30
Chloroform	86		88		70-130	2		30
Carbon tetrachloride	97		94		70-130	3		30
1,2-Dichloropropane	86		93		70-130	8		30
Dibromochloromethane	90		93		70-130	3		30
1,1,2-Trichloroethane	90		92		70-130	2		30
Tetrachloroethene	99		96		70-130	3		30
Chlorobenzene	97		99		70-130	2		30
Trichlorofluoromethane	105		98		70-139	7		30
1,2-Dichloroethane	87		91		70-130	4		30
1,1,1-Trichloroethane	92		89		70-130	3		30
Bromodichloromethane	88		89		70-130	1		30
trans-1,3-Dichloropropene	89		90		70-130	1		30
cis-1,3-Dichloropropene	81		83		70-130	2		30
1,1-Dichloropropene	92		88		70-130	4		30
Bromoform	89		88		70-130	1		30
1,1,2,2-Tetrachloroethane	84		90		70-130	7		30
Benzene	99		98		70-130	1		30
Toluene	100		99		70-130	1		30
Ethylbenzene	98		98		70-130	0		30
Chloromethane	108		97		52-130	11		30
Bromomethane	98		89		57-147	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04,06-10 Batch: WG1883559-3 WG1883559-4								
Vinyl chloride	117		105		67-130	11		30
Chloroethane	94		88		50-151	7		30
1,1-Dichloroethene	98		95		65-135	3		30
trans-1,2-Dichloroethene	90		89		70-130	1		30
Trichloroethene	101		102		70-130	1		30
1,2-Dichlorobenzene	94		93		70-130	1		30
1,3-Dichlorobenzene	99		98		70-130	1		30
1,4-Dichlorobenzene	96		95		70-130	1		30
Methyl tert butyl ether	76		78		66-130	3		30
p/m-Xylene	102		101		70-130	1		30
o-Xylene	98		100		70-130	2		30
cis-1,2-Dichloroethene	86		92		70-130	7		30
Dibromomethane	85		88		70-130	3		30
Styrene	94		94		70-130	0		30
Dichlorodifluoromethane	116		106		30-146	9		30
Acetone	81		83		54-140	2		30
Carbon disulfide	103		97		59-130	6		30
2-Butanone	77		87		70-130	12		30
Vinyl acetate	79		80		70-130	1		30
4-Methyl-2-pentanone	77		84		70-130	9		30
1,2,3-Trichloropropane	84		86		68-130	2		30
2-Hexanone	73		81		70-130	10		30
Bromochloromethane	81		107		70-130	28		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04,06-10 Batch: WG1883559-3 WG1883559-4								
2,2-Dichloropropane	91		117		70-130	25		30
1,2-Dibromoethane	87		91		70-130	4		30
1,3-Dichloropropane	91		92		69-130	1		30
1,1,1,2-Tetrachloroethane	93		92		70-130	1		30
Bromobenzene	96		92		70-130	4		30
n-Butylbenzene	106		102		70-130	4		30
sec-Butylbenzene	106		102		70-130	4		30
tert-Butylbenzene	102		98		70-130	4		30
o-Chlorotoluene	106		96		70-130	10		30
p-Chlorotoluene	100		97		70-130	3		30
1,2-Dibromo-3-chloropropane	80		87		68-130	8		30
Hexachlorobutadiene	104		100		67-130	4		30
Isopropylbenzene	105		101		70-130	4		30
p-Isopropyltoluene	104		101		70-130	3		30
Naphthalene	86		91		70-130	6		30
Acrylonitrile	79		85		70-130	7		30
n-Propylbenzene	103		100		70-130	3		30
1,2,3-Trichlorobenzene	91		93		70-130	2		30
1,2,4-Trichlorobenzene	99		97		70-130	2		30
1,3,5-Trimethylbenzene	100		96		70-130	4		30
1,2,4-Trimethylbenzene	99		95		70-130	4		30
1,4-Dioxane	78		78		65-136	0		30
p-Diethylbenzene	102		98		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04,06-10 Batch: WG1883559-3 WG1883559-4								
p-Ethyltoluene	104		100		70-130	4		30
1,2,4,5-Tetramethylbenzene	95		94		70-130	1		30
Ethyl ether	74		74		67-130	0		30
trans-1,4-Dichloro-2-butene	86		81		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	100		98		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	100		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05 Batch: WG1884577-3 WG1884577-4								
Methylene chloride	102		93		70-130	9		30
1,1-Dichloroethane	114		108		70-130	5		30
Chloroform	104		101		70-130	3		30
Carbon tetrachloride	99		96		70-130	3		30
1,2-Dichloropropane	115		113		70-130	2		30
Dibromochloromethane	112		113		70-130	1		30
1,1,2-Trichloroethane	106		108		70-130	2		30
Tetrachloroethene	109		111		70-130	2		30
Chlorobenzene	117		117		70-130	0		30
Trichlorofluoromethane	98		89		70-139	10		30
1,2-Dichloroethane	91		90		70-130	1		30
1,1,1-Trichloroethane	100		97		70-130	3		30
Bromodichloromethane	105		106		70-130	1		30
trans-1,3-Dichloropropene	111		114		70-130	3		30
cis-1,3-Dichloropropene	119		119		70-130	0		30
1,1-Dichloropropene	109		105		70-130	4		30
Bromoform	112		114		70-130	2		30
1,1,2,2-Tetrachloroethane	103		107		70-130	4		30
Benzene	120		117		70-130	3		30
Toluene	121		116		70-130	4		30
Ethylbenzene	116		115		70-130	1		30
Chloromethane	123		111		52-130	10		30
Bromomethane	87		74		57-147	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05 Batch: WG1884577-3 WG1884577-4								
Vinyl chloride	104		94		67-130	10		30
Chloroethane	92		81		50-151	13		30
1,1-Dichloroethene	112		102		65-135	9		30
trans-1,2-Dichloroethene	120		112		70-130	7		30
Trichloroethene	110		109		70-130	1		30
1,2-Dichlorobenzene	113		113		70-130	0		30
1,3-Dichlorobenzene	116		116		70-130	0		30
1,4-Dichlorobenzene	113		113		70-130	0		30
Methyl tert butyl ether	112		107		66-130	5		30
p/m-Xylene	120		119		70-130	1		30
o-Xylene	116		114		70-130	2		30
cis-1,2-Dichloroethene	110		109		70-130	1		30
Dibromomethane	101		102		70-130	1		30
Styrene	115		113		70-130	2		30
Dichlorodifluoromethane	113		102		30-146	10		30
Acetone	97		78		54-140	22		30
Carbon disulfide	129		115		59-130	11		30
2-Butanone	108		99		70-130	9		30
Vinyl acetate	100		96		70-130	4		30
4-Methyl-2-pentanone	102		104		70-130	2		30
1,2,3-Trichloropropane	97		100		68-130	3		30
2-Hexanone	91		97		70-130	6		30
Bromochloromethane	113		109		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05 Batch: WG1884577-3 WG1884577-4								
2,2-Dichloropropane	115		109		70-130	5		30
1,2-Dibromoethane	102		103		70-130	1		30
1,3-Dichloropropane	109		111		69-130	2		30
1,1,1,2-Tetrachloroethane	114		113		70-130	1		30
Bromobenzene	107		115		70-130	7		30
n-Butylbenzene	120		119		70-130	1		30
sec-Butylbenzene	120		119		70-130	1		30
tert-Butylbenzene	117		118		70-130	1		30
o-Chlorotoluene	110		111		70-130	1		30
p-Chlorotoluene	109		110		70-130	1		30
1,2-Dibromo-3-chloropropane	105		113		68-130	7		30
Hexachlorobutadiene	121		122		67-130	1		30
Isopropylbenzene	120		119		70-130	1		30
p-Isopropyltoluene	122		121		70-130	1		30
Naphthalene	112		117		70-130	4		30
Acrylonitrile	111		106		70-130	5		30
n-Propylbenzene	114		118		70-130	3		30
1,2,3-Trichlorobenzene	114		122		70-130	7		30
1,2,4-Trichlorobenzene	124		125		70-130	1		30
1,3,5-Trimethylbenzene	113		115		70-130	2		30
1,2,4-Trimethylbenzene	115		115		70-130	0		30
1,4-Dioxane	101		102		65-136	1		30
p-Diethylbenzene	125		123		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05 Batch: WG1884577-3 WG1884577-4								
p-Ethyltoluene	119		120		70-130	1		30
1,2,4,5-Tetramethylbenzene	115		118		70-130	3		30
Ethyl ether	121		112		67-130	8		30
trans-1,4-Dichloro-2-butene	98		100		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		88		70-130
Toluene-d8	115		111		70-130
4-Bromofluorobenzene	97		108		70-130
Dibromofluoromethane	102		100		70-130

SEMIVOLATILES

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01
Client ID: SB-25 (1-1.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:00
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/24 17:17
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	4800		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	48	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01 Date Collected: 02/06/24 08:00

Client ID: SB-25 (1-1.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	3300		ug/kg	100	20.	1
Benzo(a)pyrene	3400		ug/kg	140	42.	1
Benzo(b)fluoranthene	4000		ug/kg	100	29.	1
Benzo(k)fluoranthene	1400		ug/kg	100	28.	1
Chrysene	3300		ug/kg	100	18.	1
Acenaphthylene	1600		ug/kg	140	27.	1
Anthracene	900		ug/kg	100	34.	1
Benzo(ghi)perylene	2100		ug/kg	140	20.	1
Fluorene	82	J	ug/kg	170	17.	1
Phenanthrene	340		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	570		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2100		ug/kg	140	24.	1
Pyrene	4600		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	27	J	ug/kg	170	16.	1
2-Methylnaphthalene	24	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01 Date Collected: 02/06/24 08:00

Client ID: SB-25 (1-1.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	60	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	11200	J	ug/kg			1
Unknown PAH	365	J	ug/kg			1
Unknown	879	J	ug/kg			1
Unknown PAH	2230	J	ug/kg			1
Unknown PAH	559	J	ug/kg			1
Unknown PAH	956	J	ug/kg			1
Unknown PAH	678	J	ug/kg			1
Unknown PAH	684	J	ug/kg			1
Unknown PAH	686	J	ug/kg			1
Unknown PAH	434	J	ug/kg			1
Unknown PAH	636	J	ug/kg			1
Unknown PAH	684	J	ug/kg			1
Unknown PAH	929	J	ug/kg			1
Unknown	384	J	ug/kg			1
Unknown PAH	680	J	ug/kg			1
Unknown	417	J	ug/kg			1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01 Date Collected: 02/06/24 08:00

Client ID: SB-25 (1-1.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	61		18-120

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02
Client ID: SB-26 (2.5-3) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:30
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/24 17:41
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	210		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	4600		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	34	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02 Date Collected: 02/06/24 08:30

Client ID: SB-26 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2000		ug/kg	100	20.	1
Benzo(a)pyrene	1700		ug/kg	140	43.	1
Benzo(b)fluoranthene	2000		ug/kg	100	30.	1
Benzo(k)fluoranthene	780		ug/kg	100	28.	1
Chrysene	1700		ug/kg	100	18.	1
Acenaphthylene	120	J	ug/kg	140	27.	1
Anthracene	1000		ug/kg	100	34.	1
Benzo(ghi)perylene	1100		ug/kg	140	21.	1
Fluorene	260		ug/kg	180	17.	1
Phenanthrene	3300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	260		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	140	25.	1
Pyrene	3800		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	150	J	ug/kg	180	17.	1
2-Methylnaphthalene	38	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02 Date Collected: 02/06/24 08:30

Client ID: SB-26 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	210		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	6930	J	ug/kg			1
Unknown PAH	507	J	ug/kg			1
Unknown	1060	J	ug/kg			1
Unknown PAH	378	J	ug/kg			1
Unknown PAH	425	J	ug/kg			1
Unknown PAH	450	J	ug/kg			1
Unknown PAH	255	J	ug/kg			1
Unknown PAH	359	J	ug/kg			1
Unknown PAH	408	J	ug/kg			1
Unknown PAH	268	J	ug/kg			1
Unknown PAH	1190	J	ug/kg			1
Unknown Thiophene	226	J	ug/kg			1
Unknown	676	J	ug/kg			1
Unknown PAH	242	J	ug/kg			1
Unknown	268	J	ug/kg			1
Unknown PAH	217	J	ug/kg			1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02 Date Collected: 02/06/24 08:30

Client ID: SB-26 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	54		18-120

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03
Client ID: SB-27 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:50
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/24 18:05
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	43	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	580		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	23	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03 Date Collected: 02/06/24 08:50

Client ID: SB-27 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	280		ug/kg	100	20.	1
Benzo(a)pyrene	280		ug/kg	140	43.	1
Benzo(b)fluoranthene	330		ug/kg	100	30.	1
Benzo(k)fluoranthene	130		ug/kg	100	28.	1
Chrysene	280		ug/kg	100	18.	1
Acenaphthylene	54	J	ug/kg	140	27.	1
Anthracene	74	J	ug/kg	100	34.	1
Benzo(ghi)perylene	200		ug/kg	140	21.	1
Fluorene	24	J	ug/kg	180	17.	1
Phenanthrene	300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	46	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	180		ug/kg	140	24.	1
Pyrene	550		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	21	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03 Date Collected: 02/06/24 08:50

Client ID: SB-27 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	32	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	804	J	ug/kg			1
Unknown	214	J	ug/kg			1
Unknown Benzene	381	J	ug/kg			1
Unknown PAH	209	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	60		18-120

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04
Client ID: SB-28 (3-3.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 09:30
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/24 18:30
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	27	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	350		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04 Date Collected: 02/06/24 09:30

Client ID: SB-28 (3-3.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	180		ug/kg	100	20.	1
Benzo(a)pyrene	200		ug/kg	140	43.	1
Benzo(b)fluoranthene	240		ug/kg	100	30.	1
Benzo(k)fluoranthene	96	J	ug/kg	100	28.	1
Chrysene	180		ug/kg	100	18.	1
Acenaphthylene	39	J	ug/kg	140	27.	1
Anthracene	60	J	ug/kg	100	34.	1
Benzo(ghi)perylene	150		ug/kg	140	21.	1
Fluorene	23	J	ug/kg	180	17.	1
Phenanthrene	220		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	140	24.	1
Pyrene	340		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	32	J	ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04 Date Collected: 02/06/24 09:30

Client ID: SB-28 (3-3.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	22	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	5730	J	ug/kg			1
Unknown Naphthalene	194	J	ug/kg			1
Unknown Alkane	412	J	ug/kg			1
Unknown Alkane	420	J	ug/kg			1
Unknown Alkane	719	J	ug/kg			1
Unknown	268	J	ug/kg			1
Unknown Alkane	338	J	ug/kg			1
Unknown Alkane	524	J	ug/kg			1
Unknown Alkane	417	J	ug/kg			1
Unknown Alkane	554	J	ug/kg			1
Unknown	209	J	ug/kg			1
Unknown Alkane	267	J	ug/kg			1
Unknown Alkane	448	J	ug/kg			1
Unknown PAH	248	J	ug/kg			1
Unknown	182	J	ug/kg			1
Unknown Alkane	529	J	ug/kg			1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04 Date Collected: 02/06/24 09:30

Client ID: SB-28 (3-3.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	48		18-120

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05
Client ID: SB-29 (2-2.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 10:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/24 18:54
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	1200		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	86	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05 Date Collected: 02/06/24 10:20

Client ID: SB-29 (2-2.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	580		ug/kg	100	20.	1
Benzo(a)pyrene	510		ug/kg	140	43.	1
Benzo(b)fluoranthene	620		ug/kg	100	30.	1
Benzo(k)fluoranthene	180		ug/kg	100	28.	1
Chrysene	540		ug/kg	100	18.	1
Acenaphthylene	57	J	ug/kg	140	27.	1
Anthracene	320		ug/kg	100	34.	1
Benzo(ghi)perylene	330		ug/kg	140	21.	1
Fluorene	150	J	ug/kg	180	17.	1
Phenanthrene	1300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	80	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	310		ug/kg	140	24.	1
Pyrene	1200		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	73	J	ug/kg	180	17.	1
2-Methylnaphthalene	52	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05 Date Collected: 02/06/24 10:20

Client ID: SB-29 (2-2.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	96	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	1910	J	ug/kg			1
Unknown PAH	287	J	ug/kg			1
Unknown	168	J	ug/kg			1
Unknown	241	J	ug/kg			1
Unknown PAH	232	J	ug/kg			1
Unknown PAH	350	J	ug/kg			1
Unknown PAH	437	J	ug/kg			1
Unknown PAH	190	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	56		18-120

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06
Client ID: SB-30 (2.5-3) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 13:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/24 19:18
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	39	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	900		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06 Date Collected: 02/06/24 13:20

Client ID: SB-30 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	580		ug/kg	110	20.	1
Benzo(a)pyrene	480		ug/kg	140	43.	1
Benzo(b)fluoranthene	530		ug/kg	110	30.	1
Benzo(k)fluoranthene	190		ug/kg	110	28.	1
Chrysene	560		ug/kg	110	18.	1
Acenaphthylene	71	J	ug/kg	140	27.	1
Anthracene	170		ug/kg	110	35.	1
Benzo(ghi)perylene	300		ug/kg	140	21.	1
Fluorene	39	J	ug/kg	180	17.	1
Phenanthrene	620		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	77	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	280		ug/kg	140	25.	1
Pyrene	1100		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06 Date Collected: 02/06/24 13:20

Client ID: SB-30 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	36	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	1800	J	ug/kg			1
Unknown	465	J	ug/kg			1
Unknown PAH	200	J	ug/kg			1
Unknown PAH	243	J	ug/kg			1
Unknown	207	J	ug/kg			1
Unknown PAH	326	J	ug/kg			1
Unknown	213	J	ug/kg			1
Unknown	146	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	53		18-120

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07
Client ID: SB-31 (0.5-1) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 11:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/24 19:42
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	94	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07 Date Collected: 02/06/24 11:20

Client ID: SB-31 (0.5-1) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	82	J	ug/kg	110	20.	1
Benzo(a)pyrene	56	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	60	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	79	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	30	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	54	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	26	J	ug/kg	140	25.	1
Pyrene	160		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07 Date Collected: 02/06/24 11:20

Client ID: SB-31 (0.5-1) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	69		18-120

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08
Client ID: SB-32 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 12:10
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/24 20:06
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3700		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	11000	E	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	5000		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08 Date Collected: 02/06/24 12:10

Client ID: SB-32 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	6700		ug/kg	110	20.	1
Benzo(a)pyrene	6300		ug/kg	140	43.	1
Benzo(b)fluoranthene	7400	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	2200		ug/kg	110	28.	1
Chrysene	5800		ug/kg	110	18.	1
Acenaphthylene	890		ug/kg	140	27.	1
Anthracene	5100		ug/kg	110	35.	1
Benzo(ghi)perylene	3800		ug/kg	140	21.	1
Fluorene	3500		ug/kg	180	17.	1
Phenanthrene	11000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1000		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	3900		ug/kg	140	25.	1
Pyrene	9500	E	ug/kg	110	18.	1
Biphenyl	340	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	2200		ug/kg	180	17.	1
2-Methylnaphthalene	1200		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08 Date Collected: 02/06/24 12:10

Client ID: SB-32 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	2400		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	18800	J	ug/kg			1
Unknown PAH	1530	J	ug/kg			1
Unknown	406	J	ug/kg			1
Unknown PAH	1140	J	ug/kg			1
Unknown PAH	1460	J	ug/kg			1
Unknown PAH	1810	J	ug/kg			1
Unknown	404	J	ug/kg			1
Unknown PAH	458	J	ug/kg			1
Unknown PAH	1540	J	ug/kg			1
Unknown PAH	412	J	ug/kg			1
Unknown PAH	1410	J	ug/kg			1
Unknown PAH	1790	J	ug/kg			1
Unknown PAH	3810	J	ug/kg			1
Unknown PAH	1240	J	ug/kg			1
Unknown	750	J	ug/kg			1
Unknown	624	J	ug/kg			1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08 Date Collected: 02/06/24 12:10

Client ID: SB-32 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	21		10-136
4-Terphenyl-d14	56		18-120

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08 D
Client ID: SB-32 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 12:10
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/12/24 11:53
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	28000		ug/kg	1100	200	10
Benzo(b)fluoranthene	13000		ug/kg	1100	300	10
Phenanthrene	30000		ug/kg	1100	220	10
Pyrene	23000		ug/kg	1100	180	10

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09
Client ID: SB-32 (7-7.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 12:00
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/24 20:31
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	5000		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	16000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	6000		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09 Date Collected: 02/06/24 12:00

Client ID: SB-32 (7-7.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	10000	E	ug/kg	110	20.	1
Benzo(a)pyrene	9700	E	ug/kg	140	44.	1
Benzo(b)fluoranthene	12000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	3000		ug/kg	110	29.	1
Chrysene	8900	E	ug/kg	110	19.	1
Acenaphthylene	2000		ug/kg	140	28.	1
Anthracene	8000	E	ug/kg	110	35.	1
Benzo(ghi)perylene	6300		ug/kg	140	21.	1
Fluorene	5700		ug/kg	180	18.	1
Phenanthrene	16000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1500		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	6300		ug/kg	140	25.	1
Pyrene	14000	E	ug/kg	110	18.	1
Biphenyl	500		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	3300		ug/kg	180	17.	1
2-Methylnaphthalene	1600		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09 Date Collected: 02/06/24 12:00

Client ID: SB-32 (7-7.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	3600		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	38200	J	ug/kg			1
Unknown PAH	7540	J	ug/kg			1
Unknown PAH	3290	J	ug/kg			1
Unknown	1530	J	ug/kg			1
Unknown	732	J	ug/kg			1
Unknown	764	J	ug/kg			1
Unknown PAH	2340	J	ug/kg			1
Unknown PAH	2880	J	ug/kg			1
Unknown PAH	3200	J	ug/kg			1
Unknown	763	J	ug/kg			1
Unknown	772	J	ug/kg			1
Unknown PAH	3530	J	ug/kg			1
Unknown PAH	2770	J	ug/kg			1
Unknown PAH	3080	J	ug/kg			1
Unknown	1370	J	ug/kg			1
Unknown PAH	3660	J	ug/kg			1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09 Date Collected: 02/06/24 12:00

Client ID: SB-32 (7-7.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	62		18-120

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09 D
Client ID: SB-32 (7-7.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 12:00
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/12/24 12:40
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	51000		ug/kg	2200	410	20
Benzo(a)anthracene	20000		ug/kg	2200	410	20
Benzo(a)pyrene	18000		ug/kg	2900	880	20
Benzo(b)fluoranthene	22000		ug/kg	2200	610	20
Chrysene	19000		ug/kg	2200	380	20
Anthracene	16000		ug/kg	2200	700	20
Phenanthrene	53000		ug/kg	2200	440	20
Pyrene	40000		ug/kg	2200	360	20

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10
Client ID: SB-33 (3.5-4) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 11:40
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/10/24 20:55
Analyst: IM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10 Date Collected: 02/06/24 11:40

Client ID: SB-33 (3.5-4) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10 Date Collected: 02/06/24 11:40

Client ID: SB-33 (3.5-4) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	57		18-120

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/10/24 10:50
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1883297-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/10/24 10:50
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1883297-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/10/24 10:50
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/09/24 05:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1883297-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1883297-2 WG1883297-3								
Acenaphthene	63		69		31-137	9		50
1,2,4-Trichlorobenzene	60		64		38-107	6		50
Hexachlorobenzene	68		74		40-140	8		50
Bis(2-chloroethyl)ether	60		63		40-140	5		50
2-Chloronaphthalene	64		70		40-140	9		50
1,2-Dichlorobenzene	58		61		40-140	5		50
1,3-Dichlorobenzene	57		61		40-140	7		50
1,4-Dichlorobenzene	57		60		28-104	5		50
3,3'-Dichlorobenzidine	52		57		40-140	9		50
2,4-Dinitrotoluene	71		77		40-132	8		50
2,6-Dinitrotoluene	76		81		40-140	6		50
Fluoranthene	65		71		40-140	9		50
4-Chlorophenyl phenyl ether	64		70		40-140	9		50
4-Bromophenyl phenyl ether	66		72		40-140	9		50
Bis(2-chloroisopropyl)ether	56		60		40-140	7		50
Bis(2-chloroethoxy)methane	63		67		40-117	6		50
Hexachlorobutadiene	60		66		40-140	10		50
Hexachlorocyclopentadiene	87		96		40-140	10		50
Hexachloroethane	58		62		40-140	7		50
Isophorone	63		68		40-140	8		50
Naphthalene	59		65		40-140	10		50
Nitrobenzene	62		65		40-140	5		50
NDPA/DPA	66		72		36-157	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1883297-2 WG1883297-3								
n-Nitrosodi-n-propylamine	62		67		32-121	8		50
Bis(2-ethylhexyl)phthalate	70		77		40-140	10		50
Butyl benzyl phthalate	73		81		40-140	10		50
Di-n-butylphthalate	68		74		40-140	8		50
Di-n-octylphthalate	74		82		40-140	10		50
Diethyl phthalate	66		72		40-140	9		50
Dimethyl phthalate	68		73		40-140	7		50
Benzo(a)anthracene	62		68		40-140	9		50
Benzo(a)pyrene	67		75		40-140	11		50
Benzo(b)fluoranthene	63		70		40-140	11		50
Benzo(k)fluoranthene	66		75		40-140	13		50
Chrysene	62		68		40-140	9		50
Acenaphthylene	66		71		40-140	7		50
Anthracene	64		70		40-140	9		50
Benzo(ghi)perylene	65		73		40-140	12		50
Fluorene	64		70		40-140	9		50
Phenanthrene	61		68		40-140	11		50
Dibenzo(a,h)anthracene	64		72		40-140	12		50
Indeno(1,2,3-cd)pyrene	65		73		40-140	12		50
Pyrene	64		70		35-142	9		50
Biphenyl	60		65		37-127	8		50
4-Chloroaniline	52		55		40-140	6		50
2-Nitroaniline	76		84		47-134	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1883297-2 WG1883297-3								
3-Nitroaniline	57		59		26-129	3		50
4-Nitroaniline	69		75		41-125	8		50
Dibenzofuran	62		68		40-140	9		50
2-Methylnaphthalene	63		69		40-140	9		50
1,2,4,5-Tetrachlorobenzene	58		63		40-117	8		50
Acetophenone	58		62		14-144	7		50
2,4,6-Trichlorophenol	69		75		30-130	8		50
p-Chloro-m-cresol	70		76		26-103	8		50
2-Chlorophenol	63		68		25-102	8		50
2,4-Dichlorophenol	69		72		30-130	4		50
2,4-Dimethylphenol	88		94		30-130	7		50
2-Nitrophenol	72		77		30-130	7		50
4-Nitrophenol	68		76		11-114	11		50
2,4-Dinitrophenol	40		54		4-130	30		50
4,6-Dinitro-o-cresol	66		75		10-130	13		50
Pentachlorophenol	68		77		17-109	12		50
Phenol	63		67		26-90	6		50
2-Methylphenol	67		71		30-130.	6		50
3-Methylphenol/4-Methylphenol	67		71		30-130	6		50
2,4,5-Trichlorophenol	70		76		30-130	8		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	63		68		40-140	8		50
Carbazole	62		69		54-128	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1883297-2 WG1883297-3								
1,4-Dioxane	42		45		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		70		25-120
Phenol-d6	66		71		10-120
Nitrobenzene-d5	64		69		23-120
2-Fluorobiphenyl	66		71		30-120
2,4,6-Tribromophenol	77		85		10-136
4-Terphenyl-d14	66		74		18-120

PCBS

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01
Client ID: SB-25 (1-1.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:00
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/24 11:03
Analyst: KB
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.7	4.50	1	A
Aroclor 1221	ND		ug/kg	50.7	5.08	1	A
Aroclor 1232	ND		ug/kg	50.7	10.8	1	A
Aroclor 1242	ND		ug/kg	50.7	6.84	1	A
Aroclor 1248	ND		ug/kg	50.7	7.61	1	A
Aroclor 1254	ND		ug/kg	50.7	5.55	1	A
Aroclor 1260	ND		ug/kg	50.7	9.37	1	B
Aroclor 1262	ND		ug/kg	50.7	6.44	1	A
Aroclor 1268	ND		ug/kg	50.7	5.26	1	B
PCBs, Total	ND		ug/kg	50.7	4.50	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02
Client ID: SB-26 (2.5-3) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:30
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/24 11:13
Analyst: KB
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.7	4.59	1	A
Aroclor 1221	ND		ug/kg	51.7	5.18	1	A
Aroclor 1232	ND		ug/kg	51.7	11.0	1	A
Aroclor 1242	ND		ug/kg	51.7	6.97	1	A
Aroclor 1248	ND		ug/kg	51.7	7.75	1	A
Aroclor 1254	6.66	J	ug/kg	51.7	5.65	1	B
Aroclor 1260	ND		ug/kg	51.7	9.55	1	B
Aroclor 1262	ND		ug/kg	51.7	6.56	1	A
Aroclor 1268	ND		ug/kg	51.7	5.35	1	A
PCBs, Total	6.66	J	ug/kg	51.7	4.59	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03
Client ID: SB-27 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:50
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/24 11:23
Analyst: KB
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:53
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.0	4.62	1	A
Aroclor 1221	ND		ug/kg	52.0	5.21	1	A
Aroclor 1232	ND		ug/kg	52.0	11.0	1	A
Aroclor 1242	ND		ug/kg	52.0	7.01	1	A
Aroclor 1248	ND		ug/kg	52.0	7.80	1	A
Aroclor 1254	9.16	J	ug/kg	52.0	5.69	1	B
Aroclor 1260	ND		ug/kg	52.0	9.61	1	B
Aroclor 1262	ND		ug/kg	52.0	6.60	1	A
Aroclor 1268	ND		ug/kg	52.0	5.39	1	A
PCBs, Total	9.16	J	ug/kg	52.0	4.62	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04
Client ID: SB-28 (3-3.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 09:30
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/24 11:33
Analyst: KB
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:53
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.4	4.56	1	A
Aroclor 1221	ND		ug/kg	51.4	5.15	1	A
Aroclor 1232	ND		ug/kg	51.4	10.9	1	A
Aroclor 1242	ND		ug/kg	51.4	6.93	1	A
Aroclor 1248	ND		ug/kg	51.4	7.71	1	A
Aroclor 1254	7.02	J	ug/kg	51.4	5.62	1	B
Aroclor 1260	ND		ug/kg	51.4	9.50	1	A
Aroclor 1262	ND		ug/kg	51.4	6.53	1	A
Aroclor 1268	ND		ug/kg	51.4	5.32	1	A
PCBs, Total	7.02	J	ug/kg	51.4	4.56	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05
Client ID: SB-29 (2-2.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 10:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/24 11:43
Analyst: KB
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:53
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.9	4.52	1	A
Aroclor 1221	ND		ug/kg	50.9	5.10	1	A
Aroclor 1232	ND		ug/kg	50.9	10.8	1	A
Aroclor 1242	ND		ug/kg	50.9	6.86	1	A
Aroclor 1248	ND		ug/kg	50.9	7.64	1	A
Aroclor 1254	ND		ug/kg	50.9	5.57	1	A
Aroclor 1260	ND		ug/kg	50.9	9.41	1	B
Aroclor 1262	ND		ug/kg	50.9	6.47	1	A
Aroclor 1268	ND		ug/kg	50.9	5.28	1	A
PCBs, Total	ND		ug/kg	50.9	4.52	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06
Client ID: SB-30 (2.5-3) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 13:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/24 11:53
Analyst: KB
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:53
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.4	4.74	1	A
Aroclor 1221	ND		ug/kg	53.4	5.35	1	A
Aroclor 1232	ND		ug/kg	53.4	11.3	1	A
Aroclor 1242	ND		ug/kg	53.4	7.20	1	A
Aroclor 1248	ND		ug/kg	53.4	8.01	1	A
Aroclor 1254	ND		ug/kg	53.4	5.84	1	A
Aroclor 1260	11.8	J	ug/kg	53.4	9.87	1	A
Aroclor 1262	ND		ug/kg	53.4	6.78	1	A
Aroclor 1268	8.00	J	ug/kg	53.4	5.53	1	B
PCBs, Total	19.8	J	ug/kg	53.4	4.74	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07
Client ID: SB-31 (0.5-1) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 11:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/24 12:03
Analyst: KB
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:53
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.5	4.66	1	A
Aroclor 1221	ND		ug/kg	52.5	5.26	1	A
Aroclor 1232	ND		ug/kg	52.5	11.1	1	A
Aroclor 1242	ND		ug/kg	52.5	7.07	1	A
Aroclor 1248	ND		ug/kg	52.5	7.87	1	A
Aroclor 1254	ND		ug/kg	52.5	5.74	1	A
Aroclor 1260	ND		ug/kg	52.5	9.70	1	A
Aroclor 1262	ND		ug/kg	52.5	6.66	1	A
Aroclor 1268	ND		ug/kg	52.5	5.44	1	A
PCBs, Total	ND		ug/kg	52.5	4.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08
Client ID: SB-32 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 12:10
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/24 13:58
Analyst: KB
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:53
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.8	4.42	1	A
Aroclor 1221	ND		ug/kg	49.8	4.99	1	A
Aroclor 1232	ND		ug/kg	49.8	10.6	1	A
Aroclor 1242	ND		ug/kg	49.8	6.72	1	A
Aroclor 1248	ND		ug/kg	49.8	7.47	1	A
Aroclor 1254	ND		ug/kg	49.8	5.45	1	A
Aroclor 1260	ND		ug/kg	49.8	9.21	1	B
Aroclor 1262	ND		ug/kg	49.8	6.33	1	A
Aroclor 1268	ND		ug/kg	49.8	5.16	1	A
PCBs, Total	ND		ug/kg	49.8	4.42	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09
Client ID: SB-32 (7-7.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 12:00
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/24 14:08
Analyst: KB
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:53
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.6	4.67	1	A
Aroclor 1221	ND		ug/kg	52.6	5.27	1	A
Aroclor 1232	ND		ug/kg	52.6	11.2	1	A
Aroclor 1242	ND		ug/kg	52.6	7.09	1	A
Aroclor 1248	ND		ug/kg	52.6	7.89	1	A
Aroclor 1254	ND		ug/kg	52.6	5.76	1	A
Aroclor 1260	ND		ug/kg	52.6	9.72	1	A
Aroclor 1262	ND		ug/kg	52.6	6.68	1	A
Aroclor 1268	ND		ug/kg	52.6	5.45	1	A
PCBs, Total	ND		ug/kg	52.6	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10
Client ID: SB-33 (3.5-4) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 11:40
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/10/24 14:18
Analyst: KB
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:53
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.5	4.49	1	A
Aroclor 1221	ND		ug/kg	50.5	5.06	1	A
Aroclor 1232	ND		ug/kg	50.5	10.7	1	A
Aroclor 1242	ND		ug/kg	50.5	6.81	1	A
Aroclor 1248	ND		ug/kg	50.5	7.58	1	A
Aroclor 1254	ND		ug/kg	50.5	5.53	1	A
Aroclor 1260	ND		ug/kg	50.5	9.34	1	A
Aroclor 1262	ND		ug/kg	50.5	6.42	1	A
Aroclor 1268	ND		ug/kg	50.5	5.23	1	A
PCBs, Total	ND		ug/kg	50.5	4.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/10/24 08:52
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 02/08/24 23:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG1883248-1						
Aroclor 1016	ND		ug/kg	48.4	4.30	A
Aroclor 1221	ND		ug/kg	48.4	4.85	A
Aroclor 1232	ND		ug/kg	48.4	10.3	A
Aroclor 1242	ND		ug/kg	48.4	6.53	A
Aroclor 1248	ND		ug/kg	48.4	7.27	A
Aroclor 1254	ND		ug/kg	48.4	5.30	A
Aroclor 1260	ND		ug/kg	48.4	8.95	A
Aroclor 1262	ND		ug/kg	48.4	6.15	A
Aroclor 1268	ND		ug/kg	48.4	5.02	A
PCBs, Total	ND		ug/kg	48.4	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1883248-2 WG1883248-3									
Aroclor 1016	70		92		40-140	27		50	A
Aroclor 1260	76		100		40-140	27		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		81		30-150	A
Decachlorobiphenyl	75		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		84		30-150	B
Decachlorobiphenyl	57		74		30-150	B

PESTICIDES

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01
Client ID: SB-25 (1-1.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:00
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/24 10:53
Analyst: JAG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.318	1	A
Lindane	ND		ug/kg	0.677	0.303	1	A
Alpha-BHC	ND		ug/kg	0.677	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.616	1	A
Heptachlor	ND		ug/kg	0.813	0.364	1	A
Aldrin	ND		ug/kg	1.62	0.572	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.914	1	A
Endrin	ND		ug/kg	0.677	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.711	1	A
Endrin ketone	ND		ug/kg	1.62	0.419	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	1.03	J	ug/kg	1.62	0.376	1	A
4,4'-DDD	1.71		ug/kg	1.62	0.580	1	A
4,4'-DDT	ND		ug/kg	1.62	1.31	1	A
Endosulfan I	ND		ug/kg	1.62	0.384	1	A
Endosulfan II	ND		ug/kg	1.62	0.543	1	A
Endosulfan sulfate	ND		ug/kg	0.677	0.322	1	A
Methoxychlor	ND		ug/kg	3.05	0.948	1	A
Toxaphene	ND		ug/kg	30.5	8.54	1	A
cis-Chlordane	0.609	JIP	ug/kg	2.03	0.566	1	B
trans-Chlordane	0.614	JIP	ug/kg	2.03	0.536	1	B
Chlordane	ND		ug/kg	13.5	5.38	1	A

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01 Date Collected: 02/06/24 08:00

Client ID: SB-25 (1-1.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02
Client ID: SB-26 (2.5-3) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:30
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/24 11:04
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.685	0.306	1	A
Alpha-BHC	ND		ug/kg	0.685	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.822	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.925	1	A
Endrin	ND		ug/kg	0.685	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.719	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	0.900	J	ug/kg	1.64	0.380	1	A
4,4'-DDD	2.61		ug/kg	1.64	0.586	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.685	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.959	1	A
Toxaphene	ND		ug/kg	30.8	8.63	1	A
cis-Chlordane	ND	IP	ug/kg	2.06	0.573	1	B
trans-Chlordane	1.75	J	ug/kg	2.06	0.542	1	A
Chlordane	ND		ug/kg	13.7	5.45	1	A

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02 Date Collected: 02/06/24 08:30

Client ID: SB-26 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	133		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03
Client ID: SB-27 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 08:50
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/24 11:15
Analyst: JAG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.838	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.943	1	A
Endrin	ND		ug/kg	0.699	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	0.576	J	ug/kg	1.68	0.388	1	A
4,4'-DDD	ND	IP	ug/kg	1.68	0.598	1	B
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.14	0.978	1	A
Toxaphene	ND		ug/kg	31.4	8.80	1	A
cis-Chlordane	1.18	JIP	ug/kg	2.10	0.584	1	B
trans-Chlordane	1.37	JIP	ug/kg	2.10	0.553	1	B
Chlordane	ND		ug/kg	14.0	5.55	1	A

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03 Date Collected: 02/06/24 08:50

Client ID: SB-27 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04
Client ID: SB-28 (3-3.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 09:30
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/24 11:27
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.698	0.312	1	A
Alpha-BHC	ND		ug/kg	0.698	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.635	1	A
Heptachlor	ND		ug/kg	0.838	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.590	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.14	0.942	1	B
Endrin	ND		ug/kg	0.698	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.733	1	A
Endrin ketone	ND		ug/kg	1.68	0.431	1	A
Dieldrin	0.949	J	ug/kg	1.05	0.524	1	A
4,4'-DDE	0.937	J	ug/kg	1.68	0.387	1	A
4,4'-DDD	1.17	J	ug/kg	1.68	0.598	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.698	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.977	1	A
Toxaphene	ND		ug/kg	31.4	8.80	1	A
cis-Chlordane	1.10	J	ug/kg	2.09	0.584	1	A
trans-Chlordane	0.873	JIP	ug/kg	2.09	0.553	1	B
Chlordane	ND		ug/kg	14.0	5.55	1	A

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04 Date Collected: 02/06/24 09:30

Client ID: SB-28 (3-3.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05
Client ID: SB-29 (2-2.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 10:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/24 11:38
Analyst: JAG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.702	0.314	1	A
Alpha-BHC	ND		ug/kg	0.702	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.639	1	A
Heptachlor	ND		ug/kg	0.843	0.378	1	A
Aldrin	ND		ug/kg	1.68	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.948	1	A
Endrin	ND		ug/kg	0.702	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.68	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	1.04	J	ug/kg	1.68	0.390	1	A
4,4'-DDD	2.77		ug/kg	1.68	0.601	1	A
4,4'-DDT	ND		ug/kg	1.68	1.36	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.563	1	A
Endosulfan sulfate	ND		ug/kg	0.702	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.983	1	A
Toxaphene	ND		ug/kg	31.6	8.85	1	A
cis-Chlordane	0.707	JIP	ug/kg	2.11	0.587	1	B
trans-Chlordane	1.08	JIP	ug/kg	2.11	0.556	1	B
Chlordane	ND		ug/kg	14.0	5.58	1	A

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05 Date Collected: 02/06/24 10:20

Client ID: SB-29 (2-2.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06
Client ID: SB-30 (2.5-3) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 13:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/24 11:49
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.328	1	A
Lindane	ND		ug/kg	0.698	0.312	1	A
Alpha-BHC	ND		ug/kg	0.698	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.635	1	A
Heptachlor	ND		ug/kg	0.838	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.698	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.733	1	A
Endrin ketone	ND		ug/kg	1.68	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	0.984	J	ug/kg	1.68	0.387	1	A
4,4'-DDD	3.49		ug/kg	1.68	0.598	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	B
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.698	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.977	1	A
Toxaphene	ND		ug/kg	31.4	8.80	1	A
cis-Chlordane	4.11		ug/kg	2.09	0.584	1	A
trans-Chlordane	4.41		ug/kg	2.09	0.553	1	A
Chlordane	ND		ug/kg	14.0	5.55	1	A

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06 Date Collected: 02/06/24 13:20

Client ID: SB-30 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07
Client ID: SB-31 (0.5-1) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 11:20
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/24 12:00
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.318	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.648	1	A
Heptachlor	ND		ug/kg	0.855	0.383	1	A
Aldrin	ND		ug/kg	1.71	0.602	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.962	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.748	1	A
Endrin ketone	ND		ug/kg	1.71	0.440	1	A
Dieldrin	ND		ug/kg	1.07	0.534	1	A
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.610	1	A
4,4'-DDT	ND		ug/kg	1.71	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND		ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.339	1	A
Methoxychlor	ND		ug/kg	3.21	0.998	1	A
Toxaphene	ND		ug/kg	32.1	8.98	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.564	1	A
Chlordane	ND		ug/kg	14.2	5.66	1	A

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07 Date Collected: 02/06/24 11:20

Client ID: SB-31 (0.5-1) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08
Client ID: SB-32 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 12:10
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/24 12:12
Analyst: JAG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.694	0.310	1	A
Alpha-BHC	ND		ug/kg	0.694	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.632	1	A
Heptachlor	0.705	J	ug/kg	0.833	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.12	0.937	1	A
Endrin	ND		ug/kg	0.694	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.729	1	A
Endrin ketone	ND		ug/kg	1.66	0.429	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	1.72		ug/kg	1.66	0.385	1	B
4,4'-DDD	ND		ug/kg	1.66	0.594	1	A
4,4'-DDT	3.20		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.394	1	A
Endosulfan II	ND		ug/kg	1.66	0.557	1	A
Endosulfan sulfate	ND		ug/kg	0.694	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.972	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	1.29	J	ug/kg	2.08	0.580	1	A
trans-Chlordane	1.21	JIP	ug/kg	2.08	0.550	1	B
Chlordane	ND		ug/kg	13.9	5.52	1	A

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08 Date Collected: 02/06/24 12:10

Client ID: SB-32 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09
Client ID: SB-32 (7-7.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 12:00
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/24 12:23
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.316	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	4.63		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.991	1	A
Toxaphene	ND		ug/kg	31.9	8.92	1	A
cis-Chlordane	150		ug/kg	2.12	0.592	1	A
trans-Chlordane	127		ug/kg	2.12	0.561	1	A
Chlordane	698		ug/kg	14.2	5.63	1	B

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09 Date Collected: 02/06/24 12:00

Client ID: SB-32 (7-7.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10
Client ID: SB-33 (3.5-4) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY

Date Collected: 02/06/24 11:40
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/10/24 12:34
Analyst: JAG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.59	0.312	1	A
Lindane	ND		ug/kg	0.664	0.297	1	A
Alpha-BHC	ND		ug/kg	0.664	0.189	1	A
Beta-BHC	ND		ug/kg	1.59	0.604	1	A
Heptachlor	ND		ug/kg	0.797	0.357	1	A
Aldrin	ND		ug/kg	1.59	0.561	1	A
Heptachlor epoxide	ND		ug/kg	2.99	0.897	1	A
Endrin	ND		ug/kg	0.664	0.272	1	A
Endrin aldehyde	ND		ug/kg	1.99	0.698	1	A
Endrin ketone	ND		ug/kg	1.59	0.410	1	A
Dieldrin	ND		ug/kg	0.996	0.498	1	A
4,4'-DDE	ND		ug/kg	1.59	0.369	1	A
4,4'-DDD	ND		ug/kg	1.59	0.569	1	A
4,4'-DDT	ND		ug/kg	1.59	1.28	1	A
Endosulfan I	ND		ug/kg	1.59	0.377	1	A
Endosulfan II	ND		ug/kg	1.59	0.533	1	A
Endosulfan sulfate	ND		ug/kg	0.664	0.316	1	A
Methoxychlor	ND		ug/kg	2.99	0.930	1	A
Toxaphene	ND		ug/kg	29.9	8.37	1	A
cis-Chlordane	ND		ug/kg	1.99	0.555	1	A
trans-Chlordane	ND		ug/kg	1.99	0.526	1	A
Chlordane	ND		ug/kg	13.3	5.28	1	A

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10 Date Collected: 02/06/24 11:40

Client ID: SB-33 (3.5-4) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/10/24 09:12
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1883266-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.286	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.583	A
Heptachlor	ND		ug/kg	0.769	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin aldehyde	ND		ug/kg	1.92	0.673	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.897	A
Toxaphene	ND		ug/kg	28.8	8.08	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.8	5.10	A

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/10/24 09:12
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 02/09/24 01:14
Cleanup Method: EPA 3620B
Cleanup Date: 02/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 02/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1883266-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	88		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1883266-2 WG1883266-3									
Delta-BHC	88		79		30-150	11		30	A
Lindane	88		78		30-150	12		30	A
Alpha-BHC	87		76		30-150	13		30	A
Beta-BHC	90		81		30-150	11		30	A
Heptachlor	88		75		30-150	16		30	A
Aldrin	86		75		30-150	14		30	A
Heptachlor epoxide	87		78		30-150	11		30	A
Endrin	94		83		30-150	12		30	A
Endrin aldehyde	87		72		30-150	19		30	A
Endrin ketone	94		82		30-150	14		30	A
Dieldrin	99		88		30-150	12		30	A
4,4'-DDE	91		80		30-150	13		30	A
4,4'-DDD	93		82		30-150	13		30	A
4,4'-DDT	101		86		30-150	16		30	A
Endosulfan I	84		75		30-150	11		30	A
Endosulfan II	90		81		30-150	11		30	A
Endosulfan sulfate	91		79		30-150	14		30	A
Methoxychlor	96		84		30-150	13		30	A
cis-Chlordane	85		75		30-150	13		30	A
trans-Chlordane	98		87		30-150	12		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1883266-2 WG1883266-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		62		30-150	A
Decachlorobiphenyl	72		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		54		30-150	B
Decachlorobiphenyl	89		76		30-150	B

METALS

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01 Date Collected: 02/06/24 08:00

Client ID: SB-25 (1-1.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8890		mg/kg	8.21	2.22	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.10	0.312	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Arsenic, Total	2.23		mg/kg	0.821	0.171	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Barium, Total	79.2		mg/kg	0.821	0.143	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.162	J	mg/kg	0.410	0.027	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.821	0.080	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Calcium, Total	9930		mg/kg	8.21	2.87	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Chromium, Total	15.0		mg/kg	0.821	0.079	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Cobalt, Total	10.7		mg/kg	1.64	0.136	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Copper, Total	40.0		mg/kg	0.821	0.212	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Iron, Total	18400		mg/kg	4.10	0.741	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Lead, Total	49.7		mg/kg	4.10	0.220	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Magnesium, Total	5870		mg/kg	8.21	1.26	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Manganese, Total	235		mg/kg	0.821	0.130	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Mercury, Total	0.174		mg/kg	0.076	0.050	1	02/09/24 02:00	02/12/24 14:52	EPA 7471B	1,7471B	TAA
Nickel, Total	15.2		mg/kg	2.05	0.199	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Potassium, Total	1780		mg/kg	205	11.8	2	02/12/24 14:57	02/12/24 17:24	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.64	0.212	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.410	0.232	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Sodium, Total	456		mg/kg	164	2.58	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Thallium, Total	0.398	J	mg/kg	1.64	0.258	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Vanadium, Total	45.6		mg/kg	0.821	0.167	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW
Zinc, Total	58.0		mg/kg	4.10	0.240	2	02/09/24 01:23	02/11/24 15:29	EPA 3050B	1,6010D	AMW

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02 Date Collected: 02/06/24 08:30

Client ID: SB-26 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6560		mg/kg	8.46	2.28	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.23	0.321	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Arsenic, Total	1.92		mg/kg	0.846	0.176	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Barium, Total	69.4		mg/kg	0.846	0.147	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.171	J	mg/kg	0.423	0.028	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.846	0.083	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Calcium, Total	5660		mg/kg	8.46	2.96	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Chromium, Total	13.2		mg/kg	0.846	0.081	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Cobalt, Total	7.47		mg/kg	1.69	0.140	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Copper, Total	32.7		mg/kg	0.846	0.218	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Iron, Total	15100		mg/kg	4.23	0.764	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Lead, Total	63.6		mg/kg	4.23	0.227	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Magnesium, Total	4940		mg/kg	8.46	1.30	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Manganese, Total	178		mg/kg	0.846	0.134	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Mercury, Total	0.571		mg/kg	0.082	0.053	1	02/09/24 02:00	02/12/24 15:45	EPA 7471B	1,7471B	TAA
Nickel, Total	11.4		mg/kg	2.11	0.205	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Potassium, Total	1340		mg/kg	211	12.1	2	02/12/24 14:57	02/12/24 17:15	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.69	0.218	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.423	0.239	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Sodium, Total	267		mg/kg	169	2.66	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.69	0.266	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Vanadium, Total	29.8		mg/kg	0.846	0.172	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW
Zinc, Total	82.9		mg/kg	4.23	0.248	2	02/09/24 01:23	02/11/24 15:12	EPA 3050B	1,6010D	AMW

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03
Client ID: SB-27 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Date Collected: 02/06/24 08:50
Date Received: 02/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8800		mg/kg	8.22	2.22	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.11	0.312	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Arsenic, Total	2.70		mg/kg	0.822	0.171	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Barium, Total	78.3		mg/kg	0.822	0.143	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.126	J	mg/kg	0.411	0.027	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.822	0.081	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Calcium, Total	8430		mg/kg	8.22	2.88	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Chromium, Total	17.2		mg/kg	0.822	0.079	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Cobalt, Total	11.3		mg/kg	1.64	0.136	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Copper, Total	51.6		mg/kg	0.822	0.212	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Iron, Total	19200		mg/kg	4.11	0.742	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Lead, Total	69.8		mg/kg	4.11	0.220	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Magnesium, Total	7660		mg/kg	8.22	1.26	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Manganese, Total	195		mg/kg	0.822	0.131	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Mercury, Total	0.525		mg/kg	0.074	0.048	1	02/09/24 02:00	02/12/24 15:48	EPA 7471B	1,7471B	TAA
Nickel, Total	17.3		mg/kg	2.05	0.199	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Potassium, Total	1830		mg/kg	206	11.9	2	02/12/24 14:57	02/12/24 17:18	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.64	0.212	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.411	0.232	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Sodium, Total	460		mg/kg	164	2.59	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Thallium, Total	0.346	J	mg/kg	1.64	0.259	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Vanadium, Total	50.3		mg/kg	0.822	0.167	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW
Zinc, Total	64.1		mg/kg	4.11	0.241	2	02/09/24 01:23	02/11/24 15:17	EPA 3050B	1,6010D	AMW

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04 Date Collected: 02/06/24 09:30

Client ID: SB-28 (3-3.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9230		mg/kg	8.58	2.32	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.29	0.326	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Arsenic, Total	2.45		mg/kg	0.858	0.178	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Barium, Total	74.1		mg/kg	0.858	0.149	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.191	J	mg/kg	0.429	0.028	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.858	0.084	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Calcium, Total	5940		mg/kg	8.58	3.00	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Chromium, Total	17.4		mg/kg	0.858	0.082	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Cobalt, Total	10.6		mg/kg	1.72	0.142	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Copper, Total	41.4		mg/kg	0.858	0.221	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Iron, Total	18900		mg/kg	4.29	0.774	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Lead, Total	42.7		mg/kg	4.29	0.230	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Magnesium, Total	6640		mg/kg	8.58	1.32	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Manganese, Total	223		mg/kg	0.858	0.136	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Mercury, Total	0.106		mg/kg	0.081	0.053	1	02/09/24 02:00	02/12/24 15:51	EPA 7471B	1,7471B	TAA
Nickel, Total	16.1		mg/kg	2.14	0.208	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Potassium, Total	1580		mg/kg	211	12.2	2	02/12/24 14:57	02/12/24 17:21	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.72	0.221	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.429	0.243	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Sodium, Total	414		mg/kg	172	2.70	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Thallium, Total	0.422	J	mg/kg	1.72	0.270	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Vanadium, Total	50.1		mg/kg	0.858	0.174	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW
Zinc, Total	65.4		mg/kg	4.29	0.251	2	02/09/24 01:23	02/11/24 15:24	EPA 3050B	1,6010D	AMW

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05 Date Collected: 02/06/24 10:20

Client ID: SB-29 (2-2.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7740		mg/kg	8.22	2.22	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.11	0.312	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Arsenic, Total	2.15		mg/kg	0.822	0.171	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Barium, Total	78.3		mg/kg	0.822	0.143	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.246	J	mg/kg	0.411	0.027	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.084	J	mg/kg	0.822	0.081	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Calcium, Total	13200		mg/kg	8.22	2.88	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Chromium, Total	17.4		mg/kg	0.822	0.079	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Cobalt, Total	9.16		mg/kg	1.64	0.136	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Copper, Total	27.7		mg/kg	0.822	0.212	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Iron, Total	18600		mg/kg	4.11	0.742	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Lead, Total	52.3		mg/kg	4.11	0.220	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Magnesium, Total	9430		mg/kg	8.22	1.26	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Manganese, Total	237		mg/kg	0.822	0.131	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Mercury, Total	0.083		mg/kg	0.075	0.049	1	02/09/24 02:00	02/12/24 15:55	EPA 7471B	1,7471B	TAA
Nickel, Total	16.4		mg/kg	2.05	0.199	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Potassium, Total	1580		mg/kg	205	11.8	2	02/12/24 14:57	02/12/24 17:52	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.64	0.212	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Silver, Total	0.709		mg/kg	0.411	0.232	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Sodium, Total	310		mg/kg	164	2.59	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Thallium, Total	0.458	J	mg/kg	1.64	0.259	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Vanadium, Total	32.4		mg/kg	0.822	0.167	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW
Zinc, Total	72.3		mg/kg	4.11	0.241	2	02/09/24 01:23	02/11/24 16:08	EPA 3050B	1,6010D	AMW

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06 Date Collected: 02/06/24 13:20

Client ID: SB-30 (2.5-3) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7790		mg/kg	8.44	2.28	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.22	0.320	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Arsenic, Total	3.55		mg/kg	0.844	0.175	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Barium, Total	99.5		mg/kg	0.844	0.147	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.224	J	mg/kg	0.422	0.028	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.844	0.083	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Calcium, Total	12600		mg/kg	8.44	2.95	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Chromium, Total	18.2		mg/kg	0.844	0.081	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Cobalt, Total	7.02		mg/kg	1.69	0.140	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Copper, Total	39.3		mg/kg	0.844	0.218	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Iron, Total	14800		mg/kg	4.22	0.762	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Lead, Total	123		mg/kg	4.22	0.226	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Magnesium, Total	6850		mg/kg	8.44	1.30	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Manganese, Total	205		mg/kg	0.844	0.134	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Mercury, Total	0.201		mg/kg	0.080	0.052	1	02/09/24 02:00	02/12/24 15:58	EPA 7471B	1,7471B	TAA
Nickel, Total	14.5		mg/kg	2.11	0.204	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Potassium, Total	1720		mg/kg	214	12.3	2	02/12/24 14:57	02/12/24 17:55	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.69	0.218	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.422	0.239	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Sodium, Total	282		mg/kg	169	2.66	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Thallium, Total	0.366	J	mg/kg	1.69	0.266	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Vanadium, Total	23.3		mg/kg	0.844	0.171	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW
Zinc, Total	128		mg/kg	4.22	0.247	2	02/09/24 01:23	02/11/24 16:13	EPA 3050B	1,6010D	AMW

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07 Date Collected: 02/06/24 11:20

Client ID: SB-31 (0.5-1) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7820		mg/kg	8.43	2.28	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.22	0.320	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Arsenic, Total	2.36		mg/kg	0.843	0.175	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Barium, Total	72.0		mg/kg	0.843	0.147	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.177	J	mg/kg	0.422	0.028	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.843	0.083	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Calcium, Total	10000		mg/kg	8.43	2.95	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Chromium, Total	15.2		mg/kg	0.843	0.081	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Cobalt, Total	9.19		mg/kg	1.69	0.140	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Copper, Total	44.2		mg/kg	0.843	0.218	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Iron, Total	16300		mg/kg	4.22	0.761	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Lead, Total	41.0		mg/kg	4.22	0.226	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Magnesium, Total	6300		mg/kg	8.43	1.30	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Manganese, Total	224		mg/kg	0.843	0.134	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Mercury, Total	0.083		mg/kg	0.076	0.049	1	02/09/24 02:00	02/12/24 16:01	EPA 7471B	1,7471B	TAA
Nickel, Total	13.6		mg/kg	2.11	0.204	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Potassium, Total	1560		mg/kg	210	12.1	2	02/12/24 14:57	02/12/24 17:59	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.69	0.218	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.422	0.239	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Sodium, Total	359		mg/kg	169	2.66	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Thallium, Total	0.297	J	mg/kg	1.69	0.266	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Vanadium, Total	36.0		mg/kg	0.843	0.171	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW
Zinc, Total	55.3		mg/kg	4.22	0.247	2	02/09/24 01:23	02/11/24 16:18	EPA 3050B	1,6010D	AMW

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08 Date Collected: 02/06/24 12:10

Client ID: SB-32 (1.5-2) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7750		mg/kg	8.34	2.25	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.17	0.317	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Arsenic, Total	1.86		mg/kg	0.834	0.173	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Barium, Total	76.8		mg/kg	0.834	0.145	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.199	J	mg/kg	0.417	0.028	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.834	0.082	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Calcium, Total	7440		mg/kg	8.34	2.92	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Chromium, Total	15.7		mg/kg	0.834	0.080	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Cobalt, Total	7.66		mg/kg	1.67	0.138	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Copper, Total	27.5		mg/kg	0.834	0.215	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Iron, Total	15500		mg/kg	4.17	0.753	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Lead, Total	32.6		mg/kg	4.17	0.223	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Magnesium, Total	4680		mg/kg	8.34	1.28	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Manganese, Total	229		mg/kg	0.834	0.132	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Mercury, Total	0.094		mg/kg	0.081	0.053	1	02/09/24 02:00	02/12/24 16:05	EPA 7471B	1,7471B	TAA
Nickel, Total	13.4		mg/kg	2.08	0.202	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Potassium, Total	1750		mg/kg	212	12.2	2	02/12/24 14:57	02/12/24 18:02	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.67	0.215	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.417	0.236	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Sodium, Total	256		mg/kg	167	2.62	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Thallium, Total	0.291	J	mg/kg	1.67	0.262	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Vanadium, Total	28.1		mg/kg	0.834	0.169	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW
Zinc, Total	46.4		mg/kg	4.17	0.244	2	02/09/24 01:23	02/11/24 16:23	EPA 3050B	1,6010D	AMW

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09 Date Collected: 02/06/24 12:00

Client ID: SB-32 (7-7.5) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5970		mg/kg	8.39	2.26	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.19	0.319	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Arsenic, Total	1.38		mg/kg	0.839	0.174	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Barium, Total	56.2		mg/kg	0.839	0.146	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.156	J	mg/kg	0.419	0.028	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.839	0.082	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Calcium, Total	15000		mg/kg	8.39	2.94	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Chromium, Total	12.3		mg/kg	0.839	0.081	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Cobalt, Total	5.21		mg/kg	1.68	0.139	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Copper, Total	16.3		mg/kg	0.839	0.216	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Iron, Total	10700		mg/kg	4.19	0.757	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Lead, Total	18.6		mg/kg	4.19	0.225	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Magnesium, Total	3980		mg/kg	8.39	1.29	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Manganese, Total	174		mg/kg	0.839	0.133	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Mercury, Total	0.068	J	mg/kg	0.074	0.048	1	02/09/24 02:00	02/12/24 16:08	EPA 7471B	1,7471B	TAA
Nickel, Total	9.42		mg/kg	2.10	0.203	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Potassium, Total	1480		mg/kg	211	12.2	2	02/12/24 14:57	02/12/24 18:05	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.68	0.216	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.419	0.237	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Sodium, Total	169		mg/kg	168	2.64	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.68	0.264	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Vanadium, Total	17.7		mg/kg	0.839	0.170	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW
Zinc, Total	30.8		mg/kg	4.19	0.246	2	02/09/24 01:23	02/11/24 16:28	EPA 3050B	1,6010D	AMW

Project Name: GALLERIA MALL **Lab Number:** L2406580

Project Number: 12461 **Report Date:** 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10 Date Collected: 02/06/24 11:40

Client ID: SB-33 (3.5-4) 020624 Date Received: 02/06/24

Sample Location: 100 MAIN ST. WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6380		mg/kg	8.09	2.18	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.04	0.307	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Arsenic, Total	1.24		mg/kg	0.809	0.168	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Barium, Total	77.3		mg/kg	0.809	0.141	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.223	J	mg/kg	0.404	0.027	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.809	0.079	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Calcium, Total	1080		mg/kg	8.09	2.83	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Chromium, Total	11.4		mg/kg	0.809	0.078	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Cobalt, Total	4.83		mg/kg	1.62	0.134	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Copper, Total	14.6		mg/kg	0.809	0.209	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Iron, Total	12100		mg/kg	4.04	0.730	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Lead, Total	2.39	J	mg/kg	4.04	0.217	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Magnesium, Total	1820		mg/kg	8.09	1.24	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Manganese, Total	231		mg/kg	0.809	0.128	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Mercury, Total	ND		mg/kg	0.079	0.052	1	02/09/24 02:00	02/12/24 16:11	EPA 7471B	1,7471B	TAA
Nickel, Total	8.88		mg/kg	2.02	0.196	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Potassium, Total	1020		mg/kg	207	11.9	2	02/12/24 14:57	02/12/24 18:08	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.62	0.209	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.404	0.229	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Sodium, Total	81.3	J	mg/kg	162	2.55	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.62	0.255	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Vanadium, Total	15.7		mg/kg	0.809	0.164	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW
Zinc, Total	17.3		mg/kg	4.04	0.237	2	02/09/24 01:23	02/11/24 16:33	EPA 3050B	1,6010D	AMW

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1883144-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Barium, Total	ND		mg/kg	0.400	0.070	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Copper, Total	ND		mg/kg	0.400	0.103	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Iron, Total	0.892	J	mg/kg	2.00	0.361	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Lead, Total	ND		mg/kg	2.00	0.107	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Manganese, Total	0.081	J	mg/kg	0.400	0.064	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Silver, Total	ND		mg/kg	0.200	0.113	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Sodium, Total	3.56	J	mg/kg	80.0	1.26	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/09/24 01:23	02/11/24 15:03	1,6010D	AMW

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1883146-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/09/24 02:00	02/12/24 14:46	1,7471B	TAA

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1884144-1										
Potassium, Total	ND		mg/kg	100	5.76	1	02/12/24 14:57	02/12/24 17:08	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1883144-2 SRM Lot Number: D122-540								
Aluminum, Total	64		-		52-148	-		
Antimony, Total	137		-		6-194	-		
Arsenic, Total	92		-		81-119	-		
Barium, Total	92		-		83-117	-		
Beryllium, Total	104		-		83-117	-		
Cadmium, Total	91		-		83-117	-		
Calcium, Total	94		-		83-117	-		
Chromium, Total	94		-		82-118	-		
Cobalt, Total	93		-		84-117	-		
Copper, Total	97		-		84-116	-		
Iron, Total	83		-		65-135	-		
Lead, Total	92		-		83-117	-		
Magnesium, Total	80		-		80-120	-		
Manganese, Total	99		-		82-118	-		
Nickel, Total	95		-		83-117	-		
Selenium, Total	97		-		81-119	-		
Silver, Total	99		-		80-120	-		
Sodium, Total	102		-		75-125	-		
Thallium, Total	95		-		81-119	-		
Vanadium, Total	92		-		80-120	-		
Zinc, Total	88		-		82-119	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1883146-2 SRM Lot Number: D122-540					
Mercury, Total	97	-	73-127	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1884144-2 SRM Lot Number: D122-540					
Potassium, Total	78	-	76-123	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1883144-3 QC Sample: L2406580-01 Client ID: SB-25 (1-1.5) 020624												
Aluminum, Total	8890	163	8380	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	40.7	42.8	105		-	-		75-125	-		20
Arsenic, Total	2.23	9.77	13.0	110		-	-		75-125	-		20
Barium, Total	79.2	163	224	89		-	-		75-125	-		20
Beryllium, Total	0.162J	4.07	4.14	102		-	-		75-125	-		20
Cadmium, Total	ND	4.31	4.39	102		-	-		75-125	-		20
Calcium, Total	9930	814	10200	**33**	Q	-	-		75-125	-		20
Chromium, Total	15.0	16.3	27.5	77		-	-		75-125	-		20
Cobalt, Total	10.7	40.7	53.6	105		-	-		75-125	-		20
Copper, Total	40.0	20.4	68.5	**140**	Q	-	-		75-125	-		20
Iron, Total	18400	81.4	17500	**0**	Q	-	-		75-125	-		20
Lead, Total	49.7	43.1	106	**130**	Q	-	-		75-125	-		20
Magnesium, Total	5870	814	7130	**155**	Q	-	-		75-125	-		20
Manganese, Total	235	40.7	253	**44**	Q	-	-		75-125	-		20
Nickel, Total	15.2	40.7	57.3	103		-	-		75-125	-		20
Selenium, Total	ND	9.77	10.2	104		-	-		75-125	-		20
Silver, Total	ND	4.07	4.34	107		-	-		75-125	-		20
Sodium, Total	456	814	1370	112		-	-		75-125	-		20
Thallium, Total	0.398J	9.77	10.3	105		-	-		75-125	-		20
Vanadium, Total	45.6	40.7	88.4	105		-	-		75-125	-		20
Zinc, Total	58.0	40.7	109	125		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1883146-3 QC Sample: L2406580-01 Client ID: SB-25 (1-1.5) 020624										
Mercury, Total	0.174	1.53	1.65	96		-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1884144-3 QC Sample: L2406580-01 Client ID: SB-25 (1-1.5) 020624										
Potassium, Total	1780	820	2240	**56**	Q	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1883144-4 QC Sample: L2406580-01 Client ID: SB-25 (1-1.5) 020624						
Aluminum, Total	8890	8630	mg/kg	3		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.23	2.21	mg/kg	1		20
Barium, Total	79.2	71.0	mg/kg	11		20
Beryllium, Total	0.162J	0.135J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	9930	13900	mg/kg	**33**	Q	20
Chromium, Total	15.0	12.7	mg/kg	17		20
Cobalt, Total	10.7	10.8	mg/kg	1		20
Copper, Total	40.0	54.2	mg/kg	**30**	Q	20
Iron, Total	18400	17800	mg/kg	3		20
Lead, Total	49.7	79.3	mg/kg	**46**	Q	20
Magnesium, Total	5870	6980	mg/kg	17		20
Manganese, Total	235	208	mg/kg	12		20
Nickel, Total	15.2	14.5	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	456	522	mg/kg	13		20
Thallium, Total	0.398J	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1883144-4 QC Sample: L2406580-01 Client ID: SB-25 (1-1.5) 020624					
Vanadium, Total	45.6	50.7	mg/kg	11	20
Zinc, Total	58.0	69.3	mg/kg	18	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1883146-4 QC Sample: L2406580-01 Client ID: SB-25 (1-1.5) 020624					
Mercury, Total	0.174	0.144	mg/kg	19	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1884144-4 QC Sample: L2406580-01 Client ID: SB-25 (1-1.5) 020624					
Potassium, Total	1780	1710	mg/kg	4	20

Project Name: GALLERIA MALL
Project Number: 12461

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2406580
Report Date: 02/13/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1883144-6 QC Sample: L2406580-01 Client ID: SB-25 (1-1.5) 020624						
Aluminum, Total	8890	8710	mg/kg	2		20
Barium, Total	79.2	77.4	mg/kg	2		20
Calcium, Total	9930	9930	mg/kg	0		20
Copper, Total	40.0	38.5	mg/kg	4		20
Iron, Total	18400	19000	mg/kg	3		20
Magnesium, Total	5870	5830	mg/kg	1		20
Manganese, Total	235	238	mg/kg	1		20
Vanadium, Total	45.6	45.1	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-01
Client ID: SB-25 (1-1.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/06/24 08:00
Date Received: 02/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	02/07/24 11:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/07/24 19:50	02/09/24 16:19	1,9010C/9012B	JER

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-02
Client ID: SB-26 (2.5-3) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/06/24 08:30
Date Received: 02/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	02/07/24 11:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/07/24 19:50	02/09/24 16:22	1,9010C/9012B	JER

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-03
Client ID: SB-27 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/24 08:50
Date Received: 02/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	02/07/24 11:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/07/24 19:50	02/09/24 16:23	1,9010C/9012B	JER

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-04
Client ID: SB-28 (3-3.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/06/24 09:30
Date Received: 02/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	02/07/24 11:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/07/24 19:50	02/09/24 16:26	1,9010C/9012B	JER

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-05
Client ID: SB-29 (2-2.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/06/24 10:20
Date Received: 02/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	02/07/24 11:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/07/24 19:50	02/09/24 16:27	1,9010C/9012B	JER

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-06
Client ID: SB-30 (2.5-3) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/06/24 13:20
Date Received: 02/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	02/07/24 11:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/07/24 19:50	02/09/24 16:28	1,9010C/9012B	JER

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-07
Client ID: SB-31 (0.5-1) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/06/24 11:20
Date Received: 02/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	02/07/24 11:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/07/24 19:50	02/09/24 16:29	1,9010C/9012B	JER

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-08
Client ID: SB-32 (1.5-2) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/06/24 12:10
Date Received: 02/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	02/07/24 11:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	02/07/24 19:50	02/09/24 16:30	1,9010C/9012B	JER

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-09
Client ID: SB-32 (7-7.5) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/06/24 12:00
Date Received: 02/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	02/07/24 11:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/07/24 19:50	02/09/24 16:31	1,9010C/9012B	JER

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

SAMPLE RESULTS

Lab ID: L2406580-10
Client ID: SB-33 (3.5-4) 020624
Sample Location: 100 MAIN ST. WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/06/24 11:40
Date Received: 02/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.7		%	0.100	NA	1	-	02/07/24 11:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/07/24 19:50	02/09/24 16:40	1,9010C/9012B	JER

Project Name: GALLERIA MALL
Project Number: 12461
Lab Number: L2406580
Report Date: 02/13/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG1882686-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	02/07/24 19:50	02/09/24 16:14	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 10 Batch: WG1882692-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	02/07/24 19:50	02/09/24 16:14	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG1882686-2 WG1882686-3								
Cyanide, Total	85		87		80-120	6		35
General Chemistry - Westborough Lab Associated sample(s): 10 Batch: WG1882692-2 WG1882692-3								
Cyanide, Total	85		87		80-120	6		35

Matrix Spike Analysis
Batch Quality Control

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1882686-4 WG1882686-5 QC Sample: L2406580-01 Client ID: SB-25 (1-1.5) 020624												
Cyanide, Total	ND	9.7	7.5	77		3.5	**34**	Q	75-125	**72**	Q	35
General Chemistry - Westborough Lab Associated sample(s): 10 QC Batch ID: WG1882692-4 WG1882692-5 QC Sample: L2406374-04 Client ID: MS Sample												
Cyanide, Total	ND	10	10	96		10	91		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: GALLERIA MALL

Project Number: 12461

Lab Number: L2406580

Report Date: 02/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1882501-1 QC Sample: L2406580-01 Client ID: SB-25 (1-1.5) 020624						
Solids, Total	94.5	94.0	%	1		20

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2406580-01A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-01B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-01C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-01D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2406580-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2406580-01F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2406580-01X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-01Y	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-01Z	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-02A	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-02B	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-02C	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-02D	Plastic 2oz unpreserved for TS	B	NA		5.4	Y	Absent		TS(7)
L2406580-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2406580-02F	Glass 250ml/8oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2406580-02X	Vial MeOH preserved split	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2406580-02Y	Vial Water preserved split	B	NA		5.4	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-02Z	Vial Water preserved split	B	NA		5.4	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-03A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-03B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-03C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-03D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2406580-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2406580-03F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2406580-03X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-03Y	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-03Z	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-04A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-04B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-04C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-04D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2406580-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2406580-04F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2406580-04X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-04Y	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-04Z	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-05A	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-05B	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-05C	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2406580-05D	Plastic 2oz unpreserved for TS	B	NA		5.4	Y	Absent		TS(7)
L2406580-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2406580-05F	Glass 250ml/8oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2406580-05X	Vial MeOH preserved split	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-05Y	Vial Water preserved split	B	NA		5.4	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-05Z	Vial Water preserved split	B	NA		5.4	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-06A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-06B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-06C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-06D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2406580-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2406580-06F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2406580-06X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-06Y	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-06Z	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-07A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-07B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-07C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-07D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2406580-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2406580-07F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2406580-07X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-07Y	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-07Z	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-08A	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-08B	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-08C	5 gram Encore Sampler	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-08D	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		TS(7)
L2406580-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2406580-08F	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2406580-08X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2406580-08Y	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-08Z	Vial Water preserved split	A	NA		4.3	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-09A	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-09B	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-09C	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-09D	Plastic 2oz unpreserved for TS	B	NA		5.4	Y	Absent		TS(7)
L2406580-09E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2406580-09F	Glass 250ml/8oz unpreserved	B	NA		5.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2406580-09X	Vial MeOH preserved split	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-09Y	Vial Water preserved split	B	NA		5.4	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-09Z	Vial Water preserved split	B	NA		5.4	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: GALLERIA MALL
Project Number: 12461

Lab Number: L2406580
Report Date: 02/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2406580-10A	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-10B	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-10C	5 gram Encore Sampler	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-10D	Plastic 2oz unpreserved for TS	B	NA		5.4	Y	Absent		TS(7)
L2406580-10E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2406580-10F	Glass 250ml/8oz unpreserved	B	NA		5.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2406580-10X	Vial MeOH preserved split	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2406580-10Y	Vial Water preserved split	B	NA		5.4	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)
L2406580-10Z	Vial Water preserved split	B	NA		5.4	Y	Absent	07-FEB-24 09:56	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	GALLERIA MALL	**Lab Number:**	L2406580
Project Number:	12461	**Report Date:**	02/13/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GALLERIA MALL	**Lab Number:**	L2406580
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	GALLERIA MALL	**Lab Number:**	L2406580
Project Number:	12461	**Report Date:**	02/13/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	GALLERIA MALL	**Lab Number:**	L2406580
Project Number:	12461	**Report Date:**	02/13/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

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Date Rec'd in Lab: 2/7/24

ALPHA Job #: L2406580

Client Information
Client: SESI
Address: 959 US46
Parsippany NJ 07054
Phone: 973 808 9050
Fax:
Email: JCS@SESI.org

Project Information
Project Name: Galleria Mall
Project Location: 100 main st White Plains, NY
Project #: 12461
(Use Project name as Project #) ☐
Project Manager: Jon Stuart
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO # Renaissance Env Mgmt
Attn Kevin McNamus

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL+30 ITAL ✓

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
06580-01	SB-25(1-1.5)020624	02/06/24	800	Soil	CB	
02	SB-26(2.5-3)020624		830		CB	
03	SB-27(1.5-2)020624		850		CB	
04	SB-28(3-3.5)020624		930		CB	
05	SB-29(2-2.5)020624		1020		CB	
06	SB-30(2.5-3)020624		1320		CB	
07	SB-31(0.5-1)020624		1120		CB	
08	SB-32(1.5-2)020624		1210		CB	
09	SB-32(7-7.5)020624		1200		CB	
10	SB-33(3.5-4)020624		1140		CB	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	P/G								
Preservative	NO								

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
	020624 1615	Tyler McGuire	2/6/24 1615
Tyler McGuire	2/6/24 1830		2/6/24 19:10
	2/6/24	NAI	2/6 22:00
NAI	2/7 0100		2/7/24 0100

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2315492
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	100 MAIN ST (SEARS)
Project Number:	12461
Report Date:	04/03/23

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Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2315492-01	SB-1 (0.5-1)	SOIL	WHITE PLAINS, NY	03/23/23 08:40	03/23/23
L2315492-02	SB-1 (2.5-3)	SOIL	WHITE PLAINS, NY	03/23/23 09:00	03/23/23
L2315492-03	SB-2 (5.5-6)	SOIL	WHITE PLAINS, NY	03/23/23 09:40	03/23/23
L2315492-04	SB-2 (0-0.5)	SOIL	WHITE PLAINS, NY	03/23/23 09:20	03/23/23
L2315492-05	SB-3 (3-3.5)	SOIL	WHITE PLAINS, NY	03/23/23 10:00	03/23/23
L2315492-06	SB-3 (5-5.5)	SOIL	WHITE PLAINS, NY	03/23/23 10:20	03/23/23
L2315492-07	SB-4 (6-6.5)	SOIL	WHITE PLAINS, NY	03/23/23 11:30	03/23/23
L2315492-08	SB-4 (9.5-10)	SOIL	WHITE PLAINS, NY	03/23/23 11:50	03/23/23
L2315492-09	SB-5 (4.5-5)	SOIL	WHITE PLAINS, NY	03/23/23 13:10	03/23/23
L2315492-10	SB-5 (7-7.5)	SOIL	WHITE PLAINS, NY	03/23/23 13:30	03/23/23
L2315492-11	SB-6 (0.5-1)	SOIL	WHITE PLAINS, NY	03/23/23 12:40	03/23/23
L2315492-12	SB-6 (5-5.5)	SOIL	WHITE PLAINS, NY	03/23/23 12:55	03/23/23
L2315492-13	SB-7 (1-1.5)	SOIL	WHITE PLAINS, NY	03/23/23 14:10	03/23/23
L2315492-14	SB-7 (7.5-8)	SOIL	WHITE PLAINS, NY	03/23/23 14:30	03/23/23

Project Name:	100 MAIN ST (SEARS)	**Lab Number:**	L2315492
Project Number:	12461	**Report Date:**	04/03/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	100 MAIN ST (SEARS)	**Lab Number:**	L2315492
Project Number:	12461	**Report Date:**	04/03/23

Case Narrative (continued)

Report Submission

April 03, 2023: This final report includes the results of the following analyses:

L2315492-01: TCLP Lead

L2315492-09: Perfluorinated Alkyl Acids by EPA 1633 and TCLP Lead

March 27, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2315492-03: The collection date and time on the chain of custody was 23-MAR-23 09:20; however, the collection date/time on the container label was 23-MAR-23 09:40. At the client's request, the collection date/time is reported as 23-MAR-23 09:40.

L2315492-04: The collection date and time on the chain of custody was 23-MAR-23 09:40; however, the collection date/time on the container label was 23-MAR-23 09:20. At the client's request, the collection date/time is reported as 23-MAR-23 09:20.

Volatile Organics

L2315492-13: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (53%), possibly due to the matrix effect caused by the high pH of the sample (>10).

Semivolatile Organics

L2315492-11: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (4%) and 2,4,6-tribromophenol (2%); however, re-extraction achieved similar results: 2-fluorophenol (4%) and 2,4,6-tribromophenol (0%). The results of both extractions are reported.

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492
Project Number: 12461 **Report Date:** 04/03/23

Case Narrative (continued)

Pesticides

L2315492-10D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2315492-01 through -14: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1758365-3 MS recoveries for aluminum (157%) and iron (756%), performed on L2315492-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1758365-3 MS recoveries, performed on L2315492-01, are outside the acceptance criteria for lead (0%) and manganese (178%). A post digestion spike was performed and was within acceptance criteria.

The WG1758365-4 Laboratory Duplicate RPD for lead (141%), performed on L2315492-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Cyanide, Total

The WG1759322-2 LCS recovery for cyanide, total (74%), associated with L2315492-05 through -08, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1759323-2 LCS recovery for cyanide, total (74%), associated with L2315492-09 through -14, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1759322-4 MS recovery, performed on L2315492-08, is outside the acceptance criteria for cyanide, total (28%). The MS/MSD RPD is above the acceptance criteria for cyanide, total (111%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 04/03/23

ORGANICS

VOLATILES

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01
Client ID: SB-1 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 08:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/25/23 11:48
Analyst: AJK
Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01 Date Collected: 03/23/23 08:40

Client ID: SB-1 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01 Date Collected: 03/23/23 08:40

Client ID: SB-1 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02 Date Collected: 03/23/23 09:00

Client ID: SB-1 (2.5-3) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 03/25/23 12:14

Analyst: AJK

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.15	1
Benzene	ND		ug/kg	0.47	0.15	1
Toluene	ND		ug/kg	0.93	0.51	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02 Date Collected: 03/23/23 09:00

Client ID: SB-1 (2.5-3) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02 Date Collected: 03/23/23 09:00

Client ID: SB-1 (2.5-3) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03 Date Collected: 03/23/23 09:40

Client ID: SB-2 (5.5-6) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 03/26/23 14:37

Analyst: JIC

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03 Date Collected: 03/23/23 09:40

Client ID: SB-2 (5.5-6) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03 Date Collected: 03/23/23 09:40

Client ID: SB-2 (5.5-6) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	100		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04
Client ID: SB-2 (0-0.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:20
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/25/23 13:07
Analyst: AJK
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.15	1
Benzene	ND		ug/kg	0.47	0.15	1
Toluene	ND		ug/kg	0.93	0.51	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04 Date Collected: 03/23/23 09:20

Client ID: SB-2 (0-0.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04 Date Collected: 03/23/23 09:20

Client ID: SB-2 (0-0.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	100		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05 Date Collected: 03/23/23 10:00
Client ID: SB-3 (3-3.5) Date Received: 03/23/23
Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/25/23 13:33
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	0.44	J	ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05 Date Collected: 03/23/23 10:00

Client ID: SB-3 (3-3.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.89	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05 Date Collected: 03/23/23 10:00

Client ID: SB-3 (3-3.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	100		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06 Date Collected: 03/23/23 10:20
Client ID: SB-3 (5-5.5) Date Received: 03/23/23
Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/25/23 13:59
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.59	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.46	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06 Date Collected: 03/23/23 10:20

Client ID: SB-3 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
Xylenes, Total	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	ND		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.85	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	ND		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.98	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06 Date Collected: 03/23/23 10:20

Client ID: SB-3 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
1,4-Dioxane	ND		ug/kg	68	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	101		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07 Date Collected: 03/23/23 11:30

Client ID: SB-4 (6-6.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 03/25/23 14:26

Analyst: AJK

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.54	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07 Date Collected: 03/23/23 11:30

Client ID: SB-4 (6-6.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
Xylenes, Total	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	12		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07 Date Collected: 03/23/23 11:30

Client ID: SB-4 (6-6.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	86		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08
Client ID: SB-4 (9.5-10)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 11:50
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/25/23 14:52
Analyst: AJK
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08 Date Collected: 03/23/23 11:50

Client ID: SB-4 (9.5-10) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.90	0.26	1
Xylenes, Total	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.90	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.83	1
Acetone	ND		ug/kg	9.0	4.4	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	ND		ug/kg	9.0	2.0	1
Vinyl acetate	ND		ug/kg	9.0	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.0	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08 Date Collected: 03/23/23 11:50

Client ID: SB-4 (9.5-10) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09 Date Collected: 03/23/23 13:10
Client ID: SB-5 (4.5-5) Date Received: 03/23/23
Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/26/23 15:03
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	3.0		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09 Date Collected: 03/23/23 13:10

Client ID: SB-5 (4.5-5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.22	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09 Date Collected: 03/23/23 13:10

Client ID: SB-5 (4.5-5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	100		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10
Client ID: SB-5 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/25/23 15:45
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.37	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.17	1
Benzene	ND		ug/kg	0.53	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10 Date Collected: 03/23/23 13:30

Client ID: SB-5 (7-7.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	16		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10 Date Collected: 03/23/23 13:30

Client ID: SB-5 (7-7.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	83		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11
Client ID: SB-6 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/25/23 16:11
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11 Date Collected: 03/23/23 12:40

Client ID: SB-6 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.22	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11 Date Collected: 03/23/23 12:40

Client ID: SB-6 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.22	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12
Client ID: SB-6 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:55
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/25/23 16:38
Analyst: AJK
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	0.85		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12 Date Collected: 03/23/23 12:55

Client ID: SB-6 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	54		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.7	1
2-Butanone	15		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12 Date Collected: 03/23/23 12:55

Client ID: SB-6 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13
Client ID: SB-7 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 14:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/25/23 17:04
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13 Date Collected: 03/23/23 14:10

Client ID: SB-7 (1-1.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13 Date Collected: 03/23/23 14:10

Client ID: SB-7 (1-1.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	**53**	Q	70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14
Client ID: SB-7 (7.5-8)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 14:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/26/23 15:30
Analyst: JIC
Percent Solids: 99%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14 Date Collected: 03/23/23 14:30

Client ID: SB-7 (7.5-8) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.0	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14 Date Collected: 03/23/23 14:30

Client ID: SB-7 (7.5-8) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	99		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/25/23 10:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-08,10-13 Batch: WG1759042-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/25/23 10:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-08,10-13 Batch: WG1759042-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/25/23 10:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-08,10-13 Batch: WG1759042-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	2.01	J	ug/kg
Unknown	2.01	J	ug/kg

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/25/23 10:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-08,10-13 Batch: WG1759042-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	100		70-130

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/26/23 14:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,09,14 Batch: WG1759236-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/26/23 14:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,09,14 Batch: WG1759236-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/26/23 14:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,09,14 Batch: WG1759236-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/26/23 14:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,09,14 Batch: WG1759236-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-08,10-13 Batch: WG1759042-3 WG1759042-4								
Methylene chloride	99		92		70-130	7		30
1,1-Dichloroethane	106		96		70-130	10		30
Chloroform	106		98		70-130	8		30
Carbon tetrachloride	115		102		70-130	12		30
1,2-Dichloropropane	105		98		70-130	7		30
Dibromochloromethane	112		108		70-130	4		30
1,1,2-Trichloroethane	105		103		70-130	2		30
Tetrachloroethene	118		105		70-130	12		30
Chlorobenzene	108		99		70-130	9		30
Trichlorofluoromethane	120		107		70-139	11		30
1,2-Dichloroethane	103		98		70-130	5		30
1,1,1-Trichloroethane	113		100		70-130	12		30
Bromodichloromethane	110		103		70-130	7		30
trans-1,3-Dichloropropene	108		103		70-130	5		30
cis-1,3-Dichloropropene	108		102		70-130	6		30
1,1-Dichloropropene	114		100		70-130	13		30
Bromoform	103		98		70-130	5		30
1,1,2,2-Tetrachloroethane	102		100		70-130	2		30
Benzene	108		97		70-130	11		30
Toluene	105		95		70-130	10		30
Ethylbenzene	106		96		70-130	10		30
Chloromethane	107		92		52-130	15		30
Bromomethane	137		123		57-147	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-08,10-13 Batch: WG1759042-3 WG1759042-4								
Vinyl chloride	117		101		67-130	15		30
Chloroethane	116		103		50-151	12		30
1,1-Dichloroethene	118		105		65-135	12		30
trans-1,2-Dichloroethene	109		97		70-130	12		30
Trichloroethene	115		104		70-130	10		30
1,2-Dichlorobenzene	106		100		70-130	6		30
1,3-Dichlorobenzene	108		98		70-130	10		30
1,4-Dichlorobenzene	106		98		70-130	8		30
Methyl tert butyl ether	103		100		66-130	3		30
p/m-Xylene	111		101		70-130	9		30
o-Xylene	109		100		70-130	9		30
cis-1,2-Dichloroethene	107		98		70-130	9		30
Dibromomethane	105		102		70-130	3		30
Styrene	106		97		70-130	9		30
Dichlorodifluoromethane	112		97		30-146	14		30
Acetone	90		87		54-140	3		30
Carbon disulfide	102		88		59-130	15		30
2-Butanone	84		89		70-130	6		30
Vinyl acetate	104		98		70-130	6		30
4-Methyl-2-pentanone	98		96		70-130	2		30
1,2,3-Trichloropropane	97		96		68-130	1		30
2-Hexanone	101		100		70-130	1		30
Bromochloromethane	107		101		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-08,10-13 Batch: WG1759042-3 WG1759042-4								
2,2-Dichloropropane	111		98		70-130	12		30
1,2-Dibromoethane	111		108		70-130	3		30
1,3-Dichloropropane	104		100		69-130	4		30
1,1,1,2-Tetrachloroethane	109		102		70-130	7		30
Bromobenzene	105		98		70-130	7		30
n-Butylbenzene	110		98		70-130	12		30
sec-Butylbenzene	110		97		70-130	13		30
tert-Butylbenzene	108		96		70-130	12		30
o-Chlorotoluene	102		92		70-130	10		30
p-Chlorotoluene	102		93		70-130	9		30
1,2-Dibromo-3-chloropropane	110		106		68-130	4		30
Hexachlorobutadiene	111		99		67-130	11		30
Isopropylbenzene	107		95		70-130	12		30
p-Isopropyltoluene	109		97		70-130	12		30
Naphthalene	107		105		70-130	2		30
Acrylonitrile	102		101		70-130	1		30
n-Propylbenzene	106		94		70-130	12		30
1,2,3-Trichlorobenzene	110		105		70-130	5		30
1,2,4-Trichlorobenzene	109		104		70-130	5		30
1,3,5-Trimethylbenzene	106		95		70-130	11		30
1,2,4-Trimethylbenzene	106		95		70-130	11		30
1,4-Dioxane	100		100		65-136	0		30
p-Diethylbenzene	111		98		70-130	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-08,10-13 Batch: WG1759042-3 WG1759042-4								
p-Ethyltoluene	108		96		70-130	12		30
1,2,4,5-Tetramethylbenzene	106		98		70-130	8		30
Ethyl ether	112		110		67-130	2		30
trans-1,4-Dichloro-2-butene	106		106		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,09,14 Batch: WG1759236-3 WG1759236-4								
Methylene chloride	99		101		70-130	2		30
1,1-Dichloroethane	103		104		70-130	1		30
Chloroform	105		105		70-130	0		30
Carbon tetrachloride	114		114		70-130	0		30
1,2-Dichloropropane	103		104		70-130	1		30
Dibromochloromethane	111		111		70-130	0		30
1,1,2-Trichloroethane	100		102		70-130	2		30
Tetrachloroethene	118		120		70-130	2		30
Chlorobenzene	106		107		70-130	1		30
Trichlorofluoromethane	120		124		70-139	3		30
1,2-Dichloroethane	99		100		70-130	1		30
1,1,1-Trichloroethane	110		111		70-130	1		30
Bromodichloromethane	106		108		70-130	2		30
trans-1,3-Dichloropropene	103		105		70-130	2		30
cis-1,3-Dichloropropene	106		108		70-130	2		30
1,1-Dichloropropene	112		114		70-130	2		30
Bromoform	97		99		70-130	2		30
1,1,2,2-Tetrachloroethane	98		100		70-130	2		30
Benzene	105		107		70-130	2		30
Toluene	103		104		70-130	1		30
Ethylbenzene	104		105		70-130	1		30
Chloromethane	99		104		52-130	5		30
Bromomethane	135		140		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,09,14 Batch: WG1759236-3 WG1759236-4								
Vinyl chloride	113		116		67-130	3		30
Chloroethane	113		115		50-151	2		30
1,1-Dichloroethene	120		120		65-135	0		30
trans-1,2-Dichloroethene	109		110		70-130	1		30
Trichloroethene	114		115		70-130	1		30
1,2-Dichlorobenzene	104		106		70-130	2		30
1,3-Dichlorobenzene	106		107		70-130	1		30
1,4-Dichlorobenzene	104		106		70-130	2		30
Methyl tert butyl ether	101		101		66-130	0		30
p/m-Xylene	109		110		70-130	1		30
o-Xylene	107		107		70-130	0		30
cis-1,2-Dichloroethene	107		109		70-130	2		30
Dibromomethane	103		105		70-130	2		30
Styrene	104		104		70-130	0		30
Dichlorodifluoromethane	105		108		30-146	3		30
Acetone	87		89		54-140	2		30
Carbon disulfide	101		103		59-130	2		30
2-Butanone	90		83		70-130	8		30
Vinyl acetate	99		98		70-130	1		30
4-Methyl-2-pentanone	92		94		70-130	2		30
1,2,3-Trichloropropane	93		95		68-130	2		30
2-Hexanone	96		93		70-130	3		30
Bromochloromethane	106		109		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,09,14 Batch: WG1759236-3 WG1759236-4								
2,2-Dichloropropane	108		109		70-130	1		30
1,2-Dibromoethane	108		109		70-130	1		30
1,3-Dichloropropane	101		102		69-130	1		30
1,1,1,2-Tetrachloroethane	107		109		70-130	2		30
Bromobenzene	103		104		70-130	1		30
n-Butylbenzene	108		108		70-130	0		30
sec-Butylbenzene	107		108		70-130	1		30
tert-Butylbenzene	106		108		70-130	2		30
o-Chlorotoluene	99		101		70-130	2		30
p-Chlorotoluene	100		101		70-130	1		30
1,2-Dibromo-3-chloropropane	100		102		68-130	2		30
Hexachlorobutadiene	109		113		67-130	4		30
Isopropylbenzene	104		106		70-130	2		30
p-Isopropyltoluene	108		109		70-130	1		30
Naphthalene	103		106		70-130	3		30
Acrylonitrile	96		95		70-130	1		30
n-Propylbenzene	102		104		70-130	2		30
1,2,3-Trichlorobenzene	109		110		70-130	1		30
1,2,4-Trichlorobenzene	109		109		70-130	0		30
1,3,5-Trimethylbenzene	104		105		70-130	1		30
1,2,4-Trimethylbenzene	103		104		70-130	1		30
1,4-Dioxane	98		96		65-136	2		30
p-Diethylbenzene	108		109		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,09,14 Batch: WG1759236-3 WG1759236-4								
p-Ethyltoluene	105		106		70-130	1		30
1,2,4,5-Tetramethylbenzene	106		106		70-130	0		30
Ethyl ether	110		114		67-130	4		30
trans-1,4-Dichloro-2-butene	101		103		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		92		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	91		93		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01
Client ID: SB-1 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 08:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 13:30
Analyst: CMM
Percent Solids: 98%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	210		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01 Date Collected: 03/23/23 08:40

Client ID: SB-1 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	100		ug/kg	100	19.	1
Benzo(a)pyrene	130		ug/kg	130	41.	1
Benzo(b)fluoranthene	140		ug/kg	100	28.	1
Benzo(k)fluoranthene	54	J	ug/kg	100	27.	1
Chrysene	100		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	82	J	ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	110		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	86	J	ug/kg	130	24.	1
Pyrene	200		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01 Date Collected: 03/23/23 08:40

Client ID: SB-1 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	90		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02
Client ID: SB-1 (2.5-3)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:00
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 13:54
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02 Date Collected: 03/23/23 09:00

Client ID: SB-1 (2.5-3) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02 Date Collected: 03/23/23 09:00

Client ID: SB-1 (2.5-3) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	85		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03
Client ID: SB-2 (5.5-6)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 15:30
Analyst: GMR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	26	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03 Date Collected: 03/23/23 09:40

Client ID: SB-2 (5.5-6) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	24	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03 Date Collected: 03/23/23 09:40

Client ID: SB-2 (5.5-6) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	75		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04
Client ID: SB-2 (0-0.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:20
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 15:54
Analyst: JG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	230		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04 Date Collected: 03/23/23 09:20

Client ID: SB-2 (0-0.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	110		ug/kg	100	19.	1
Benzo(a)pyrene	130	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	160		ug/kg	100	29.	1
Benzo(k)fluoranthene	50	J	ug/kg	100	28.	1
Chrysene	100		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	34	J	ug/kg	100	34.	1
Benzo(ghi)perylene	78	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	140		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	20	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	89	J	ug/kg	140	24.	1
Pyrene	200		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04 Date Collected: 03/23/23 09:20

Client ID: SB-2 (0-0.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	20	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	71		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05
Client ID: SB-3 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 10:00
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 16:18
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	64	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05 Date Collected: 03/23/23 10:00

Client ID: SB-3 (3-3.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	28	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	38	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	29	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	21	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	47	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	64	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05 Date Collected: 03/23/23 10:00

Client ID: SB-3 (3-3.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	121		10-136
4-Terphenyl-d14	100		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06
Client ID: SB-3 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 10:20
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 16:41
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06 Date Collected: 03/23/23 10:20

Client ID: SB-3 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06 Date Collected: 03/23/23 10:20

Client ID: SB-3 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	78		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07
Client ID: SB-4 (6-6.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 11:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 17:05
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07 Date Collected: 03/23/23 11:30

Client ID: SB-4 (6-6.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07 Date Collected: 03/23/23 11:30

Client ID: SB-4 (6-6.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	26		10-136
4-Terphenyl-d14	81		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08
Client ID: SB-4 (9.5-10)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 11:50
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 17:29
Analyst: JG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08 Date Collected: 03/23/23 11:50

Client ID: SB-4 (9.5-10) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08 Date Collected: 03/23/23 11:50

Client ID: SB-4 (9.5-10) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	67		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09
Client ID: SB-5 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 17:54
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	340		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09 Date Collected: 03/23/23 13:10

Client ID: SB-5 (4.5-5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	170		ug/kg	120	22.	1
Benzo(a)pyrene	250		ug/kg	160	47.	1
Benzo(b)fluoranthene	290		ug/kg	120	33.	1
Benzo(k)fluoranthene	97	J	ug/kg	120	31.	1
Chrysene	200		ug/kg	120	20.	1
Acenaphthylene	92	J	ug/kg	160	30.	1
Anthracene	54	J	ug/kg	120	38.	1
Benzo(ghi)perylene	140	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	140		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	160	27.	1
Pyrene	340		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09 Date Collected: 03/23/23 13:10

Client ID: SB-5 (4.5-5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	20	J	ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	397	J	ug/kg			1
Unknown PAH	168	J	ug/kg			1
Unknown Organic Acid	229	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	119		10-136
4-Terphenyl-d14	84		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09
Client ID: SB-5 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/28/23 20:45
Analyst: LMV
Percent Solids: 85%

Extraction Method: EPA 1633
Extraction Date: 03/27/23 06:10
Cleanup Method: EPA 1633
Cleanup Date: 03/28/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.784	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.392	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.196	0.046	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.784	0.274	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.078	J	ng/g	0.196	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.784	0.380	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.196	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.196	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.104	1
PFOA/PFOS, Total	0.078	J	ng/g	0.196	0.051	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09 Date Collected: 03/23/23 13:10

Client ID: SB-5 (4.5-5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	70		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	68		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	71		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	67		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	59		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	66		20-150

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10
Client ID: SB-5 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 18:18
Analyst: JG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	110		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	260		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10 Date Collected: 03/23/23 13:30

Client ID: SB-5 (7-7.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	48	J	ug/kg	110	20.	1
Benzo(a)pyrene	66	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	82	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	29	J	ug/kg	110	29.	1
Chrysene	67	J	ug/kg	110	19.	1
Acenaphthylene	44	J	ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	51	J	ug/kg	140	21.	1
Fluorene	32	J	ug/kg	180	18.	1
Phenanthrene	100	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	52	J	ug/kg	140	25.	1
Pyrene	100	J	ug/kg	110	18.	1
Biphenyl	51	J	ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	31	J	ug/kg	180	17.	1
2-Methylnaphthalene	700		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10 Date Collected: 03/23/23 13:30

Client ID: SB-5 (7-7.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	5550	J	ug/kg			1
Unknown Alkane	761	J	ug/kg			1
Unknown Alkane	366	J	ug/kg			1
Unknown Alkane	537	J	ug/kg			1
Unknown Alkane	177	J	ug/kg			1
Unknown Alkane	246	J	ug/kg			1
Unknown Naphthalene	274	J	ug/kg			1
Unknown Naphthalene	204	J	ug/kg			1
Unknown Alkane	233	J	ug/kg			1
Unknown Alkane	755	J	ug/kg			1
Unknown Alkane	738	J	ug/kg			1
Unknown Naphthalene	162	J	ug/kg			1
Unknown Organic Acid	270	J	ug/kg			1
Unknown Alkane	829	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	74		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11
Client ID: SB-6 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 18:42
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	110		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11 Date Collected: 03/23/23 12:40

Client ID: SB-6 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	58	J	ug/kg	110	21.	1
Benzo(a)pyrene	70	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	74	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	30	J	ug/kg	110	29.	1
Chrysene	57	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	44	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	51	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	47	J	ug/kg	150	26.	1
Pyrene	110		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	26	J	ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11 Date Collected: 03/23/23 12:40

Client ID: SB-6 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	957	J	ug/kg			1
Unknown	250	J	ug/kg			1
Unknown	250	J	ug/kg			1
Unknown	216	J	ug/kg			1
Unknown Benzene	241	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**4**	Q	25-120
Phenol-d6	28		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	**2**	Q	10-136
4-Terphenyl-d14	79		18-120

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11 RE
Client ID: SB-6 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/25/23 09:30
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 21:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	140		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11 RE
Client ID: SB-6 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	100	J	ug/kg	110	21.	1
Benzo(a)pyrene	100	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	110		ug/kg	110	31.	1
Benzo(k)fluoranthene	39	J	ug/kg	110	29.	1
Chrysene	97	J	ug/kg	110	19.	1
Acenaphthylene	48	J	ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	64	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	60	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	74	J	ug/kg	150	26.	1
Pyrene	190		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11 RE
Client ID: SB-6 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1
Tentatively Identified Compounds						
Total TIC Compounds	721	J	ug/kg			1
Unknown Alkane	257	J	ug/kg			1
Unknown	151	J	ug/kg			1
Unknown	313	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**4**	Q	25-120
Phenol-d6	27		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	47		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12
Client ID: SB-6 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:55
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 19:06
Analyst: JG
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12 Date Collected: 03/23/23 12:55

Client ID: SB-6 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12 Date Collected: 03/23/23 12:55

Client ID: SB-6 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	ND		ug/kg	220	22.	1
1,4-Dioxane	ND		ug/kg	33	10.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	59		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13
Client ID: SB-7 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 14:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 19:30
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13 Date Collected: 03/23/23 14:10

Client ID: SB-7 (1-1.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13 Date Collected: 03/23/23 14:10

Client ID: SB-7 (1-1.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	117		10-136
4-Terphenyl-d14	86		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14
Client ID: SB-7 (7.5-8)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 14:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/24/23 19:55
Analyst: JG
Percent Solids: 99%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	16.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.	1
2,4-Dinitrotoluene	ND		ug/kg	170	33.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14 Date Collected: 03/23/23 14:30

Client ID: SB-7 (7.5-8) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	15.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	32.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	ND		ug/kg	100	16.	1
Biphenyl	ND		ug/kg	380	22.	1
4-Chloroaniline	ND		ug/kg	170	30.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	31.	1
4-Nitroaniline	ND		ug/kg	170	69.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	55.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	230	68.	1
2,4-Dinitrophenol	ND		ug/kg	800	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14 Date Collected: 03/23/23 14:30

Client ID: SB-7 (7.5-8) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	540	170	1
Benzyl Alcohol	ND		ug/kg	170	51.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	126		10-136
4-Terphenyl-d14	95		18-120

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/23 11:54
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1758295-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/23 11:54
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1758295-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/23 11:54
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 03/24/23 01:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1758295-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	99		30-120
2,4,6-Tribromophenol	114		10-136
4-Terphenyl-d14	98		18-120

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/23 23:48
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/24/23 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1758420-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/23 23:48
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/24/23 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1758420-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/23 23:48
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/24/23 08:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1758420-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	49.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	73		18-120

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/28/23 15:49
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 03/27/23 06:09
Cleanup Method: EPA 1633
Cleanup Date: 03/28/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09 Batch: WG1759142-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
PFOA/PFOS, Total	ND		ng/g	0.200	0.052

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/28/23 15:49
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 03/27/23 06:09
Cleanup Method: EPA 1633
Cleanup Date: 03/28/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09 Batch: WG1759142-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1758295-2 WG1758295-3								
Acenaphthene	68		75		31-137	10		50
1,2,4-Trichlorobenzene	66		71		38-107	7		50
Hexachlorobenzene	82		88		40-140	7		50
Bis(2-chloroethyl)ether	48		50		40-140	4		50
2-Chloronaphthalene	73		78		40-140	7		50
1,2-Dichlorobenzene	62		65		40-140	5		50
1,3-Dichlorobenzene	63		67		40-140	6		50
1,4-Dichlorobenzene	61		65		28-104	6		50
3,3'-Dichlorobenzidine	66		69		40-140	4		50
2,4-Dinitrotoluene	82		90		40-132	9		50
2,6-Dinitrotoluene	84		92		40-140	9		50
Fluoranthene	74		79		40-140	7		50
4-Chlorophenyl phenyl ether	78		86		40-140	10		50
4-Bromophenyl phenyl ether	83		90		40-140	8		50
Bis(2-chloroisopropyl)ether	44		47		40-140	7		50
Bis(2-chloroethoxy)methane	52		55		40-117	6		50
Hexachlorobutadiene	78		83		40-140	6		50
Hexachlorocyclopentadiene	99		105		40-140	6		50
Hexachloroethane	54		59		40-140	9		50
Isophorone	52		55		40-140	6		50
Naphthalene	65		69		40-140	6		50
Nitrobenzene	54		58		40-140	7		50
NDPA/DPA	76		82		36-157	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1758295-2 WG1758295-3								
n-Nitrosodi-n-propylamine	50		54		32-121	8		50
Bis(2-ethylhexyl)phthalate	68		74		40-140	8		50
Butyl benzyl phthalate	74		81		40-140	9		50
Di-n-butylphthalate	69		74		40-140	7		50
Di-n-octylphthalate	71		77		40-140	8		50
Diethyl phthalate	72		78		40-140	8		50
Dimethyl phthalate	79		85		40-140	7		50
Benzo(a)anthracene	68		74		40-140	8		50
Benzo(a)pyrene	75		83		40-140	10		50
Benzo(b)fluoranthene	71		79		40-140	11		50
Benzo(k)fluoranthene	74		81		40-140	9		50
Chrysene	68		74		40-140	8		50
Acenaphthylene	75		80		40-140	6		50
Anthracene	71		76		40-140	7		50
Benzo(ghi)perylene	70		76		40-140	8		50
Fluorene	73		79		40-140	8		50
Phenanthrene	69		74		40-140	7		50
Dibenzo(a,h)anthracene	69		75		40-140	8		50
Indeno(1,2,3-cd)pyrene	76		84		40-140	10		50
Pyrene	73		78		35-142	7		50
Biphenyl	77		82		37-127	6		50
4-Chloroaniline	59		60		40-140	2		50
2-Nitroaniline	79		87		47-134	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1758295-2 WG1758295-3								
3-Nitroaniline	68		71		26-129	4		50
4-Nitroaniline	76		84		41-125	10		50
Dibenzofuran	72		79		40-140	9		50
2-Methylnaphthalene	72		76		40-140	5		50
1,2,4,5-Tetrachlorobenzene	83		89		40-117	7		50
Acetophenone	61		63		14-144	3		50
2,4,6-Trichlorophenol	86		92		30-130	7		50
p-Chloro-m-cresol	73		79		26-103	8		50
2-Chlorophenol	63		67		25-102	6		50
2,4-Dichlorophenol	72		77		30-130	7		50
2,4-Dimethylphenol	69		74		30-130	7		50
2-Nitrophenol	71		75		30-130	5		50
4-Nitrophenol	72		80		11-114	11		50
2,4-Dinitrophenol	85		95		4-130	11		50
4,6-Dinitro-o-cresol	97		104		10-130	7		50
Pentachlorophenol	82		91		17-109	10		50
Phenol	56		60		26-90	7		50
2-Methylphenol	61		65		30-130.	6		50
3-Methylphenol/4-Methylphenol	62		66		30-130	6		50
2,4,5-Trichlorophenol	90		96		30-130	6		50
Benzoic Acid	47		55		10-110	16		50
Benzyl Alcohol	58		60		40-140	3		50
Carbazole	69		74		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1758295-2 WG1758295-3								
1,4-Dioxane	47		46		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		67		25-120
Phenol-d6	62		66		10-120
Nitrobenzene-d5	60		63		23-120
2-Fluorobiphenyl	82		85		30-120
2,4,6-Tribromophenol	96		104		10-136
4-Terphenyl-d14	80		84		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1758420-2 WG1758420-3								
Acenaphthene	73		74		31-137	1		50
1,2,4-Trichlorobenzene	69		74		38-107	7		50
Hexachlorobenzene	74		76		40-140	3		50
Bis(2-chloroethyl)ether	62		66		40-140	6		50
2-Chloronaphthalene	73		76		40-140	4		50
1,2-Dichlorobenzene	67		72		40-140	7		50
1,3-Dichlorobenzene	68		71		40-140	4		50
1,4-Dichlorobenzene	67		71		28-104	6		50
3,3'-Dichlorobenzidine	67		65		40-140	3		50
2,4-Dinitrotoluene	106		109		40-132	3		50
2,6-Dinitrotoluene	95		97		40-140	2		50
Fluoranthene	76		78		40-140	3		50
4-Chlorophenyl phenyl ether	73		77		40-140	5		50
4-Bromophenyl phenyl ether	74		79		40-140	7		50
Bis(2-chloroisopropyl)ether	59		64		40-140	8		50
Bis(2-chloroethoxy)methane	66		70		40-117	6		50
Hexachlorobutadiene	71		74		40-140	4		50
Hexachlorocyclopentadiene	82		91		40-140	10		50
Hexachloroethane	67		74		40-140	10		50
Isophorone	64		67		40-140	5		50
Naphthalene	69		74		40-140	7		50
Nitrobenzene	69		72		40-140	4		50
NDPA/DPA	74		78		36-157	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1758420-2 WG1758420-3								
n-Nitrosodi-n-propylamine	64		68		32-121	6		50
Bis(2-ethylhexyl)phthalate	79		87		40-140	10		50
Butyl benzyl phthalate	78		85		40-140	9		50
Di-n-butylphthalate	79		86		40-140	8		50
Di-n-octylphthalate	82		89		40-140	8		50
Diethyl phthalate	75		79		40-140	5		50
Dimethyl phthalate	76		79		40-140	4		50
Benzo(a)anthracene	77		81		40-140	5		50
Benzo(a)pyrene	83		88		40-140	6		50
Benzo(b)fluoranthene	83		86		40-140	4		50
Benzo(k)fluoranthene	76		82		40-140	8		50
Chrysene	76		78		40-140	3		50
Acenaphthylene	75		78		40-140	4		50
Anthracene	77		80		40-140	4		50
Benzo(ghi)perylene	75		81		40-140	8		50
Fluorene	73		74		40-140	1		50
Phenanthrene	74		78		40-140	5		50
Dibenzo(a,h)anthracene	71		77		40-140	8		50
Indeno(1,2,3-cd)pyrene	80		85		40-140	6		50
Pyrene	75		78		35-142	4		50
Biphenyl	75		78		37-127	4		50
4-Chloroaniline	**34**	Q	**33**	Q	40-140	3		50
2-Nitroaniline	95		97		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1758420-2 WG1758420-3								
3-Nitroaniline	59		56		26-129	5		50
4-Nitroaniline	82		82		41-125	0		50
Dibenzofuran	73		77		40-140	5		50
2-Methylnaphthalene	73		77		40-140	5		50
1,2,4,5-Tetrachlorobenzene	76		80		40-117	5		50
Acetophenone	75		79		14-144	5		50
2,4,6-Trichlorophenol	87		89		30-130	2		50
p-Chloro-m-cresol	81		82		26-103	1		50
2-Chlorophenol	77		81		25-102	5		50
2,4-Dichlorophenol	79		81		30-130	3		50
2,4-Dimethylphenol	73		75		30-130	3		50
2-Nitrophenol	94		99		30-130	5		50
4-Nitrophenol	76		77		11-114	1		50
2,4-Dinitrophenol	100		91		4-130	9		50
4,6-Dinitro-o-cresol	110		114		10-130	4		50
Pentachlorophenol	80		80		17-109	0		50
Phenol	71		73		26-90	3		50
2-Methylphenol	70		72		30-130.	3		50
3-Methylphenol/4-Methylphenol	72		74		30-130	3		50
2,4,5-Trichlorophenol	85		88		30-130	3		50
Benzoic Acid	74		49		10-110	41		50
Benzyl Alcohol	70		72		40-140	3		50
Carbazole	77		80		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1758420-2 WG1758420-3								
1,4-Dioxane	54		57		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		82		25-120
Phenol-d6	75		77		10-120
Nitrobenzene-d5	74		77		23-120
2-Fluorobiphenyl	75		78		30-120
2,4,6-Tribromophenol	89		89		10-136
4-Terphenyl-d14	71		74		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1759142-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	95		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	94		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	98		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	108		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	112		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	98		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	85		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	100		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	90		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	83		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	90		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	90		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	72		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	88		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1759142-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	54				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1759142-3								
Perfluorobutanoic Acid (PFBA)	91		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	85		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	95		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	88		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	96		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	87		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	106		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	94		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	95		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	97		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	83		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	91		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	99		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	79		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	90		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	68		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	83		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	81		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	88		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	82		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	100		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1759142-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	73				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	78				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	50				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51				20-150

PCBS

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01
Client ID: SB-1 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 08:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 02:33
Analyst: JM
Percent Solids: 98%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.2	2.94	1	A
Aroclor 1221	ND		ug/kg	33.2	3.32	1	A
Aroclor 1232	ND		ug/kg	33.2	7.03	1	A
Aroclor 1242	ND		ug/kg	33.2	4.47	1	A
Aroclor 1248	ND		ug/kg	33.2	4.98	1	A
Aroclor 1254	ND		ug/kg	33.2	3.63	1	A
Aroclor 1260	ND		ug/kg	33.2	6.13	1	B
Aroclor 1262	ND		ug/kg	33.2	4.21	1	A
Aroclor 1268	ND		ug/kg	33.2	3.44	1	A
PCBs, Total	ND		ug/kg	33.2	2.94	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02
Client ID: SB-1 (2.5-3)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:00
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 02:40
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.48	1	A
Aroclor 1232	ND		ug/kg	34.7	7.36	1	A
Aroclor 1242	ND		ug/kg	34.7	4.68	1	A
Aroclor 1248	ND		ug/kg	34.7	5.20	1	A
Aroclor 1254	ND		ug/kg	34.7	3.80	1	A
Aroclor 1260	ND		ug/kg	34.7	6.41	1	A
Aroclor 1262	ND		ug/kg	34.7	4.41	1	A
Aroclor 1268	ND		ug/kg	34.7	3.59	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03
Client ID: SB-2 (5.5-6)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 02:48
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.5	3.06	1	A
Aroclor 1221	ND		ug/kg	34.5	3.46	1	A
Aroclor 1232	ND		ug/kg	34.5	7.31	1	A
Aroclor 1242	ND		ug/kg	34.5	4.65	1	A
Aroclor 1248	ND		ug/kg	34.5	5.18	1	A
Aroclor 1254	ND		ug/kg	34.5	3.77	1	A
Aroclor 1260	ND		ug/kg	34.5	6.38	1	A
Aroclor 1262	ND		ug/kg	34.5	4.38	1	A
Aroclor 1268	ND		ug/kg	34.5	3.57	1	A
PCBs, Total	ND		ug/kg	34.5	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04
Client ID: SB-2 (0-0.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:20
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 02:55
Analyst: JM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	32.9	2.92	1	A
Aroclor 1221	ND		ug/kg	32.9	3.30	1	A
Aroclor 1232	ND		ug/kg	32.9	6.98	1	A
Aroclor 1242	ND		ug/kg	32.9	4.44	1	A
Aroclor 1248	ND		ug/kg	32.9	4.94	1	A
Aroclor 1254	ND		ug/kg	32.9	3.60	1	A
Aroclor 1260	ND		ug/kg	32.9	6.08	1	A
Aroclor 1262	ND		ug/kg	32.9	4.18	1	A
Aroclor 1268	ND		ug/kg	32.9	3.41	1	A
PCBs, Total	ND		ug/kg	32.9	2.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05
Client ID: SB-3 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 10:00
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 03:02
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.47	1	A
Aroclor 1232	ND		ug/kg	34.7	7.35	1	A
Aroclor 1242	ND		ug/kg	34.7	4.67	1	A
Aroclor 1248	ND		ug/kg	34.7	5.20	1	A
Aroclor 1254	ND		ug/kg	34.7	3.79	1	A
Aroclor 1260	ND		ug/kg	34.7	6.41	1	A
Aroclor 1262	ND		ug/kg	34.7	4.40	1	A
Aroclor 1268	ND		ug/kg	34.7	3.59	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06
Client ID: SB-3 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 10:20
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 03:10
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	3.07	1	A
Aroclor 1221	ND		ug/kg	34.6	3.47	1	A
Aroclor 1232	ND		ug/kg	34.6	7.33	1	A
Aroclor 1242	ND		ug/kg	34.6	4.66	1	A
Aroclor 1248	ND		ug/kg	34.6	5.19	1	A
Aroclor 1254	ND		ug/kg	34.6	3.78	1	A
Aroclor 1260	ND		ug/kg	34.6	6.39	1	A
Aroclor 1262	ND		ug/kg	34.6	4.39	1	A
Aroclor 1268	ND		ug/kg	34.6	3.58	1	A
PCBs, Total	ND		ug/kg	34.6	3.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07
Client ID: SB-4 (6-6.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 11:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 03:17
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	3.26	1	A
Aroclor 1221	ND		ug/kg	36.8	3.68	1	A
Aroclor 1232	ND		ug/kg	36.8	7.80	1	A
Aroclor 1242	ND		ug/kg	36.8	4.96	1	A
Aroclor 1248	ND		ug/kg	36.8	5.52	1	A
Aroclor 1254	ND		ug/kg	36.8	4.02	1	A
Aroclor 1260	ND		ug/kg	36.8	6.80	1	A
Aroclor 1262	ND		ug/kg	36.8	4.67	1	A
Aroclor 1268	ND		ug/kg	36.8	3.81	1	A
PCBs, Total	ND		ug/kg	36.8	3.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08
Client ID: SB-4 (9.5-10)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 11:50
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 03:25
Analyst: JM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.4	2.96	1	A
Aroclor 1221	ND		ug/kg	33.4	3.34	1	A
Aroclor 1232	ND		ug/kg	33.4	7.07	1	A
Aroclor 1242	ND		ug/kg	33.4	4.50	1	A
Aroclor 1248	ND		ug/kg	33.4	5.00	1	A
Aroclor 1254	ND		ug/kg	33.4	3.65	1	A
Aroclor 1260	ND		ug/kg	33.4	6.16	1	A
Aroclor 1262	ND		ug/kg	33.4	4.24	1	A
Aroclor 1268	ND		ug/kg	33.4	3.46	1	A
PCBs, Total	ND		ug/kg	33.4	2.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09
Client ID: SB-5 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 03:32
Analyst: JM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	3.37	1	A
Aroclor 1221	ND		ug/kg	37.9	3.80	1	A
Aroclor 1232	ND		ug/kg	37.9	8.04	1	A
Aroclor 1242	ND		ug/kg	37.9	5.11	1	A
Aroclor 1248	ND		ug/kg	37.9	5.69	1	A
Aroclor 1254	ND		ug/kg	37.9	4.15	1	A
Aroclor 1260	ND		ug/kg	37.9	7.01	1	B
Aroclor 1262	ND		ug/kg	37.9	4.82	1	A
Aroclor 1268	ND		ug/kg	37.9	3.93	1	B
PCBs, Total	ND		ug/kg	37.9	3.37	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10
Client ID: SB-5 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 04:10
Analyst: JM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.50	1	A
Aroclor 1232	ND		ug/kg	34.9	7.40	1	A
Aroclor 1242	ND		ug/kg	34.9	4.71	1	A
Aroclor 1248	ND		ug/kg	34.9	5.24	1	A
Aroclor 1254	13.9	J	ug/kg	34.9	3.82	1	A
Aroclor 1260	6.65	J	ug/kg	34.9	6.45	1	B
Aroclor 1262	ND		ug/kg	34.9	4.44	1	A
Aroclor 1268	4.42	J	ug/kg	34.9	3.62	1	B
PCBs, Total	25.0	J	ug/kg	34.9	3.10	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11
Client ID: SB-6 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 03:40
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.2	3.12	1	A
Aroclor 1221	ND		ug/kg	35.2	3.52	1	A
Aroclor 1232	ND		ug/kg	35.2	7.45	1	A
Aroclor 1242	ND		ug/kg	35.2	4.74	1	A
Aroclor 1248	ND		ug/kg	35.2	5.27	1	A
Aroclor 1254	ND		ug/kg	35.2	3.84	1	A
Aroclor 1260	ND		ug/kg	35.2	6.50	1	A
Aroclor 1262	ND		ug/kg	35.2	4.46	1	A
Aroclor 1268	ND		ug/kg	35.2	3.64	1	A
PCBs, Total	ND		ug/kg	35.2	3.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12
Client ID: SB-6 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:55
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 03:47
Analyst: JM
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.8	3.80	1	A
Aroclor 1221	ND		ug/kg	42.8	4.29	1	A
Aroclor 1232	ND		ug/kg	42.8	9.07	1	A
Aroclor 1242	ND		ug/kg	42.8	5.77	1	A
Aroclor 1248	ND		ug/kg	42.8	6.42	1	A
Aroclor 1254	ND		ug/kg	42.8	4.68	1	A
Aroclor 1260	ND		ug/kg	42.8	7.91	1	A
Aroclor 1262	ND		ug/kg	42.8	5.43	1	A
Aroclor 1268	ND		ug/kg	42.8	4.43	1	A
PCBs, Total	ND		ug/kg	42.8	3.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13
Client ID: SB-7 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 14:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 03:55
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:33
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.5	3.06	1	A
Aroclor 1221	ND		ug/kg	34.5	3.46	1	A
Aroclor 1232	ND		ug/kg	34.5	7.32	1	A
Aroclor 1242	ND		ug/kg	34.5	4.65	1	A
Aroclor 1248	ND		ug/kg	34.5	5.18	1	A
Aroclor 1254	ND		ug/kg	34.5	3.78	1	A
Aroclor 1260	ND		ug/kg	34.5	6.38	1	A
Aroclor 1262	ND		ug/kg	34.5	4.38	1	A
Aroclor 1268	ND		ug/kg	34.5	3.58	1	A
PCBs, Total	ND		ug/kg	34.5	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14
Client ID: SB-7 (7.5-8)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 14:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/23 04:02
Analyst: JM
Percent Solids: 99%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:33
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	31.7	2.82	1	A
Aroclor 1221	ND		ug/kg	31.7	3.18	1	A
Aroclor 1232	ND		ug/kg	31.7	6.72	1	A
Aroclor 1242	ND		ug/kg	31.7	4.28	1	A
Aroclor 1248	ND		ug/kg	31.7	4.76	1	A
Aroclor 1254	ND		ug/kg	31.7	3.47	1	A
Aroclor 1260	ND		ug/kg	31.7	5.86	1	A
Aroclor 1262	ND		ug/kg	31.7	4.03	1	A
Aroclor 1268	ND		ug/kg	31.7	3.29	1	A
PCBs, Total	ND		ug/kg	31.7	2.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/25/23 02:10
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 03/24/23 02:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-14 Batch: WG1758312-1						
Aroclor 1016	ND		ug/kg	32.1	2.85	A
Aroclor 1221	ND		ug/kg	32.1	3.22	A
Aroclor 1232	ND		ug/kg	32.1	6.80	A
Aroclor 1242	ND		ug/kg	32.1	4.33	A
Aroclor 1248	ND		ug/kg	32.1	4.81	A
Aroclor 1254	ND		ug/kg	32.1	3.51	A
Aroclor 1260	ND		ug/kg	32.1	5.93	A
Aroclor 1262	ND		ug/kg	32.1	4.08	A
Aroclor 1268	ND		ug/kg	32.1	3.32	A
PCBs, Total	ND		ug/kg	32.1	2.85	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	58		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-14 Batch: WG1758312-2 WG1758312-3									
Aroclor 1016	98		92		40-140	6		50	A
Aroclor 1260	69		66		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		95		30-150	A
Decachlorobiphenyl	72		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		96		30-150	B
Decachlorobiphenyl	69		66		30-150	B

PESTICIDES

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01
Client ID: SB-1 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 08:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 05:40
Analyst: AAR
Percent Solids: 98%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.57	0.308	1	A
Lindane	ND		ug/kg	0.655	0.293	1	A
Alpha-BHC	ND		ug/kg	0.655	0.186	1	A
Beta-BHC	ND		ug/kg	1.57	0.596	1	A
Heptachlor	ND		ug/kg	0.786	0.352	1	A
Aldrin	ND		ug/kg	1.57	0.553	1	A
Heptachlor epoxide	ND		ug/kg	2.95	0.884	1	A
Endrin	ND		ug/kg	0.655	0.268	1	A
Endrin aldehyde	ND		ug/kg	1.96	0.688	1	A
Endrin ketone	ND		ug/kg	1.57	0.405	1	A
Dieldrin	ND		ug/kg	0.982	0.491	1	A
4,4'-DDE	ND		ug/kg	1.57	0.363	1	A
4,4'-DDD	ND		ug/kg	1.57	0.560	1	A
4,4'-DDT	ND		ug/kg	1.57	1.26	1	A
Endosulfan I	ND		ug/kg	1.57	0.371	1	A
Endosulfan II	ND		ug/kg	1.57	0.525	1	A
Endosulfan sulfate	ND		ug/kg	0.655	0.312	1	A
Methoxychlor	ND		ug/kg	2.95	0.917	1	A
Toxaphene	ND		ug/kg	29.5	8.25	1	A
cis-Chlordane	ND		ug/kg	1.96	0.547	1	A
trans-Chlordane	ND		ug/kg	1.96	0.519	1	A
Chlordane	ND		ug/kg	13.1	5.20	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01 Date Collected: 03/23/23 08:40

Client ID: SB-1 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	**382**	Q	30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02
Client ID: SB-1 (2.5-3)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:00
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 05:51
Analyst: AAR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.380	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.741	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	ND		ug/kg	1.69	0.392	1	A
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.988	1	A
Toxaphene	ND		ug/kg	31.7	8.89	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	14.1	5.61	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02 Date Collected: 03/23/23 09:00

Client ID: SB-1 (2.5-3) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	127		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03
Client ID: SB-2 (5.5-6)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 06:02
Analyst: AAR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.324	1	A
Lindane	ND		ug/kg	0.689	0.308	1	A
Alpha-BHC	ND		ug/kg	0.689	0.196	1	A
Beta-BHC	ND		ug/kg	1.65	0.627	1	A
Heptachlor	ND		ug/kg	0.827	0.371	1	A
Aldrin	ND		ug/kg	1.65	0.582	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.930	1	A
Endrin	ND		ug/kg	0.689	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.724	1	A
Endrin ketone	ND		ug/kg	1.65	0.426	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.590	1	A
4,4'-DDT	ND		ug/kg	1.65	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.391	1	A
Endosulfan II	ND		ug/kg	1.65	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.689	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.965	1	A
Toxaphene	ND		ug/kg	31.0	8.68	1	A
cis-Chlordane	ND		ug/kg	2.07	0.576	1	B
trans-Chlordane	0.615	J	ug/kg	2.07	0.546	1	A
Chlordane	ND		ug/kg	13.8	5.48	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03 Date Collected: 03/23/23 09:40

Client ID: SB-2 (5.5-6) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04
Client ID: SB-2 (0-0.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:20
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 06:13
Analyst: AAR
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.678	0.303	1	A
Alpha-BHC	ND		ug/kg	0.678	0.192	1	A
Beta-BHC	ND		ug/kg	1.63	0.617	1	A
Heptachlor	ND		ug/kg	0.814	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.573	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.915	1	A
Endrin	ND		ug/kg	0.678	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.712	1	A
Endrin ketone	ND		ug/kg	1.63	0.419	1	A
Dieldrin	1.30		ug/kg	1.02	0.508	1	A
4,4'-DDE	0.418	J	ug/kg	1.63	0.376	1	A
4,4'-DDD	0.674	J	ug/kg	1.63	0.580	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	B
Endosulfan I	ND		ug/kg	1.63	0.384	1	A
Endosulfan II	ND		ug/kg	1.63	0.544	1	A
Endosulfan sulfate	ND		ug/kg	0.678	0.323	1	A
Methoxychlor	ND		ug/kg	3.05	0.949	1	A
Toxaphene	ND		ug/kg	30.5	8.54	1	A
cis-Chlordane	1.78	J	ug/kg	2.03	0.567	1	A
trans-Chlordane	1.39	JIP	ug/kg	2.03	0.537	1	B
Chlordane	ND		ug/kg	13.6	5.39	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04 Date Collected: 03/23/23 09:20

Client ID: SB-2 (0-0.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05
Client ID: SB-3 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 10:00
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 06:24
Analyst: AAR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.691	0.309	1	A
Alpha-BHC	ND		ug/kg	0.691	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.629	1	A
Heptachlor	ND		ug/kg	0.829	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.933	1	A
Endrin	ND		ug/kg	0.691	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.726	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	1.66	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.691	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.968	1	A
Toxaphene	ND		ug/kg	31.1	8.71	1	A
cis-Chlordane	ND		ug/kg	2.07	0.578	1	A
trans-Chlordane	ND		ug/kg	2.07	0.547	1	A
Chlordane	ND		ug/kg	13.8	5.50	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05 Date Collected: 03/23/23 10:00

Client ID: SB-3 (3-3.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	121		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06
Client ID: SB-3 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 10:20
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 06:35
Analyst: AAR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.688	0.308	1	A
Alpha-BHC	ND		ug/kg	0.688	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.826	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.582	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.929	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.723	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	1.65	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.964	1	A
Toxaphene	ND		ug/kg	31.0	8.67	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A
trans-Chlordane	ND		ug/kg	2.06	0.545	1	A
Chlordane	ND		ug/kg	13.8	5.47	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06 Date Collected: 03/23/23 10:20

Client ID: SB-3 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07
Client ID: SB-4 (6-6.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 11:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 06:46
Analyst: AAR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.653	1	A
Heptachlor	ND		ug/kg	0.862	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.969	1	A
Endrin	ND		ug/kg	0.718	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.754	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	ND		ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.615	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.05	1	A
cis-Chlordane	ND		ug/kg	2.15	0.600	1	A
trans-Chlordane	ND		ug/kg	2.15	0.569	1	A
Chlordane	ND		ug/kg	14.4	5.71	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07 Date Collected: 03/23/23 11:30

Client ID: SB-4 (6-6.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08
Client ID: SB-4 (9.5-10)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 11:50
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 06:57
Analyst: AAR
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.313	1	A
Lindane	ND		ug/kg	0.665	0.297	1	A
Alpha-BHC	ND		ug/kg	0.665	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.605	1	A
Heptachlor	ND		ug/kg	0.798	0.358	1	A
Aldrin	ND		ug/kg	1.60	0.562	1	A
Heptachlor epoxide	ND		ug/kg	2.99	0.898	1	A
Endrin	ND		ug/kg	0.665	0.273	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.698	1	A
Endrin ketone	ND		ug/kg	1.60	0.411	1	A
Dieldrin	ND		ug/kg	0.998	0.499	1	A
4,4'-DDE	ND		ug/kg	1.60	0.369	1	A
4,4'-DDD	ND		ug/kg	1.60	0.569	1	A
4,4'-DDT	ND		ug/kg	1.60	1.28	1	A
Endosulfan I	ND		ug/kg	1.60	0.377	1	A
Endosulfan II	ND		ug/kg	1.60	0.533	1	A
Endosulfan sulfate	ND		ug/kg	0.665	0.316	1	A
Methoxychlor	ND		ug/kg	2.99	0.931	1	A
Toxaphene	ND		ug/kg	29.9	8.38	1	A
cis-Chlordane	ND		ug/kg	2.00	0.556	1	A
trans-Chlordane	ND		ug/kg	2.00	0.527	1	A
Chlordane	ND		ug/kg	13.3	5.29	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08 Date Collected: 03/23/23 11:50

Client ID: SB-4 (9.5-10) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09
Client ID: SB-5 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 07:08
Analyst: AAR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.752	0.336	1	A
Alpha-BHC	ND		ug/kg	0.752	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.903	0.405	1	A
Aldrin	2.07		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	B
Endrin	ND		ug/kg	0.752	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.790	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	24.2		ug/kg	1.13	0.564	1	B
4,4'-DDE	0.774	JIP	ug/kg	1.81	0.418	1	B
4,4'-DDD	5.81		ug/kg	1.81	0.644	1	A
4,4'-DDT	2.04		ug/kg	1.81	1.45	1	A
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.752	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.48	1	A
cis-Chlordane	9.84		ug/kg	2.26	0.629	1	A
trans-Chlordane	8.27		ug/kg	2.26	0.596	1	A
Chlordane	52.0		ug/kg	15.0	5.98	1	B

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09 Date Collected: 03/23/23 13:10

Client ID: SB-5 (4.5-5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10 D
Client ID: SB-5 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 09:30
Analyst: AAR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	17.1	3.35	10	A
Lindane	ND		ug/kg	7.12	3.18	10	A
Alpha-BHC	ND		ug/kg	7.12	2.02	10	A
Beta-BHC	ND		ug/kg	17.1	6.48	10	A
Heptachlor	ND		ug/kg	8.55	3.83	10	A
Aldrin	ND		ug/kg	17.1	6.02	10	A
Heptachlor epoxide	ND		ug/kg	32.1	9.62	10	A
Endrin	ND		ug/kg	7.12	2.92	10	A
Endrin aldehyde	ND		ug/kg	21.4	7.48	10	A
Endrin ketone	ND		ug/kg	17.1	4.40	10	A
Dieldrin	ND		ug/kg	10.7	5.34	10	A
4,4'-DDE	5.14	J	ug/kg	17.1	3.95	10	B
4,4'-DDD	ND		ug/kg	17.1	6.10	10	B
4,4'-DDT	ND		ug/kg	17.1	13.8	10	A
Endosulfan I	ND		ug/kg	17.1	4.04	10	A
Endosulfan II	ND		ug/kg	17.1	5.71	10	A
Endosulfan sulfate	ND		ug/kg	7.12	3.39	10	A
Methoxychlor	ND		ug/kg	32.1	9.98	10	A
Toxaphene	ND		ug/kg	321	89.8	10	A
cis-Chlordane	ND		ug/kg	21.4	5.96	10	A
trans-Chlordane	ND	IP	ug/kg	21.4	5.64	10	A
Chlordane	ND		ug/kg	142	56.6	10	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10 D
Client ID: SB-5 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11
Client ID: SB-6 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 07:40
Analyst: AAR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.342	1	A
Lindane	ND		ug/kg	0.727	0.325	1	A
Alpha-BHC	ND		ug/kg	0.727	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.662	1	A
Heptachlor	ND		ug/kg	0.873	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.615	1	A
Heptachlor epoxide	ND		ug/kg	3.27	0.982	1	A
Endrin	ND		ug/kg	0.727	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.764	1	A
Endrin ketone	ND		ug/kg	1.74	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.546	1	A
4,4'-DDE	ND		ug/kg	1.74	0.404	1	A
4,4'-DDD	ND		ug/kg	1.74	0.623	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.583	1	A
Endosulfan sulfate	ND		ug/kg	0.727	0.346	1	A
Methoxychlor	ND		ug/kg	3.27	1.02	1	A
Toxaphene	ND		ug/kg	32.7	9.16	1	A
cis-Chlordane	ND		ug/kg	2.18	0.608	1	A
trans-Chlordane	ND	IP	ug/kg	2.18	0.576	1	B
Chlordane	ND		ug/kg	14.5	5.78	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11 Date Collected: 03/23/23 12:40

Client ID: SB-6 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12
Client ID: SB-6 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:55
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 07:51
Analyst: AAR
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 07:45
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.08	0.408	1	A
Lindane	ND		ug/kg	0.867	0.388	1	A
Alpha-BHC	ND		ug/kg	0.867	0.246	1	A
Beta-BHC	ND		ug/kg	2.08	0.789	1	A
Heptachlor	ND		ug/kg	1.04	0.467	1	A
Aldrin	ND		ug/kg	2.08	0.733	1	A
Heptachlor epoxide	ND		ug/kg	3.90	1.17	1	A
Endrin	ND		ug/kg	0.867	0.356	1	A
Endrin aldehyde	ND		ug/kg	2.60	0.911	1	A
Endrin ketone	ND		ug/kg	2.08	0.536	1	A
Dieldrin	ND		ug/kg	1.30	0.650	1	A
4,4'-DDE	ND		ug/kg	2.08	0.481	1	A
4,4'-DDD	ND		ug/kg	2.08	0.742	1	A
4,4'-DDT	ND		ug/kg	2.08	1.67	1	A
Endosulfan I	ND		ug/kg	2.08	0.492	1	A
Endosulfan II	ND		ug/kg	2.08	0.696	1	A
Endosulfan sulfate	ND		ug/kg	0.867	0.413	1	A
Methoxychlor	ND		ug/kg	3.90	1.21	1	A
Toxaphene	ND		ug/kg	39.0	10.9	1	A
cis-Chlordane	ND		ug/kg	2.60	0.725	1	A
trans-Chlordane	ND		ug/kg	2.60	0.687	1	A
Chlordane	ND		ug/kg	17.3	6.90	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12 Date Collected: 03/23/23 12:55

Client ID: SB-6 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13
Client ID: SB-7 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 14:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 08:02
Analyst: AAR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 07:45
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.706	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.400	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13 Date Collected: 03/23/23 14:10

Client ID: SB-7 (1-1.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14
Client ID: SB-7 (7.5-8)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 14:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/23 08:13
Analyst: AAR
Percent Solids: 99%

Extraction Method: EPA 3546
Extraction Date: 03/24/23 07:45
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.55	0.303	1	A
Lindane	ND		ug/kg	0.645	0.288	1	A
Alpha-BHC	ND		ug/kg	0.645	0.183	1	A
Beta-BHC	ND		ug/kg	1.55	0.587	1	A
Heptachlor	ND		ug/kg	0.774	0.347	1	A
Aldrin	ND		ug/kg	1.55	0.545	1	A
Heptachlor epoxide	ND		ug/kg	2.90	0.871	1	A
Endrin	ND		ug/kg	0.645	0.264	1	A
Endrin aldehyde	ND		ug/kg	1.94	0.678	1	A
Endrin ketone	ND		ug/kg	1.55	0.399	1	A
Dieldrin	ND		ug/kg	0.968	0.484	1	A
4,4'-DDE	ND		ug/kg	1.55	0.358	1	A
4,4'-DDD	ND		ug/kg	1.55	0.552	1	A
4,4'-DDT	ND		ug/kg	1.55	1.24	1	A
Endosulfan I	ND		ug/kg	1.55	0.366	1	A
Endosulfan II	ND		ug/kg	1.55	0.518	1	A
Endosulfan sulfate	ND		ug/kg	0.645	0.307	1	A
Methoxychlor	ND		ug/kg	2.90	0.903	1	A
Toxaphene	ND		ug/kg	29.0	8.13	1	A
cis-Chlordane	ND		ug/kg	1.94	0.539	1	A
trans-Chlordane	ND		ug/kg	1.94	0.511	1	A
Chlordane	ND		ug/kg	12.9	5.13	1	A

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14 Date Collected: 03/23/23 14:30

Client ID: SB-7 (7.5-8) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/25/23 04:57
Analyst: AAR

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-14 Batch: WG1758325-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.630	0.282	A
Alpha-BHC	ND		ug/kg	0.630	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.756	0.339	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.84	0.851	A
Endrin	ND		ug/kg	0.630	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.662	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.945	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.350	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	1.51	1.22	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.630	0.300	A
Methoxychlor	ND		ug/kg	2.84	0.882	A
Toxaphene	ND		ug/kg	28.4	7.94	A
cis-Chlordane	ND		ug/kg	1.89	0.527	A
trans-Chlordane	ND		ug/kg	1.89	0.499	A
Chlordane	ND		ug/kg	12.6	5.01	A

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/25/23 04:57
Analyst: AAR

Extraction Method: EPA 3546
Extraction Date: 03/24/23 04:12
Cleanup Method: EPA 3620B
Cleanup Date: 03/25/23
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-14 Batch: WG1758325-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	104		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-14 Batch: WG1758325-2 WG1758325-3									
Delta-BHC	100		79		30-150	23		30	A
Lindane	99		78		30-150	24		30	A
Alpha-BHC	103		80		30-150	25		30	A
Beta-BHC	100		82		30-150	20		30	A
Heptachlor	97		77		30-150	23		30	A
Aldrin	91		77		30-150	17		30	A
Heptachlor epoxide	84		71		30-150	17		30	A
Endrin	93		74		30-150	23		30	A
Endrin aldehyde	72		56		30-150	25		30	A
Endrin ketone	92		72		30-150	24		30	A
Dieldrin	100		79		30-150	23		30	A
4,4'-DDE	90		76		30-150	17		30	A
4,4'-DDD	100		79		30-150	23		30	A
4,4'-DDT	84		68		30-150	21		30	A
Endosulfan I	92		74		30-150	22		30	A
Endosulfan II	94		76		30-150	21		30	A
Endosulfan sulfate	68		52		30-150	27		30	A
Methoxychlor	98		76		30-150	25		30	A
cis-Chlordane	90		73		30-150	21		30	A
trans-Chlordane	95		78		30-150	20		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-14 Batch: WG1758325-2 WG1758325-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		69		30-150	A
Decachlorobiphenyl	106		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		71		30-150	B
Decachlorobiphenyl	105		84		30-150	B

METALS

Project Name: 100 MAIN ST (SEARS)
Lab Number: L2315492
Project Number: 12461
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01
Client ID: SB-1 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 08:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 98%

TCLP/SPLP Ext. Date: 03/30/23 06:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	1.50		mg/l	0.500	0.0270	1	03/31/23 12:02	03/31/23 16:15	EPA 3015	1,6010D	MRC

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01 Date Collected: 03/23/23 08:40

Client ID: SB-1 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2300		mg/kg	7.94	2.14	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	3.97	0.302	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Arsenic, Total	0.727	J	mg/kg	0.794	0.165	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Barium, Total	19.9		mg/kg	0.794	0.138	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.123	J	mg/kg	0.397	0.026	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.794	0.078	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Calcium, Total	2010		mg/kg	7.94	2.78	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Chromium, Total	5.67		mg/kg	0.794	0.076	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Cobalt, Total	2.12		mg/kg	1.59	0.132	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Copper, Total	7.58		mg/kg	0.794	0.205	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Iron, Total	4900		mg/kg	3.97	0.717	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Lead, Total	167		mg/kg	3.97	0.213	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Magnesium, Total	1400		mg/kg	7.94	1.22	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Manganese, Total	86.2		mg/kg	0.794	0.126	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.064	0.042	1	03/24/23 09:15	03/24/23 13:37	EPA 7471B	1,7471B	DMB
Nickel, Total	3.73		mg/kg	1.98	0.192	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Potassium, Total	445		mg/kg	198	11.4	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.59	0.205	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.397	0.225	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Sodium, Total	80.2	J	mg/kg	159	2.50	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.59	0.250	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Vanadium, Total	6.70		mg/kg	0.794	0.161	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF
Zinc, Total	13.3		mg/kg	3.97	0.233	2	03/24/23 08:10	03/25/23 11:21	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02 Date Collected: 03/23/23 09:00

Client ID: SB-1 (2.5-3) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4810		mg/kg	8.20	2.21	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Antimony, Total	0.668	J	mg/kg	4.10	0.312	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.14		mg/kg	0.820	0.171	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Barium, Total	51.0		mg/kg	0.820	0.143	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.236	J	mg/kg	0.410	0.027	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.820	0.080	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Calcium, Total	11400		mg/kg	8.20	2.87	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Chromium, Total	26.7		mg/kg	0.820	0.079	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.06		mg/kg	1.64	0.136	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Copper, Total	13.9		mg/kg	0.820	0.212	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Iron, Total	11200		mg/kg	4.10	0.741	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Lead, Total	2.42	J	mg/kg	4.10	0.220	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Magnesium, Total	6170		mg/kg	8.20	1.26	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Manganese, Total	162		mg/kg	0.820	0.130	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.067	0.044	1	03/24/23 09:15	03/24/23 13:50	EPA 7471B	1,7471B	DMB
Nickel, Total	8.20		mg/kg	2.05	0.198	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Potassium, Total	1680		mg/kg	205	11.8	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.64	0.212	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.410	0.232	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Sodium, Total	359		mg/kg	164	2.58	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Thallium, Total	0.380	J	mg/kg	1.64	0.258	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Vanadium, Total	16.9		mg/kg	0.820	0.166	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF
Zinc, Total	20.2		mg/kg	4.10	0.240	2	03/24/23 08:10	03/25/23 11:06	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03 Date Collected: 03/23/23 09:40

Client ID: SB-2 (5.5-6) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7530		mg/kg	8.36	2.26	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Antimony, Total	0.899	J	mg/kg	4.18	0.318	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.28		mg/kg	0.836	0.174	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Barium, Total	63.6		mg/kg	0.836	0.145	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.332	J	mg/kg	0.418	0.028	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.836	0.082	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Calcium, Total	3470		mg/kg	8.36	2.92	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Chromium, Total	17.1		mg/kg	0.836	0.080	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.48		mg/kg	1.67	0.139	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Copper, Total	21.8		mg/kg	0.836	0.216	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Iron, Total	13300		mg/kg	4.18	0.755	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Lead, Total	19.4		mg/kg	4.18	0.224	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Magnesium, Total	4170		mg/kg	8.36	1.29	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Manganese, Total	180		mg/kg	0.836	0.133	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Mercury, Total	0.072		mg/kg	0.069	0.045	1	03/24/23 09:15	03/24/23 13:53	EPA 7471B	1,7471B	DMB
Nickel, Total	11.5		mg/kg	2.09	0.202	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Potassium, Total	1570		mg/kg	209	12.0	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.67	0.216	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.418	0.236	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Sodium, Total	227		mg/kg	167	2.63	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Thallium, Total	0.268	J	mg/kg	1.67	0.263	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Vanadium, Total	22.4		mg/kg	0.836	0.170	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF
Zinc, Total	43.6		mg/kg	4.18	0.245	2	03/24/23 08:10	03/25/23 11:11	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04 Date Collected: 03/23/23 09:20

Client ID: SB-2 (0-0.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5400		mg/kg	7.96	2.15	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Antimony, Total	0.714	J	mg/kg	3.98	0.302	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.26		mg/kg	0.796	0.166	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Barium, Total	54.6		mg/kg	0.796	0.138	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.259	J	mg/kg	0.398	0.026	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.796	0.078	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Calcium, Total	4710		mg/kg	7.96	2.78	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Chromium, Total	12.5		mg/kg	0.796	0.076	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.44		mg/kg	1.59	0.132	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Copper, Total	16.0		mg/kg	0.796	0.205	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Iron, Total	10900		mg/kg	3.98	0.718	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Lead, Total	16.1		mg/kg	3.98	0.213	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Magnesium, Total	3830		mg/kg	7.96	1.22	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Manganese, Total	164		mg/kg	0.796	0.126	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Mercury, Total	0.178		mg/kg	0.066	0.043	1	03/24/23 09:15	03/24/23 13:57	EPA 7471B	1,7471B	DMB
Nickel, Total	7.98		mg/kg	1.99	0.192	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Potassium, Total	1340		mg/kg	199	11.4	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.59	0.205	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.398	0.225	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Sodium, Total	141	J	mg/kg	159	2.51	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Thallium, Total	0.296	J	mg/kg	1.59	0.251	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.2		mg/kg	0.796	0.162	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF
Zinc, Total	32.6		mg/kg	3.98	0.233	2	03/24/23 08:10	03/25/23 11:16	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05 Date Collected: 03/23/23 10:00

Client ID: SB-3 (3-3.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4510		mg/kg	8.27	2.23	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Antimony, Total	0.396	J	mg/kg	4.14	0.314	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Arsenic, Total	0.896		mg/kg	0.827	0.172	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Barium, Total	43.6		mg/kg	0.827	0.144	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.226	J	mg/kg	0.414	0.027	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.827	0.081	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Calcium, Total	2250		mg/kg	8.27	2.90	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Chromium, Total	12.0		mg/kg	0.827	0.079	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.28		mg/kg	1.65	0.137	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Copper, Total	12.8		mg/kg	0.827	0.213	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Iron, Total	11200		mg/kg	4.14	0.747	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Lead, Total	2.64	J	mg/kg	4.14	0.222	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Magnesium, Total	2220		mg/kg	8.27	1.27	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Manganese, Total	142		mg/kg	0.827	0.132	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.067	0.044	1	03/24/23 09:15	03/24/23 14:00	EPA 7471B	1,7471B	DMB
Nickel, Total	7.34		mg/kg	2.07	0.200	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Potassium, Total	1290		mg/kg	207	11.9	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.65	0.213	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.414	0.234	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Sodium, Total	140	J	mg/kg	165	2.61	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.65	0.261	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.1		mg/kg	0.827	0.168	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF
Zinc, Total	19.0		mg/kg	4.14	0.242	2	03/24/23 08:10	03/25/23 12:02	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06 Date Collected: 03/23/23 10:20

Client ID: SB-3 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6950		mg/kg	8.19	2.21	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Antimony, Total	0.813	J	mg/kg	4.10	0.311	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.12		mg/kg	0.819	0.170	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Barium, Total	56.0		mg/kg	0.819	0.142	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.317	J	mg/kg	0.410	0.027	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.819	0.080	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Calcium, Total	4150		mg/kg	8.19	2.87	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Chromium, Total	13.9		mg/kg	0.819	0.079	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.06		mg/kg	1.64	0.136	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Copper, Total	19.8		mg/kg	0.819	0.211	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Iron, Total	12200		mg/kg	4.10	0.740	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Lead, Total	30.3		mg/kg	4.10	0.220	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Magnesium, Total	4420		mg/kg	8.19	1.26	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Manganese, Total	158		mg/kg	0.819	0.130	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.067	0.044	1	03/24/23 09:15	03/24/23 14:10	EPA 7471B	1,7471B	DMB
Nickel, Total	10.4		mg/kg	2.05	0.198	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Potassium, Total	1340		mg/kg	205	11.8	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.64	0.211	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.410	0.232	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Sodium, Total	180		mg/kg	164	2.58	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Thallium, Total	0.329	J	mg/kg	1.64	0.258	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Vanadium, Total	20.4		mg/kg	0.819	0.166	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF
Zinc, Total	28.4		mg/kg	4.10	0.240	2	03/24/23 08:10	03/25/23 12:07	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07 Date Collected: 03/23/23 11:30

Client ID: SB-4 (6-6.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	27400		mg/kg	8.66	2.34	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Antimony, Total	1.96	J	mg/kg	4.33	0.329	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.36		mg/kg	0.866	0.180	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Barium, Total	299		mg/kg	0.866	0.151	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.739		mg/kg	0.433	0.029	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.866	0.085	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Calcium, Total	9790		mg/kg	8.66	3.03	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Chromium, Total	25.4		mg/kg	0.866	0.083	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Cobalt, Total	13.6		mg/kg	1.73	0.144	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Copper, Total	8.78		mg/kg	0.866	0.223	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Iron, Total	16600		mg/kg	4.33	0.782	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Lead, Total	4.62		mg/kg	4.33	0.232	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Magnesium, Total	5720		mg/kg	8.66	1.33	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Manganese, Total	261		mg/kg	0.866	0.138	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.070	0.046	1	03/24/23 09:15	03/24/23 14:13	EPA 7471B	1,7471B	DMB
Nickel, Total	33.9		mg/kg	2.16	0.210	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Potassium, Total	884		mg/kg	216	12.5	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.73	0.223	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.433	0.245	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Sodium, Total	1520		mg/kg	173	2.73	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Thallium, Total	0.432	J	mg/kg	1.73	0.273	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Vanadium, Total	39.3		mg/kg	0.866	0.176	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF
Zinc, Total	40.8		mg/kg	4.33	0.254	2	03/24/23 08:10	03/25/23 12:12	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08 Date Collected: 03/23/23 11:50

Client ID: SB-4 (9.5-10) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2060		mg/kg	7.86	2.12	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	3.93	0.298	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.37		mg/kg	0.786	0.163	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Barium, Total	14.8		mg/kg	0.786	0.137	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.107	J	mg/kg	0.393	0.026	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.786	0.077	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Calcium, Total	8760		mg/kg	7.86	2.75	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Chromium, Total	13.9		mg/kg	0.786	0.075	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Cobalt, Total	1.78		mg/kg	1.57	0.130	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Copper, Total	5.91		mg/kg	0.786	0.203	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Iron, Total	5130		mg/kg	3.93	0.710	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Lead, Total	3.28	J	mg/kg	3.93	0.210	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Magnesium, Total	1300		mg/kg	7.86	1.21	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Manganese, Total	71.5		mg/kg	0.786	0.125	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.065	0.043	1	03/24/23 09:15	03/24/23 14:16	EPA 7471B	1,7471B	DMB
Nickel, Total	3.64		mg/kg	1.96	0.190	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Potassium, Total	530		mg/kg	196	11.3	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.57	0.203	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.393	0.222	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Sodium, Total	541		mg/kg	157	2.48	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.57	0.248	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Vanadium, Total	6.02		mg/kg	0.786	0.160	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF
Zinc, Total	11.8		mg/kg	3.93	0.230	2	03/24/23 08:10	03/25/23 12:17	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS)
Lab Number: L2315492
Project Number: 12461
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09
Client ID: SB-5 (4.5-5)
Sample Location: WHITE PLAINS, NY
Date Collected: 03/23/23 13:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%
TCLP/SPLP Ext. Date: 03/30/23 06:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	0.461	J	mg/l	0.500	0.0270	1	03/31/23 12:02	03/31/23 16:18	EPA 3015	1,6010D	MRC

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09 Date Collected: 03/23/23 13:10

Client ID: SB-5 (4.5-5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9810		mg/kg	8.80	2.38	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Antimony, Total	1.38	J	mg/kg	4.40	0.334	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.04		mg/kg	0.880	0.183	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Barium, Total	167		mg/kg	0.880	0.153	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.406	J	mg/kg	0.440	0.029	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.227	J	mg/kg	0.880	0.086	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Calcium, Total	9880		mg/kg	8.80	3.08	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Chromium, Total	19.6		mg/kg	0.880	0.085	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.71		mg/kg	1.76	0.146	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Copper, Total	72.7		mg/kg	0.880	0.227	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Iron, Total	15100		mg/kg	4.40	0.795	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Lead, Total	333		mg/kg	4.40	0.236	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Magnesium, Total	5460		mg/kg	8.80	1.36	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Manganese, Total	168		mg/kg	0.880	0.140	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Mercury, Total	0.404		mg/kg	0.073	0.048	1	03/24/23 09:15	03/24/23 14:20	EPA 7471B	1,7471B	DMB
Nickel, Total	13.8		mg/kg	2.20	0.213	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Potassium, Total	1490		mg/kg	220	12.7	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.76	0.227	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.440	0.249	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Sodium, Total	268		mg/kg	176	2.77	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.76	0.277	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Vanadium, Total	27.9		mg/kg	0.880	0.179	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF
Zinc, Total	372		mg/kg	4.40	0.258	2	03/24/23 08:10	03/25/23 12:22	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10 Date Collected: 03/23/23 13:30

Client ID: SB-5 (7-7.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8590		mg/kg	8.61	2.32	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Antimony, Total	0.990	J	mg/kg	4.31	0.327	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.80		mg/kg	0.861	0.179	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Barium, Total	107		mg/kg	0.861	0.150	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.369	J	mg/kg	0.431	0.028	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.861	0.084	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Calcium, Total	20900		mg/kg	8.61	3.02	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Chromium, Total	20.5		mg/kg	0.861	0.083	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.45		mg/kg	1.72	0.143	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Copper, Total	23.4		mg/kg	0.861	0.222	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Iron, Total	14300		mg/kg	4.31	0.778	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Lead, Total	37.4		mg/kg	4.31	0.231	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Magnesium, Total	9280		mg/kg	8.61	1.33	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Manganese, Total	186		mg/kg	0.861	0.137	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.070	0.046	1	03/24/23 09:15	03/24/23 14:23	EPA 7471B	1,7471B	DMB
Nickel, Total	12.9		mg/kg	2.15	0.208	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Potassium, Total	3180		mg/kg	215	12.4	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.72	0.222	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.431	0.244	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Sodium, Total	310		mg/kg	172	2.71	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Thallium, Total	0.503	J	mg/kg	1.72	0.271	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.3		mg/kg	0.861	0.175	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF
Zinc, Total	62.6		mg/kg	4.31	0.252	2	03/24/23 08:10	03/25/23 12:27	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11 Date Collected: 03/23/23 12:40

Client ID: SB-6 (0.5-1) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7750		mg/kg	8.66	2.34	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Antimony, Total	0.790	J	mg/kg	4.33	0.329	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.54		mg/kg	0.866	0.180	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Barium, Total	81.0		mg/kg	0.866	0.151	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.357	J	mg/kg	0.433	0.029	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.866	0.085	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Calcium, Total	17600		mg/kg	8.66	3.03	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Chromium, Total	19.0		mg/kg	0.866	0.083	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.98		mg/kg	1.73	0.144	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Copper, Total	45.1		mg/kg	0.866	0.223	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Iron, Total	14200		mg/kg	4.33	0.782	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Lead, Total	10.8		mg/kg	4.33	0.232	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Magnesium, Total	9060		mg/kg	8.66	1.33	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Manganese, Total	175		mg/kg	0.866	0.138	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Mercury, Total	0.110		mg/kg	0.071	0.046	1	03/24/23 09:15	03/24/23 14:26	EPA 7471B	1,7471B	DMB
Nickel, Total	12.2		mg/kg	2.16	0.210	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Potassium, Total	2990		mg/kg	216	12.5	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.73	0.223	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.433	0.245	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Sodium, Total	331		mg/kg	173	2.73	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Thallium, Total	0.634	J	mg/kg	1.73	0.273	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.6		mg/kg	0.866	0.176	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF
Zinc, Total	44.2		mg/kg	4.33	0.254	2	03/24/23 08:10	03/25/23 12:33	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12 Date Collected: 03/23/23 12:55

Client ID: SB-6 (5-5.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	10.5	2.85	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Antimony, Total	0.946	J	mg/kg	5.27	0.401	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.77		mg/kg	1.05	0.219	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Barium, Total	74.0		mg/kg	1.05	0.183	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.430	J	mg/kg	0.527	0.035	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.05	0.103	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Calcium, Total	2410		mg/kg	10.5	3.69	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Chromium, Total	21.2		mg/kg	1.05	0.101	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.89		mg/kg	2.11	0.175	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Copper, Total	15.2		mg/kg	1.05	0.272	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Iron, Total	15300		mg/kg	5.27	0.952	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Lead, Total	25.9		mg/kg	5.27	0.282	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Magnesium, Total	4690		mg/kg	10.5	1.62	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Manganese, Total	219		mg/kg	1.05	0.168	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Mercury, Total	0.067	J	mg/kg	0.085	0.056	1	03/24/23 09:15	03/24/23 14:30	EPA 7471B	1,7471B	DMB
Nickel, Total	11.7		mg/kg	2.64	0.255	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Potassium, Total	1330		mg/kg	264	15.2	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	2.11	0.272	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.527	0.298	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Sodium, Total	308		mg/kg	211	3.32	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.11	0.332	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.8		mg/kg	1.05	0.214	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF
Zinc, Total	41.9		mg/kg	5.27	0.309	2	03/24/23 08:10	03/25/23 12:38	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13 Date Collected: 03/23/23 14:10

Client ID: SB-7 (1-1.5) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4690		mg/kg	8.43	2.28	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Antimony, Total	0.515	J	mg/kg	4.22	0.320	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Arsenic, Total	0.975		mg/kg	0.843	0.175	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Barium, Total	34.6		mg/kg	0.843	0.147	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.238	J	mg/kg	0.422	0.028	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.843	0.083	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Calcium, Total	1670		mg/kg	8.43	2.95	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Chromium, Total	11.8		mg/kg	0.843	0.081	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.01		mg/kg	1.69	0.140	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Copper, Total	12.1		mg/kg	0.843	0.218	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Iron, Total	11200		mg/kg	4.22	0.762	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Lead, Total	1.61	J	mg/kg	4.22	0.226	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Magnesium, Total	2540		mg/kg	8.43	1.30	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Manganese, Total	190		mg/kg	0.843	0.134	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.067	0.044	1	03/24/23 09:15	03/24/23 14:33	EPA 7471B	1,7471B	DMB
Nickel, Total	7.91		mg/kg	2.11	0.204	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Potassium, Total	1230		mg/kg	211	12.1	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.69	0.218	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.422	0.239	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Sodium, Total	138	J	mg/kg	169	2.66	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Thallium, Total	0.339	J	mg/kg	1.69	0.266	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Vanadium, Total	16.5		mg/kg	0.843	0.171	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF
Zinc, Total	18.3		mg/kg	4.22	0.247	2	03/24/23 08:10	03/25/23 12:43	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14 Date Collected: 03/23/23 14:30

Client ID: SB-7 (7.5-8) Date Received: 03/23/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 99%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3450		mg/kg	7.94	2.14	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Antimony, Total	0.516	J	mg/kg	3.97	0.302	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Arsenic, Total	0.758	J	mg/kg	0.794	0.165	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Barium, Total	46.1		mg/kg	0.794	0.138	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.176	J	mg/kg	0.397	0.026	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.794	0.078	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Calcium, Total	8480		mg/kg	7.94	2.78	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Chromium, Total	19.6		mg/kg	0.794	0.076	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Cobalt, Total	2.47		mg/kg	1.59	0.132	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Copper, Total	7.20		mg/kg	0.794	0.205	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Iron, Total	7080		mg/kg	3.97	0.717	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Lead, Total	2.93	J	mg/kg	3.97	0.213	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Magnesium, Total	3220		mg/kg	7.94	1.22	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Manganese, Total	95.7		mg/kg	0.794	0.126	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.065	0.042	1	03/24/23 09:15	03/24/23 14:36	EPA 7471B	1,7471B	DMB
Nickel, Total	3.90		mg/kg	1.98	0.192	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Potassium, Total	1620		mg/kg	198	11.4	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.59	0.205	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.397	0.225	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Sodium, Total	285		mg/kg	159	2.50	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Thallium, Total	0.402	J	mg/kg	1.59	0.250	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Vanadium, Total	12.0		mg/kg	0.794	0.161	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF
Zinc, Total	13.9		mg/kg	3.97	0.233	2	03/24/23 08:10	03/25/23 12:48	EPA 3050B	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS) **Lab Number:** L2315492

Project Number: 12461 **Report Date:** 04/03/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1758362-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/24/23 09:15	03/24/23 13:30	1,7471B	DMB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1758365-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Arsenic, Total	0.084	J	mg/kg	0.400	0.083	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Iron, Total	ND		mg/kg	2.00	0.361	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Sodium, Total	4.86	J	mg/kg	80.0	1.26	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/24/23 08:10	03/25/23 10:56	1,6010D	JMF

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,09 Batch: WG1761230-1										
Lead, TCLP	ND		mg/l	0.500	0.0270	1	03/31/23 12:02	03/31/23 16:09	1,6010D	MRC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 03/29/23 16:50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1758362-2 SRM Lot Number: D116-540								
Mercury, Total	95		-		58-142	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1758365-2 SRM Lot Number: D116-540					
Aluminum, Total	93	-	45-155	-	
Antimony, Total	180	-	2-205	-	
Arsenic, Total	110	-	82-119	-	
Barium, Total	96	-	82-118	-	
Beryllium, Total	102	-	82-118	-	
Cadmium, Total	104	-	82-118	-	
Calcium, Total	96	-	81-119	-	
Chromium, Total	102	-	81-118	-	
Cobalt, Total	103	-	83-117	-	
Copper, Total	106	-	83-117	-	
Iron, Total	110	-	58-142	-	
Lead, Total	103	-	83-117	-	
Magnesium, Total	100	-	75-125	-	
Manganese, Total	100	-	82-118	-	
Nickel, Total	103	-	82-118	-	
Potassium, Total	99	-	68-131	-	
Selenium, Total	108	-	78-122	-	
Silver, Total	106	-	79-121	-	
Sodium, Total	102	-	71-130	-	
Thallium, Total	106	-	80-120	-	
Vanadium, Total	103	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1758365-2 SRM Lot Number: D116-540					
Zinc, Total	106	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,09 Batch: WG1761230-2					
Lead, TCLP	94	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1758362-3 QC Sample: L2315492-01 Client ID: SB-1 (0.5-1)												
Mercury, Total	ND	1.29	1.34	104		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1758365-3 QC Sample: L2315492-01 Client ID: SB-1 (0.5-1)										
Aluminum, Total	2300	159	2550	**157**	Q	-	-	75-125	-	20
Antimony, Total	ND	39.7	39.4	99		-	-	75-125	-	20
Arsenic, Total	0.727J	9.53	10.9	114		-	-	75-125	-	20
Barium, Total	19.9	159	176	98		-	-	75-125	-	20
Beryllium, Total	0.123J	3.97	4.16	105		-	-	75-125	-	20
Cadmium, Total	ND	4.21	4.13	98		-	-	75-125	-	20
Calcium, Total	2010	794	2910	113		-	-	75-125	-	20
Chromium, Total	5.67	15.9	22.2	104		-	-	75-125	-	20
Cobalt, Total	2.12	39.7	41.0	98		-	-	75-125	-	20
Copper, Total	7.58	19.8	26.3	94		-	-	75-125	-	20
Iron, Total	4900	79.4	5500	**756**	Q	-	-	75-125	-	20
Lead, Total	167	42.1	66.0	**0**	Q	-	-	75-125	-	20
Magnesium, Total	1400	794	2080	86		-	-	75-125	-	20
Manganese, Total	86.2	39.7	157	**178**	Q	-	-	75-125	-	20
Nickel, Total	3.73	39.7	41.0	94		-	-	75-125	-	20
Potassium, Total	445	794	1250	101		-	-	75-125	-	20
Selenium, Total	ND	9.53	9.57	100		-	-	75-125	-	20
Silver, Total	ND	3.97	3.84	97		-	-	75-125	-	20
Sodium, Total	80.2J	794	901	113		-	-	75-125	-	20
Thallium, Total	ND	9.53	8.94	94		-	-	75-125	-	20
Vanadium, Total	6.70	39.7	45.6	98		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1758365-3 QC Sample: L2315492-01 Client ID: SB-1 (0.5-1)									
Zinc, Total	13.3	39.7	50.8	94	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,09 QC Batch ID: WG1761230-3 QC Sample: L2314233-01 Client ID: MS Sample									
Lead, TCLP	0.309J	5.3	5.40	102	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1758362-4 QC Sample: L2315492-01 Client ID: SB-1 (0.5-1)						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1758365-4 QC Sample: L2315492-01 Client ID: SB-1 (0.5-1)						
Aluminum, Total	2300	2490	mg/kg	8		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	0.727J	0.881	mg/kg	NC		20
Barium, Total	19.9	17.5	mg/kg	13		20
Beryllium, Total	0.123J	0.125J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	2010	1940	mg/kg	4		20
Chromium, Total	5.67	6.21	mg/kg	9		20
Cobalt, Total	2.12	1.96	mg/kg	8		20
Copper, Total	7.58	6.30	mg/kg	18		20
Iron, Total	4900	5270	mg/kg	7		20
Lead, Total	167	29.1	mg/kg	**141**	Q	20
Magnesium, Total	1400	1320	mg/kg	6		20
Manganese, Total	86.2	92.7	mg/kg	7		20
Nickel, Total	3.73	3.61	mg/kg	3		20
Potassium, Total	445	430	mg/kg	3		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	80.2J	79.5J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1758365-4 QC Sample: L2315492-01 Client ID: SB-1 (0.5-1)					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	6.70	7.13	mg/kg	6	20
Zinc, Total	13.3	13.1	mg/kg	2	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,09 QC Batch ID: WG1761230-4 QC Sample: L2314233-01 Client ID: DUP Sample					
Lead, TCLP	0.309J	0.306J	mg/l	NC	20

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2315492
Report Date: 04/03/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1758365-6 QC Sample: L2315492-01 Client ID: SB-1 (0.5-1)						
Aluminum, Total	2300	2490	mg/kg	8		20
Barium, Total	19.9	21.9	mg/kg	10		20
Calcium, Total	2010	2200	mg/kg	9		20
Iron, Total	4900	5380	mg/kg	10		20
Lead, Total	167	173	mg/kg	4		20
Magnesium, Total	1400	1480	mg/kg	6		20
Manganese, Total	86.2	94.8	mg/kg	10		20

INORGANICS
&
MISCELLANEOUS

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-01
Client ID: SB-1 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 08:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	98.4		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.94	0.20	1	03/25/23 12:00	03/27/23 14:06	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-02
Client ID: SB-1 (2.5-3)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:00
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	03/25/23 12:00	03/27/23 14:07	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-03
Client ID: SB-2 (5.5-6)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	03/25/23 12:00	03/27/23 14:08	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-04
Client ID: SB-2 (0-0.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 09:20
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.6		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.97	0.21	1	03/25/23 12:00	03/27/23 14:09	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-05
Client ID: SB-3 (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 10:00
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	03/27/23 13:15	03/27/23 17:11	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-06
Client ID: SB-3 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 10:20
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	03/27/23 13:15	03/27/23 17:12	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-07
Client ID: SB-4 (6-6.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 11:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	03/27/23 13:15	03/27/23 17:13	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-08
Client ID: SB-4 (9.5-10)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 11:50
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.0		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	03/27/23 13:15	03/27/23 17:14	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-09
Client ID: SB-5 (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	03/27/23 13:15	03/27/23 17:34	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-10
Client ID: SB-5 (7-7.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 13:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	03/27/23 13:15	03/27/23 17:35	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-11
Client ID: SB-6 (0.5-1)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:40
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	03/27/23 13:15	03/27/23 17:36	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-12
Client ID: SB-6 (5-5.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 12:55
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.1		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.28	1	03/27/23 13:15	03/27/23 17:37	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-13
Client ID: SB-7 (1-1.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 14:10
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	03/27/23 13:15	03/27/23 17:38	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

SAMPLE RESULTS

Lab ID: L2315492-14
Client ID: SB-7 (7.5-8)
Sample Location: WHITE PLAINS, NY

Date Collected: 03/23/23 14:30
Date Received: 03/23/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	98.7		%	0.100	NA	1	-	03/24/23 07:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	03/27/23 13:15	03/27/23 17:39	1,9010C/9012B	JER

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1758791-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	03/25/23 12:00	03/27/23 13:47	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 05-08 Batch: WG1759322-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	03/27/23 13:15	03/27/23 17:07	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 09-14 Batch: WG1759323-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	03/27/23 13:15	03/27/23 17:07	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1758791-2 WG1758791-3								
Cyanide, Total	87		82		80-120	6		35
General Chemistry - Westborough Lab Associated sample(s): 05-08 Batch: WG1759322-2 WG1759322-3								
Cyanide, Total	**74**	Q	82		80-120	10		35
General Chemistry - Westborough Lab Associated sample(s): 09-14 Batch: WG1759323-2 WG1759323-3								
Cyanide, Total	**74**	Q	82		80-120	10		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461
Lab Number: L2315492
Report Date: 04/03/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1758791-4 WG1758791-5 QC Sample: L2315492-01 Client ID: SB-1 (0.5-1)												
Cyanide, Total	ND	9.6	9.2	95		9.8	98		75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 05-08 QC Batch ID: WG1759322-4 WG1759322-5 QC Sample: L2315492-08 Client ID: SB-4 (9.5-10)												
Cyanide, Total	ND	10	2.8	**28**	Q	9.3	98		75-125	**111**	Q	35
General Chemistry - Westborough Lab Associated sample(s): 09-14 QC Batch ID: WG1759323-4 WG1759323-5 QC Sample: L2315135-01 Client ID: MS Sample												
Cyanide, Total	ND	10	11	100		11	100		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST (SEARS)

Project Number: 12461

Lab Number: L2315492

Report Date: 04/03/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG1758351-1 QC Sample: L2315492-01 Client ID: SB-1 (0.5-1)						
Solids, Total	98.4	98.7	%	0		20

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2315492-01A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-01B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-01C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-01D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2315492-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2315492-01F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-01W	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2315492-01W1	Tumble Vessel	NA	NA			Y	Absent		-
L2315492-01X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-01Y	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-01Z	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-02A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-02B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-02C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-02D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2315492-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2315492-02F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-02X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-02Y	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-02Z	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-03A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-03B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-03C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-03D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2315492-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2315492-03F	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-03X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-03Y	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-03Z	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-04A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-04B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-04C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-04D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2315492-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2315492-04F	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-04X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-04Y	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-04Z	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2315492-05A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-05B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-05C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-05D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2315492-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2315492-05F	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-05X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-05Y	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-05Z	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-06A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-06B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-06C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-06D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2315492-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2315492-06F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-06X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-06Y	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-06Z	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-07A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-07B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-07C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-07D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2315492-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2315492-07F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-07X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-07Y	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-07Z	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-08A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-08B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-08C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-08D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2315492-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2315492-08F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-08X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-08Y	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-08Z	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-09A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-09B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-09C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-09D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2315492-09D1	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2315492-09E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2315492-09F	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-09G	Plastic 8oz unpreserved	B	NA		3.5	Y	Absent		A2-NY-1633-DRAFT-21(90)
L2315492-09W	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2315492-09W1	Tumble Vessel	NA	NA			Y	Absent		-
L2315492-09X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-09Y	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-09Z	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-10A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-10B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-10C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-10D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2315492-10E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2315492-10F	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-10X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-10Y	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-10Z	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-11A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-11B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-11C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-11D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2315492-11E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2315492-11F	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2315492-11X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-11Y	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-11Z	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-12A	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-12B	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-12C	5 gram Encore Sampler	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-12D	Plastic 2oz unpreserved for TS	B	NA		3.5	Y	Absent		TS(7)
L2315492-12E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2315492-12F	Glass 250ml/8oz unpreserved	B	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-12X	Vial MeOH preserved split	B	NA		3.5	Y	Absent		NYTCL-8260HLW(14)
L2315492-12Y	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-12Z	Vial Water preserved split	B	NA		3.5	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-13A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-13B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-13C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-13D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2315492-13E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2315492-13F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-13X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-13Y	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-13Z	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-14A	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-14B	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2315492-14C	5 gram Encore Sampler	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-14D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2315492-14E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2315492-14F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2315492-14X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2315492-14Y	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)
L2315492-14Z	Vial Water preserved split	A	NA		2.6	Y	Absent	24-MAR-23 10:20	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 100 MAIN ST (SEARS)
Project Number: 12461

Lab Number: L2315492
Report Date: 04/03/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	100 MAIN ST (SEARS)	**Lab Number:**	L2315492
Project Number:	12461	**Report Date:**	04/03/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST (SEARS)	**Lab Number:**	L2315492
Project Number:	12461	**Report Date:**	04/03/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST (SEARS)	**Lab Number:**	L2315492
Project Number:	12461	**Report Date:**	04/03/23

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	100 MAIN ST (SEARS)	**Lab Number:**	L2315492
Project Number:	12461	**Report Date:**	04/03/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL
Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 03/23/23

ALPHA Job #: L2315492

Client Information

Client: 959 US46 SESI
Address: 959 US-46 Fl3 S300
Parsippany NJ 07054
Phone: 973 8089050
Fax:
Email: sss@sesi.org/jcs@sesi.org

Project Information

Project Name: 100 Main Street
Project Location: 100 Main St. White Plains NY
Project # 12461
(Use Project name as Project #) ☐
Project Manager: Steve Custems
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 7 days

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

another email: jcs@sesi.org results

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # Renaissance geberia env. management attn: Kevin McManus

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL	1,4-Dioxane	PFAS Method 1633	Total Bottle
L2315492-01	SB-1 (0.5-1)	03/23	840	So:1	CB	✓	✓		
-02	SB-1 (2.5-3)		900		CB	✓	✓		
-03	SB-2 (5.5-6)		920		CB	✓	✓		
-04	SB-2 (0-0.5)		940		CB	✓	✓		
-05	SB-3 (3-3.5)		1000		CB	✓	✓		
-06	SB-3 (5-5.5)		1020		CB	✓	✓		
-07	SB-4 (6-6.5)		1130		CB	✓	✓		
-08	SB-4 (9.5-10)		1150		CB	✓	✓		
-09	SB-5 (4.5-5)		1310		CB	✓	✓	✓	
-10	SB-5 (7-7.5)	↓	1330	↓	CB	✓	✓		

Container Type	G/P	G/P	P
Preservative	X	X	X

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	03/23/23	Don DM	3/23/23 1536
Don DM	3/23/23 1645	Paul Maggella	3/23/23 1700
Paul Maggella	3/23/23 2045		3/23/23 2045
	3/23/23 2310	Mindy Morrow	3/23/23 2310

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab 03/23/23

ALPHA Job # L2315492

Project Information
Project Name: 100 Main St
Project Location: 100 Main St, White Plains, NY
Project # 12461
(Use Project name as Project #) ☐
Project Manager: Steve Gustems
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 2days

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO # Renaissance Galleria env. management
Attn: Kevin McManus

Client Information
Client: SESI
Address: 959 US 46 E13 S300
Parsippany NJ 07054
Phone: 973 808 9050
Fax:
Email: SSG@sesi.org

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
JCS@SESI.org results

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL	1,4-Dioxane Method 1633 PFAS	Total Bottle	Sample Specific Comments
L2315492-11	SB-6 (0.5-1)	03/23	12:40	Soil	CB	✓	✓		
-12	SB-6 (5-5.5)	↓	12:55	↓	CB	✓	✓		
-13	SB-7 (1-1.5)		13:10		CB	✓	✓		
-14	SB-7 (7.5-8)		14:30		CB	✓	✓		

Container Type	C/P	P	P
Preservative	X	X	X

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	03/23/23	Don Dirk	3/23/23 1530
Don Dirk	3/23/23 1645	Paul Mazzella	3/23/23 1700
Paul Mazzella	3/23/23 2045		3/23/23 2305
	3/23/23 2310	Wendy Morrow	3/23/23 2311

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2316865
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Steven Gustems
Phone:	(973) 808-9050
Project Name:	100 MAIN ST.
Project Number:	12461
Report Date:	04/20/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2316865-01	GW-3	WATER	WHITE PLAINS, NY	03/30/23 13:00	03/31/23
L2316865-02	GW-4	WATER	WHITE PLAINS, NY	03/30/23 13:30	03/31/23
L2316865-03	GW-5	WATER	WHITE PLAINS, NY	03/30/23 10:30	03/31/23
L2316865-04	GW-6	WATER	WHITE PLAINS, NY	03/30/23 11:00	03/31/23
L2316865-05	GW-7	WATER	WHITE PLAINS, NY	03/30/23 11:30	03/31/23
L2316865-06	SB-37	SOIL	WHITE PLAINS, NY	03/30/23 11:40	03/31/23
L2316865-07	SB-38	SOIL	WHITE PLAINS, NY	03/30/23 11:15	03/31/23

Project Name:	100 MAIN ST.	**Lab Number:**	L2316865
Project Number:	12461	**Report Date:**	04/20/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 100 MAIN ST. **Lab Number:** L2316865
Project Number: 12461 **Report Date:** 04/20/23

Case Narrative (continued)

Report Submission
April 20, 2023: This final report includes the results of all requested analyses.
April 10, 2023: This is a preliminary report.
April 07, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt
L2316865-02: The sample was received below the appropriate pH for the Total Cyanide - EPA 9010C/9012B analysis. The laboratory added additional NaOH to a pH >12.

Volatile Organics
L2316865-02 through -05: The pH was greater than two; however, the sample was analyzed within the method required holding time.

Semivolatile Organics
L2316865-02: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.
The WG1762197-1 Method Blank, associated with L2316865-01 through -05, has TICs detected. The results are qualified with a "B" for any associated samples that have detections of the same TICs.

Semivolatile Organics by SIM
L2316865-02: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

PCBs

Project Name:	100 MAIN ST.	**Lab Number:**	L2316865
Project Number:	12461	**Report Date:**	04/20/23

Case Narrative (continued)

L2316865-01: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

Total Metals

L2316865-01 through -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1763463-5 MSD recovery, performed on L2316865-05, is outside the acceptance criteria for cyanide, total (65%); however, the associated LCS recovery is within criteria. No further action was taken. The MS/MSD RPD is above the acceptance criteria for cyanide, total (39%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 04/20/23

ORGANICS

VOLATILES

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01 Date Collected: 03/30/23 13:00
Client ID: GW-3 Date Received: 03/31/23
Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/05/23 11:36
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01 Date Collected: 03/30/23 13:00

Client ID: GW-3 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.1		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	0.81	J	ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01 Date Collected: 03/30/23 13:00

Client ID: GW-3 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	3.74	J	ug/l			1
Unknown	1.06	J	ug/l			1
Unknown	1.31	J	ug/l			1
Nonanal	1.37	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	113		70-130

Project Name: 100 MAIN ST.
Lab Number: L2316865
Project Number: 12461
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02
Client ID: GW-4
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/05/23 11:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	4.1		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02 Date Collected: 03/30/23 13:30

Client ID: GW-4 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	9.2		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02 Date Collected: 03/30/23 13:30

Client ID: GW-4 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	3.00	J	ug/l			1
1-Propene, 2-methyl-	1.64	NJ	ug/l			1
Unknown	1.36	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	112		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03 Date Collected: 03/30/23 10:30
Client ID: GW-5 Date Received: 03/31/23
Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/05/23 12:22
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.1		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03 Date Collected: 03/30/23 10:30

Client ID: GW-5 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.21	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03 Date Collected: 03/30/23 10:30

Client ID: GW-5 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1.01	J	ug/l			1
Unknown	1.01	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	114		70-130

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04
Client ID: GW-6
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/05/23 12:45
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	12		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.96		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04 Date Collected: 03/30/23 11:00

Client ID: GW-6 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	3.0	J	ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04 Date Collected: 03/30/23 11:00

Client ID: GW-6 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	116		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05
Client ID: GW-7
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/05/23 13:09
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	5.3		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.53		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05 Date Collected: 03/30/23 11:30

Client ID: GW-7 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	2.6	J	ug/l	5.0	1.0	1
Acetone	3.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05 Date Collected: 03/30/23 11:30

Client ID: GW-7 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1.54	J	ug/l			1
1-Propene, 2-methyl-	1.54	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	113		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06
Client ID: SB-37
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:40
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/03/23 18:46
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.19	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	0.21	J	ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06 Date Collected: 03/30/23 11:40

Client ID: SB-37 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	21		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	4.2	J	ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	0.15	J	ug/kg	0.95	0.14	1
tert-Butylbenzene	0.15	J	ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06 Date Collected: 03/30/23 11:40

Client ID: SB-37 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	0.66	J	ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	0.58	J	ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds				
Total TIC Compounds	362	J	ug/kg	1
Unknown Naphthalene	15.6	J	ug/kg	1
Unknown Indene	13.0	J	ug/kg	1
Unknown Naphthalene	13.3	J	ug/kg	1
Unknown	18.9	J	ug/kg	1
Unknown	20.9	J	ug/kg	1
Undecane, 2,6-dimethyl-	31.3	NJ	ug/kg	1
Unknown	18.1	J	ug/kg	1
Unknown Aromatic	20.6	J	ug/kg	1
Unknown	16.7	J	ug/kg	1
Unknown	19.3	J	ug/kg	1
Unknown	19.7	J	ug/kg	1
Unknown Alkane	28.7	J	ug/kg	1
Unknown Alkane	68.5	J	ug/kg	1
Unknown	36.0	J	ug/kg	1
trans-Decalin, 2-methyl-	21.1	NJ	ug/kg	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06 Date Collected: 03/30/23 11:40

Client ID: SB-37 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07 Date Collected: 03/30/23 11:15
Client ID: SB-38 Date Received: 03/31/23
Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/03/23 18:20
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07 Date Collected: 03/30/23 11:15

Client ID: SB-38 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	0.43	J	ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	19		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	4.0	J	ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	2.5	J	ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07 Date Collected: 03/30/23 11:15

Client ID: SB-38 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	0.21	J	ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Tentatively Identified Compounds				
Total TIC Compounds	17.7	J	ug/kg	1
Unknown	2.25	J	ug/kg	1
Unknown Naphthalene	2.47	J	ug/kg	1
Unknown Naphthalene	2.44	J	ug/kg	1
Unknown	8.30	J	ug/kg	1
Unknown	2.25	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	80		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/03/23 13:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06-07 Batch: WG1762421-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.77	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/03/23 13:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06-07 Batch: WG1762421-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.41	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/03/23 13:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06-07 Batch: WG1762421-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/03/23 13:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06-07 Batch: WG1762421-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	97		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/05/23 08:31
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1763545-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/05/23 08:31
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1763545-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/05/23 08:31
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1763545-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/05/23 08:31
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1763545-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	115		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06-07 Batch: WG1762421-3 WG1762421-4								
Methylene chloride	92		92		70-130	0		30
1,1-Dichloroethane	92		91		70-130	1		30
Chloroform	96		97		70-130	1		30
Carbon tetrachloride	98		100		70-130	2		30
1,2-Dichloropropane	95		94		70-130	1		30
Dibromochloromethane	96		99		70-130	3		30
1,1,2-Trichloroethane	94		94		70-130	0		30
Tetrachloroethene	99		100		70-130	1		30
Chlorobenzene	97		97		70-130	0		30
Trichlorofluoromethane	115		117		70-139	2		30
1,2-Dichloroethane	89		87		70-130	2		30
1,1,1-Trichloroethane	100		101		70-130	1		30
Bromodichloromethane	100		100		70-130	0		30
trans-1,3-Dichloropropene	92		92		70-130	0		30
cis-1,3-Dichloropropene	99		99		70-130	0		30
1,1-Dichloropropene	101		102		70-130	1		30
Bromoform	91		89		70-130	2		30
1,1,2,2-Tetrachloroethane	96		94		70-130	2		30
Benzene	98		99		70-130	1		30
Toluene	92		93		70-130	1		30
Ethylbenzene	93		94		70-130	1		30
Chloromethane	85		86		52-130	1		30
Bromomethane	**176**	Q	**176**	Q	57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06-07 Batch: WG1762421-3 WG1762421-4								
Vinyl chloride	107		109		67-130	2		30
Chloroethane	126		127		50-151	1		30
1,1-Dichloroethene	105		106		65-135	1		30
trans-1,2-Dichloroethene	99		100		70-130	1		30
Trichloroethene	106		107		70-130	1		30
1,2-Dichlorobenzene	96		95		70-130	1		30
1,3-Dichlorobenzene	96		94		70-130	2		30
1,4-Dichlorobenzene	95		93		70-130	2		30
Methyl tert butyl ether	87		87		66-130	0		30
p/m-Xylene	100		100		70-130	0		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	99		101		70-130	2		30
Dibromomethane	99		98		70-130	1		30
Styrene	94		95		70-130	1		30
Dichlorodifluoromethane	86		85		30-146	1		30
Acetone	76		70		54-140	8		30
Carbon disulfide	89		89		59-130	0		30
2-Butanone	75		70		70-130	7		30
Vinyl acetate	86		82		70-130	5		30
4-Methyl-2-pentanone	76		74		70-130	3		30
1,2,3-Trichloropropane	88		86		68-130	2		30
2-Hexanone	75		76		70-130	1		30
Bromochloromethane	97		96		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06-07 Batch: WG1762421-3 WG1762421-4								
2,2-Dichloropropane	94		92		70-130	2		30
1,2-Dibromoethane	98		96		70-130	2		30
1,3-Dichloropropane	92		91		69-130	1		30
1,1,1,2-Tetrachloroethane	93		94		70-130	1		30
Bromobenzene	92		91		70-130	1		30
n-Butylbenzene	101		100		70-130	1		30
sec-Butylbenzene	100		99		70-130	1		30
tert-Butylbenzene	96		95		70-130	1		30
o-Chlorotoluene	92		91		70-130	1		30
p-Chlorotoluene	92		91		70-130	1		30
1,2-Dibromo-3-chloropropane	94		92		68-130	2		30
Hexachlorobutadiene	91		92		67-130	1		30
Isopropylbenzene	96		96		70-130	0		30
p-Isopropyltoluene	98		97		70-130	1		30
Naphthalene	95		92		70-130	3		30
Acrylonitrile	85		85		70-130	0		30
n-Propylbenzene	96		95		70-130	1		30
1,2,3-Trichlorobenzene	99		95		70-130	4		30
1,2,4-Trichlorobenzene	97		95		70-130	2		30
1,3,5-Trimethylbenzene	94		94		70-130	0		30
1,2,4-Trimethylbenzene	94		93		70-130	1		30
1,4-Dioxane	90		91		65-136	1		30
p-Diethylbenzene	98		97		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06-07 Batch: WG1762421-3 WG1762421-4								
p-Ethyltoluene	97		96		70-130	1		30
1,2,4,5-Tetramethylbenzene	95		93		70-130	2		30
Ethyl ether	119		120		67-130	1		30
trans-1,4-Dichloro-2-butene	87		84		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		91		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1763545-3 WG1763545-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	89		92		63-130	3		20
1,1,2-Trichloroethane	92		95		70-130	3		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	140		140		62-150	0		20
1,2-Dichloroethane	110		120		70-130	9		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	92		95		70-130	3		20
cis-1,3-Dichloropropene	97		99		70-130	2		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	81		87		54-136	7		20
1,1,2,2-Tetrachloroethane	79		87		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	99		99		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	83		87		39-139	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1763545-3 WG1763545-4								
Vinyl chloride	130		130		55-140	0		20
Chloroethane	**140**	Q	**140**	Q	55-138	0		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	120		110		70-130	9		20
1,2-Dichlorobenzene	95		98		70-130	3		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	96		98		70-130	2		20
Methyl tert butyl ether	95		100		63-130	5		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	92		97		70-130	5		20
1,2,3-Trichloropropane	82		90		64-130	9		20
Acrylonitrile	100		120		70-130	18		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	130		130		36-147	0		20
Acetone	86		100		58-148	15		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	85		81		63-138	5		20
Vinyl acetate	98		100		70-130	2		20
4-Methyl-2-pentanone	81		93		59-130	14		20
2-Hexanone	74		84		57-130	13		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1763545-3 WG1763545-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	88		95		70-130	8		20
1,3-Dichloropropane	91		95		70-130	4		20
1,1,1,2-Tetrachloroethane	96		97		64-130	1		20
Bromobenzene	94		96		70-130	2		20
n-Butylbenzene	97		97		53-136	0		20
sec-Butylbenzene	99		100		70-130	1		20
tert-Butylbenzene	100		99		70-130	1		20
o-Chlorotoluene	96		96		70-130	0		20
p-Chlorotoluene	95		96		70-130	1		20
1,2-Dibromo-3-chloropropane	71		79		41-144	11		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	97		97		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	70		81		70-130	15		20
n-Propylbenzene	98		97		69-130	1		20
1,2,3-Trichlorobenzene	85		94		70-130	10		20
1,2,4-Trichlorobenzene	89		96		70-130	8		20
1,3,5-Trimethylbenzene	96		96		64-130	0		20
1,2,4-Trimethylbenzene	93		95		70-130	2		20
1,4-Dioxane	96		110		56-162	14		20
p-Diethylbenzene	98		97		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1763545-3 WG1763545-4								
p-Ethyltoluene	97		97		70-130	0		20
1,2,4,5-Tetramethylbenzene	90		91		70-130	1		20
Ethyl ether	110		120		59-134	9		20
trans-1,4-Dichloro-2-butene	82		87		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	121		124		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	92		92		70-130
Dibromofluoromethane	108		108		70-130

SEMIVOLATILES

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01
Client ID: GW-3
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/04/23 04:18
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 15:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	2.3	J	ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01 Date Collected: 03/30/23 13:00

Client ID: GW-3 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	10.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01 Date Collected: 03/30/23 13:00

Client ID: GW-3 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	393	J	ug/l			1
Unknown	4.54	J	ug/l			1
Unknown	6.22	J	ug/l			1
Unknown	91.1	J	ug/l			1
Unknown	79.2	J	ug/l			1
Unknown	58.4	J	ug/l			1
Unknown	4.40	J	ug/l			1
Unknown	4.18	JB	ug/l			1
Unknown	6.84	JB	ug/l			1
Unknown	4.18	J	ug/l			1
Unknown	4.25	J	ug/l			1
Unknown	5.20	J	ug/l			1
Unknown	5.74	J	ug/l			1
Unknown	10.0	J	ug/l			1
Unknown Amide	9.24	J	ug/l			1
Unknown Organic Acid	100	JB	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	70		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01
Client ID: GW-3
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/04/23 10:52
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 16:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.22		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.18		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.12		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.10	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.11		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.09	J	ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.06	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.07	J	ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.18		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.01	1
Pyrene	0.20		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.11		ug/l	0.10	0.02	1
Pentachlorophenol	0.09	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01 Date Collected: 03/30/23 13:00

Client ID: GW-3 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	106		10-120
4-Terphenyl-d14	69		41-149

Project Name: 100 MAIN ST.
Lab Number: L2316865
Project Number: 12461
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01
Client ID: GW-3
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/05/23 16:09
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	56		15-110

Project Name: 100 MAIN ST.
Lab Number: L2316865
Project Number: 12461
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01
Client ID: GW-3
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/19/23 20:52
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 04/19/23 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	23.6		ng/l	6.25	1.00	1
Perfluoropentanoic Acid (PFPeA)	31.5		ng/l	3.12	0.836	1
Perfluorobutanesulfonic Acid (PFBS)	83.5		ng/l	1.56	0.523	1
Perfluorohexanoic Acid (PFHxA)	23.9		ng/l	1.56	0.461	1
Perfluoroheptanoic Acid (PFHpA)	16.2		ng/l	1.56	0.312	1
Perfluorohexanesulfonic Acid (PFHxS)	14.1		ng/l	1.56	0.375	1
Perfluorooctanoic Acid (PFOA)	26.3		ng/l	1.56	0.680	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	7.42		ng/l	6.25	2.11	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.56	0.422	1
Perfluorononanoic Acid (PFNA)	0.859	J	ng/l	1.56	0.492	1
Perfluorooctanesulfonic Acid (PFOS)	1.87		ng/l	1.56	0.711	1
Perfluorodecanoic Acid (PFDA)	1.48	J	ng/l	1.56	0.633	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.25	2.43	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	0.852	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.680	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.359	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.422	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.844	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.719	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.586	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	0.414	1
PFOA/PFOS, Total	28.2		ng/l	1.56	0.680	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01 Date Collected: 03/30/23 13:00

Client ID: GW-3 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	100		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	100		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	97		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	134		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	132		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02
Client ID: GW-4
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/04/23 12:55
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 15:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.8	0.57	1
Bis(2-chloroethyl)ether	ND		ug/l	2.3	0.58	1
1,2-Dichlorobenzene	ND		ug/l	2.3	0.52	1
1,3-Dichlorobenzene	ND		ug/l	2.3	0.46	1
1,4-Dichlorobenzene	ND		ug/l	2.3	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.8	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.8	1.3	1
2,6-Dinitrotoluene	ND		ug/l	5.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.3	0.56	1
4-Bromophenyl phenyl ether	ND		ug/l	2.3	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.3	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.8	0.58	1
Hexachlorocyclopentadiene	ND		ug/l	23	0.79	1
Isophorone	ND		ug/l	5.8	1.4	1
Nitrobenzene	ND		ug/l	2.3	0.88	1
NDPA/DPA	ND		ug/l	2.3	0.48	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.8	0.74	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.4	1.8	1
Butyl benzyl phthalate	3.1	J	ug/l	5.8	1.3	1
Di-n-butylphthalate	1.5	J	ug/l	5.8	0.44	1
Di-n-octylphthalate	ND		ug/l	5.8	1.4	1
Diethyl phthalate	ND		ug/l	5.8	0.44	1
Dimethyl phthalate	ND		ug/l	5.8	2.1	1
Biphenyl	ND		ug/l	2.3	0.52	1
4-Chloroaniline	ND		ug/l	5.8	1.2	1
2-Nitroaniline	ND		ug/l	5.8	0.57	1
3-Nitroaniline	ND		ug/l	5.8	0.93	1
4-Nitroaniline	ND		ug/l	5.8	0.92	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02 Date Collected: 03/30/23 13:30

Client ID: GW-4 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.3	0.57	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	11	0.50	1
Acetophenone	ND		ug/l	5.8	0.60	1
2,4,6-Trichlorophenol	ND		ug/l	5.8	0.70	1
p-Chloro-m-cresol	ND		ug/l	2.3	0.40	1
2-Chlorophenol	ND		ug/l	2.3	0.55	1
2,4-Dichlorophenol	ND		ug/l	5.8	0.47	1
2,4-Dimethylphenol	ND		ug/l	5.8	2.0	1
2-Nitrophenol	ND		ug/l	11	0.97	1
4-Nitrophenol	ND		ug/l	11	0.77	1
2,4-Dinitrophenol	ND		ug/l	23	7.6	1
4,6-Dinitro-o-cresol	ND		ug/l	11	2.1	1
Phenol	0.72	J	ug/l	5.8	0.65	1
2-Methylphenol	ND		ug/l	5.8	0.56	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.8	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.8	0.89	1
Benzoic Acid	65.		ug/l	58	3.0	1
Benzyl Alcohol	31.		ug/l	2.3	0.68	1
Carbazole	ND		ug/l	2.3	0.56	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02 Date Collected: 03/30/23 13:30

Client ID: GW-4 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	427	J	ug/l			1
Unknown	36.5	J	ug/l			1
Unknown	13.1	J	ug/l			1
Unknown	12.7	J	ug/l			1
Unknown	23.7	J	ug/l			1
Unknown Organic Acid	15.2	J	ug/l			1
Unknown Organic Acid	87.5	J	ug/l			1
Unknown Alcohol	14.8	J	ug/l			1
Unknown	19.2	J	ug/l			1
Unknown	92.6	J	ug/l			1
Unknown Aldehyde	12.1	J	ug/l			1
Unknown	15.6	J	ug/l			1
Unknown	21.9	J	ug/l			1
Unknown Organic Acid	27.0	J	ug/l			1
Unknown	11.2	J	ug/l			1
Unknown	24.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	59		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02
Client ID: GW-4
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/04/23 11:09
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 16:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.16		ug/l	0.11	0.02	1
2-Chloronaphthalene	ND		ug/l	0.23	0.02	1
Fluoranthene	0.15		ug/l	0.11	0.02	1
Hexachlorobutadiene	ND		ug/l	0.57	0.05	1
Naphthalene	0.37		ug/l	0.11	0.06	1
Benzo(a)anthracene	0.07	J	ug/l	0.11	0.02	1
Benzo(a)pyrene	0.05	J	ug/l	0.11	0.02	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.11	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.11	0.01	1
Chrysene	0.05	J	ug/l	0.11	0.01	1
Acenaphthylene	0.05	J	ug/l	0.11	0.01	1
Anthracene	0.14		ug/l	0.11	0.02	1
Benzo(ghi)perylene	0.03	J	ug/l	0.11	0.02	1
Fluorene	0.06	J	ug/l	0.11	0.02	1
Phenanthrene	0.18		ug/l	0.11	0.03	1
Dibenzo(a,h)anthracene	ND		ug/l	0.11	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.11	0.01	1
Pyrene	0.17		ug/l	0.11	0.02	1
2-Methylnaphthalene	0.19		ug/l	0.11	0.03	1
Pentachlorophenol	ND		ug/l	0.92	0.02	1
Hexachlorobenzene	ND		ug/l	0.92	0.01	1
Hexachloroethane	ND		ug/l	0.92	0.07	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02 Date Collected: 03/30/23 13:30

Client ID: GW-4 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		21-120
Phenol-d6	77		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	65		41-149

Project Name: 100 MAIN ST.
Lab Number: L2316865
Project Number: 12461
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02
Client ID: GW-4
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/05/23 16:33
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	2030		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	57		15-110

Project Name: 100 MAIN ST.
Lab Number: L2316865
Project Number: 12461
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02
Client ID: GW-4
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/19/23 21:05
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 04/19/23 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	26.4		ng/l	6.41	1.02	1
Perfluoropentanoic Acid (PFPeA)	36.0		ng/l	3.20	0.857	1
Perfluorobutanesulfonic Acid (PFBS)	22.2		ng/l	1.60	0.536	1
Perfluorohexanoic Acid (PFHxA)	40.1		ng/l	1.60	0.472	1
Perfluoroheptanoic Acid (PFHpA)	17.4		ng/l	1.60	0.320	1
Perfluorohexanesulfonic Acid (PFHxS)	12.7		ng/l	1.60	0.384	1
Perfluorooctanoic Acid (PFOA)	31.8		ng/l	1.60	0.697	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	58.6		ng/l	6.41	2.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.961	J	ng/l	1.60	0.432	1
Perfluorononanoic Acid (PFNA)	1.20	J	ng/l	1.60	0.504	1
Perfluorooctanesulfonic Acid (PFOS)	10.9		ng/l	1.60	0.729	1
Perfluorodecanoic Acid (PFDA)	1.52	J	ng/l	1.60	0.649	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	6.73		ng/l	6.41	2.49	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.873	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.697	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368	1
Perfluorooctanesulfonamide (PFOSA)	1.92		ng/l	1.60	0.432	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.96		ng/l	1.60	0.865	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.737	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424	1
PFOA/PFOS, Total	42.7		ng/l	1.60	0.697	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02 Date Collected: 03/30/23 13:30

Client ID: GW-4 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	105		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	105		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	109		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	101		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	103		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	102		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	143		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	137		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	103		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70		20-150

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03
Client ID: GW-5
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 10:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/04/23 13:21
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 15:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03 Date Collected: 03/30/23 10:30

Client ID: GW-5 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	9.3	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03 Date Collected: 03/30/23 10:30

Client ID: GW-5 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	79.0	J	ug/l			1
Unknown	4.94	J	ug/l			1
Unknown	3.05	J	ug/l			1
Unknown	2.36	J	ug/l			1
Unknown	3.85	JB	ug/l			1
Unknown	2.80	J	ug/l			1
Unknown	2.07	J	ug/l			1
Unknown	2.11	J	ug/l			1
Unknown	1.74	JB	ug/l			1
Unknown	4.25	J	ug/l			1
Unknown	1.93	J	ug/l			1
Unknown Alcohol	3.31	J	ug/l			1
Unknown Organic Acid	1.96	J	ug/l			1
Unknown Organic Acid	3.31	J	ug/l			1
Unknown Organic Acid	15.3	J	ug/l			1
Unknown Organic Acid	26.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	64		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03
Client ID: GW-5
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 10:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/04/23 11:25
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 16:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.17		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.09	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.08	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.06	J	ug/l	0.10	0.01	1
Acenaphthylene	0.01	J	ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.06	J	ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.14		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.01	1
Pyrene	0.14		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03 Date Collected: 03/30/23 10:30

Client ID: GW-5 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	68		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03
Client ID: GW-5
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 10:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/06/23 20:02
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 17:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	136	30.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	38		15-110

Project Name: 100 MAIN ST.
Lab Number: L2316865
Project Number: 12461
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03
Client ID: GW-5
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 10:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/19/23 21:18
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 04/19/23 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.69	J	ng/l	6.41	1.02	1
Perfluoropentanoic Acid (PFPeA)	8.33		ng/l	3.20	0.857	1
Perfluorobutanesulfonic Acid (PFBS)	2.24		ng/l	1.60	0.537	1
Perfluorohexanoic Acid (PFHxA)	4.65		ng/l	1.60	0.473	1
Perfluoroheptanoic Acid (PFHpA)	2.32	F	ng/l	1.60	0.320	1
Perfluorohexanesulfonic Acid (PFHxS)	3.60		ng/l	1.60	0.384	1
Perfluorooctanoic Acid (PFOA)	7.05		ng/l	1.60	0.697	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.41	2.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432	1
Perfluorononanoic Acid (PFNA)	1.52	J	ng/l	1.60	0.505	1
Perfluorooctanesulfonic Acid (PFOS)	20.8		ng/l	1.60	0.729	1
Perfluorodecanoic Acid (PFDA)	1.12	JF	ng/l	1.60	0.649	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.41	2.49	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.873	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.697	1
Perfluorodecanesulfonic Acid (PFDS)	0.481	J	ng/l	1.60	0.368	1
Perfluorooctanesulfonamide (PFOSA)	1.28	J	ng/l	1.60	0.432	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	5.77		ng/l	1.60	0.865	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.737	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.601	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424	1
PFOA/PFOS, Total	27.9		ng/l	1.60	0.697	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03 Date Collected: 03/30/23 10:30

Client ID: GW-5 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	105		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	53		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-150

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04
Client ID: GW-6
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/04/23 13:46
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 15:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04 Date Collected: 03/30/23 11:00

Client ID: GW-6 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04 Date Collected: 03/30/23 11:00

Client ID: GW-6 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	74.5	J	ug/l			1
Unknown	1.82	J	ug/l			1
Unknown	2.47	J	ug/l			1
Unknown	3.53	JB	ug/l			1
Unknown	1.64	J	ug/l			1
Unknown	1.56	JB	ug/l			1
Unknown	1.60	J	ug/l			1
Unknown	3.34	J	ug/l			1
Unknown	9.05	J	ug/l			1
Unknown	6.94	J	ug/l			1
Unknown Organic Acid	2.80	JB	ug/l			1
Unknown Organic Acid	14.8	J	ug/l			1
Unknown Organic Acid	24.9	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	57		41-149

Project Name: 100 MAIN ST.
Lab Number: L2316865
Project Number: 12461
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04
Client ID: GW-6
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/04/23 11:41
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 16:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04 Date Collected: 03/30/23 11:00

Client ID: GW-6 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	66		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04
Client ID: GW-6
Sample Location: WHITE PLAINS, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/06/23 20:23
Analyst: TPR

Date Collected: 03/30/23 11:00
Date Received: 03/31/23
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 17:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	136	30.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: 100 MAIN ST.
Lab Number: L2316865
Project Number: 12461
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04
Client ID: GW-6
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/19/23 21:31
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 04/19/23 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.80		ng/l	6.24	0.998	1
Perfluoropentanoic Acid (PFPeA)	11.8		ng/l	3.12	0.834	1
Perfluorobutanesulfonic Acid (PFBS)	11.8		ng/l	1.56	0.522	1
Perfluorohexanoic Acid (PFHxA)	17.8		ng/l	1.56	0.460	1
Perfluoroheptanoic Acid (PFHpA)	7.25		ng/l	1.56	0.312	1
Perfluorohexanesulfonic Acid (PFHxS)	348		ng/l	1.56	0.374	1
Perfluorooctanoic Acid (PFOA)	23.9		ng/l	1.56	0.678	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.24	2.10	1
Perfluoroheptanesulfonic Acid (PFHpS)	2.10		ng/l	1.56	0.421	1
Perfluorononanoic Acid (PFNA)	0.702	J	ng/l	1.56	0.491	1
Perfluorooctanesulfonic Acid (PFOS)	20.9		ng/l	1.56	0.710	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.56	0.632	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.24	2.42	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	0.850	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.678	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.359	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.421	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.842	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.718	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.585	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	0.413	1
PFOA/PFOS, Total	44.8		ng/l	1.56	0.678	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04 Date Collected: 03/30/23 11:00

Client ID: GW-6 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	104		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	115		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	69		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	48		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32		20-150

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05
Client ID: GW-7
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/04/23 14:11
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 15:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.3	0.53	1
Bis(2-chloroethyl)ether	ND		ug/l	2.1	0.53	1
1,2-Dichlorobenzene	ND		ug/l	2.1	0.48	1
1,3-Dichlorobenzene	ND		ug/l	2.1	0.43	1
1,4-Dichlorobenzene	ND		ug/l	2.1	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.3	1.7	1
2,4-Dinitrotoluene	ND		ug/l	5.3	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.3	0.98	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.1	0.52	1
4-Bromophenyl phenyl ether	ND		ug/l	2.1	0.40	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.1	0.56	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.3	0.53	1
Hexachlorocyclopentadiene	ND		ug/l	21	0.73	1
Isophorone	ND		ug/l	5.3	1.3	1
Nitrobenzene	ND		ug/l	2.1	0.82	1
NDPA/DPA	ND		ug/l	2.1	0.44	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.3	0.68	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.2	1.6	1
Butyl benzyl phthalate	4.4	J	ug/l	5.3	1.2	1
Di-n-butylphthalate	1.4	J	ug/l	5.3	0.41	1
Di-n-octylphthalate	ND		ug/l	5.3	1.3	1
Diethyl phthalate	ND		ug/l	5.3	0.40	1
Dimethyl phthalate	ND		ug/l	5.3	1.9	1
Biphenyl	ND		ug/l	2.1	0.48	1
4-Chloroaniline	ND		ug/l	5.3	1.1	1
2-Nitroaniline	ND		ug/l	5.3	0.53	1
3-Nitroaniline	ND		ug/l	5.3	0.86	1
4-Nitroaniline	ND		ug/l	5.3	0.85	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05 Date Collected: 03/30/23 11:30

Client ID: GW-7 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.1	0.53	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.46	1
Acetophenone	ND		ug/l	5.3	0.56	1
2,4,6-Trichlorophenol	ND		ug/l	5.3	0.65	1
p-Chloro-m-cresol	ND		ug/l	2.1	0.37	1
2-Chlorophenol	ND		ug/l	2.1	0.51	1
2,4-Dichlorophenol	ND		ug/l	5.3	0.43	1
2,4-Dimethylphenol	ND		ug/l	5.3	1.9	1
2-Nitrophenol	ND		ug/l	10	0.90	1
4-Nitrophenol	ND		ug/l	10	0.71	1
2,4-Dinitrophenol	ND		ug/l	21	7.0	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.9	1
Phenol	ND		ug/l	5.3	0.60	1
2-Methylphenol	ND		ug/l	5.3	0.52	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.3	0.51	1
2,4,5-Trichlorophenol	ND		ug/l	5.3	0.82	1
Benzoic Acid	9.6	J	ug/l	53	2.8	1
Benzyl Alcohol	ND		ug/l	2.1	0.62	1
Carbazole	ND		ug/l	2.1	0.52	1

Tentatively Identified Compounds				
Total TIC Compounds	42.3	J	ug/l	1
Unknown	4.27	J	ug/l	1
Unknown	4.15	JB	ug/l	1
Unknown	1.58	J	ug/l	1
Unknown	1.92	JB	ug/l	1
Unknown	2.38	J	ug/l	1
Unknown	3.19	JB	ug/l	1
Unknown	2.88	J	ug/l	1
Unknown Organic Acid	2.12	JB	ug/l	1
Unknown Organic Acid	19.8	J	ug/l	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05 Date Collected: 03/30/23 11:30

Client ID: GW-7 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	50		41-149

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05
Client ID: GW-7
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/04/23 11:58
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 16:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.21	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.53	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.02	1
Phenanthrene	0.03	J	ug/l	0.10	0.03	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.85	0.02	1
Hexachlorobenzene	ND		ug/l	0.85	0.01	1
Hexachloroethane	ND		ug/l	0.85	0.07	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05 Date Collected: 03/30/23 11:30

Client ID: GW-7 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	71		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05
Client ID: GW-7
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/06/23 20:44
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 17:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	136	30.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Project Name: 100 MAIN ST.
Lab Number: L2316865
Project Number: 12461
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05
Client ID: GW-7
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/19/23 21:44
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 04/19/23 06:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.47		ng/l	5.74	0.918	1
Perfluoropentanoic Acid (PFPeA)	9.47		ng/l	2.87	0.768	1
Perfluorobutanesulfonic Acid (PFBS)	6.82		ng/l	1.44	0.481	1
Perfluorohexanoic Acid (PFHxA)	11.0		ng/l	1.44	0.423	1
Perfluoroheptanoic Acid (PFHpA)	5.81		ng/l	1.44	0.287	1
Perfluorohexanesulfonic Acid (PFHxS)	26.3		ng/l	1.44	0.344	1
Perfluorooctanoic Acid (PFOA)	15.6		ng/l	1.44	0.624	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.74	1.94	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.646	J	ng/l	1.44	0.387	1
Perfluorononanoic Acid (PFNA)	1.58		ng/l	1.44	0.452	1
Perfluorooctanesulfonic Acid (PFOS)	23.0		ng/l	1.44	0.653	1
Perfluorodecanoic Acid (PFDA)	1.72		ng/l	1.44	0.581	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.74	2.23	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.44	0.782	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.44	0.624	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.44	0.330	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.44	0.387	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.44	0.775	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.44	0.660	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.44	0.538	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.44	0.380	1
PFOA/PFOS, Total	38.6		ng/l	1.44	0.624	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05 Date Collected: 03/30/23 11:30

Client ID: GW-7 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	106		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	103		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	110		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	53		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55		20-150

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06
Client ID: SB-37
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:40
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/05/23 16:14
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 04/04/23 07:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	440		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	48	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06 Date Collected: 03/30/23 11:40

Client ID: SB-37 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	290		ug/kg	110	20.	1
Benzo(a)pyrene	330		ug/kg	140	44.	1
Benzo(b)fluoranthene	350		ug/kg	110	30.	1
Benzo(k)fluoranthene	150		ug/kg	110	29.	1
Chrysene	270		ug/kg	110	19.	1
Acenaphthylene	130	J	ug/kg	140	28.	1
Anthracene	140		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	260		ug/kg	180	17.	1
Phenanthrene	850		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	520		ug/kg	110	18.	1
Biphenyl	70	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	160	J	ug/kg	180	17.	1
2-Methylnaphthalene	150	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06 Date Collected: 03/30/23 11:40

Client ID: SB-37 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	96	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	20600	J	ug/kg			1
Unknown	2250	J	ug/kg			1
Unknown Alkane	932	J	ug/kg			1
Unknown Alkane	1440	J	ug/kg			1
Unknown Alkane	3240	J	ug/kg			1
Unknown Alkane	2040	J	ug/kg			1
Unknown Alkane	4440	J	ug/kg			1
Unknown Alkane	390	J	ug/kg			1
Unknown Alkane	1860	J	ug/kg			1
Unknown	269	J	ug/kg			1
Unknown Alkane	1070	J	ug/kg			1
Unknown	308	J	ug/kg			1
Unknown Naphthalene	2330	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	75		18-120

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07
Client ID: SB-38
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:15
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/05/23 17:36
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/04/23 07:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	160		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07 Date Collected: 03/30/23 11:15

Client ID: SB-38 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	200		ug/kg	110	21.	1
Benzo(a)pyrene	260		ug/kg	150	45.	1
Benzo(b)fluoranthene	320		ug/kg	110	31.	1
Benzo(k)fluoranthene	92	J	ug/kg	110	29.	1
Chrysene	200		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	140	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	53	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	26	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	150	26.	1
Pyrene	180		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07 Date Collected: 03/30/23 11:15

Client ID: SB-38 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	53		18-120

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/04/23 02:24
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 15:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1762197-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/04/23 02:24
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 15:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1762197-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/04/23 02:24
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 15:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1762197-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds			
Total TIC Compounds	32.9	J	ug/l
Unknown	16.9	J	ug/l
Unknown Organic Acid	8.33	J	ug/l
Unknown	4.47	J	ug/l
Unknown	1.53	J	ug/l
Unknown	1.67	J	ug/l

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/04/23 02:24
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 15:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1762197-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	87		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/04/23 10:03
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 16:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05 Batch: WG1762202-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.02	J	ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/04/23 10:03
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/03/23 16:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05 Batch: WG1762202-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	79		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/05/23 00:44
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 04/04/23 07:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1762412-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/05/23 00:44
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 04/04/23 07:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1762412-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/05/23 00:44
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 04/04/23 07:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1762412-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	76		18-120

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/05/23 11:32
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 11:35

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-02 Batch: WG1762494-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	60		15-110

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/06/23 18:56
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 17:03

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 03-05 Batch: WG1762664-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/19/23 20:01
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 04/19/23 06:53

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1768406-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
PFOA/PFOS, Total	ND		ng/l	1.60	0.696

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/19/23 20:01
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 04/19/23 06:53

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1768406-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	92		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	97		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	76		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	99		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	90		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1762197-2 WG1762197-3								
Acenaphthene	70		61		37-111	14		30
1,2,4-Trichlorobenzene	78		75		39-98	4		30
Hexachlorobenzene	75		66		40-140	13		30
Bis(2-chloroethyl)ether	65		61		40-140	6		30
2-Chloronaphthalene	78		69		40-140	12		30
1,2-Dichlorobenzene	68		64		40-140	6		30
1,3-Dichlorobenzene	63		61		40-140	3		30
1,4-Dichlorobenzene	65		61		36-97	6		30
3,3'-Dichlorobenzidine	47		**38**	Q	40-140	21		30
2,4-Dinitrotoluene	87		77		48-143	12		30
2,6-Dinitrotoluene	93		82		40-140	13		30
Fluoranthene	81		71		40-140	13		30
4-Chlorophenyl phenyl ether	81		74		40-140	9		30
4-Bromophenyl phenyl ether	86		71		40-140	19		30
Bis(2-chloroisopropyl)ether	82		79		40-140	4		30
Bis(2-chloroethoxy)methane	66		63		40-140	5		30
Hexachlorobutadiene	80		73		40-140	9		30
Hexachlorocyclopentadiene	83		69		40-140	18		30
Hexachloroethane	64		64		40-140	0		30
Isophorone	65		64		40-140	2		30
Naphthalene	69		59		40-140	16		30
Nitrobenzene	69		66		40-140	4		30
NDPA/DPA	81		68		40-140	17		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1762197-2 WG1762197-3								
n-Nitrosodi-n-propylamine	69		68		29-132	1		30
Bis(2-ethylhexyl)phthalate	77		69		40-140	11		30
Butyl benzyl phthalate	77		69		40-140	11		30
Di-n-butylphthalate	73		67		40-140	9		30
Di-n-octylphthalate	74		66		40-140	11		30
Diethyl phthalate	82		70		40-140	16		30
Dimethyl phthalate	88		78		40-140	12		30
Benzo(a)anthracene	81		70		40-140	15		30
Benzo(a)pyrene	74		66		40-140	11		30
Benzo(b)fluoranthene	72		64		40-140	12		30
Benzo(k)fluoranthene	74		65		40-140	13		30
Chrysene	76		69		40-140	10		30
Acenaphthylene	84		73		45-123	14		30
Anthracene	74		65		40-140	13		30
Benzo(ghi)perylene	72		63		40-140	13		30
Fluorene	79		68		40-140	15		30
Phenanthrene	72		63		40-140	13		30
Dibenzo(a,h)anthracene	74		66		40-140	11		30
Indeno(1,2,3-cd)pyrene	86		74		40-140	15		30
Pyrene	80		70		26-127	13		30
Biphenyl	90		80		40-140	12		30
4-Chloroaniline	55		53		40-140	4		30
2-Nitroaniline	88		77		52-143	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1762197-2 WG1762197-3								
3-Nitroaniline	65		58		25-145	11		30
4-Nitroaniline	76		65		51-143	16		30
Dibenzofuran	79		67		40-140	16		30
2-Methylnaphthalene	72		65		40-140	10		30
1,2,4,5-Tetrachlorobenzene	100		93		2-134	7		30
Acetophenone	79		72		39-129	9		30
2,4,6-Trichlorophenol	108		97		30-130	11		30
p-Chloro-m-cresol	81		70		23-97	15		30
2-Chlorophenol	69		66		27-123	4		30
2,4-Dichlorophenol	91		84		30-130	8		30
2,4-Dimethylphenol	62		57		30-130	8		30
2-Nitrophenol	106		99		30-130	7		30
4-Nitrophenol	**88**	Q	71		10-80	21		30
2,4-Dinitrophenol	**132**	Q	**132**	Q	20-130	0		30
4,6-Dinitro-o-cresol	145		138		20-164	5		30
Pentachlorophenol	**109**	Q	99		9-103	10		30
Phenol	50		46		12-110	8		30
2-Methylphenol	69		61		30-130	12		30
3-Methylphenol/4-Methylphenol	72		65		30-130	10		30
2,4,5-Trichlorophenol	104		89		30-130	16		30
Benzoic Acid	74		87		10-164	16		30
Benzyl Alcohol	71		65		26-116	9		30
Carbazole	74		65		55-144	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1762197-2 WG1762197-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		60		21-120
Phenol-d6	52		46		10-120
Nitrobenzene-d5	75		72		23-120
2-Fluorobiphenyl	91		84		15-120
2,4,6-Tribromophenol	98		89		10-120
4-Terphenyl-d14	83		78		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05 Batch: WG1762202-2 WG1762202-3								
Acenaphthene	77		64		40-140	18		40
2-Chloronaphthalene	77		65		40-140	17		40
Fluoranthene	84		70		40-140	18		40
Hexachlorobutadiene	65		56		40-140	15		40
Naphthalene	73		62		40-140	16		40
Benzo(a)anthracene	91		75		40-140	19		40
Benzo(a)pyrene	89		73		40-140	20		40
Benzo(b)fluoranthene	86		70		40-140	21		40
Benzo(k)fluoranthene	89		73		40-140	20		40
Chrysene	85		70		40-140	19		40
Acenaphthylene	84		71		40-140	17		40
Anthracene	85		70		40-140	19		40
Benzo(ghi)perylene	90		74		40-140	20		40
Fluorene	80		68		40-140	16		40
Phenanthrene	78		65		40-140	18		40
Dibenzo(a,h)anthracene	91		75		40-140	19		40
Indeno(1,2,3-cd)pyrene	95		79		40-140	18		40
Pyrene	82		68		40-140	19		40
2-Methylnaphthalene	75		64		40-140	16		40
Pentachlorophenol	81		72		40-140	12		40
Hexachlorobenzene	66		55		40-140	18		40
Hexachloroethane	74		63		40-140	16		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05 Batch: WG1762202-2 WG1762202-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		67		21-120
Phenol-d6	70		58		10-120
Nitrobenzene-d5	106		89		23-120
2-Fluorobiphenyl	83		70		15-120
2,4,6-Tribromophenol	110		91		10-120
4-Terphenyl-d14	81		67		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1762412-2 WG1762412-3								
Acenaphthene	70		68		31-137	3		50
1,2,4-Trichlorobenzene	73		69		38-107	6		50
Hexachlorobenzene	83		80		40-140	4		50
Bis(2-chloroethyl)ether	71		71		40-140	0		50
2-Chloronaphthalene	72		72		40-140	0		50
1,2-Dichlorobenzene	68		68		40-140	0		50
1,3-Dichlorobenzene	68		66		40-140	3		50
1,4-Dichlorobenzene	66		64		28-104	3		50
3,3'-Dichlorobenzidine	57		55		40-140	4		50
2,4-Dinitrotoluene	79		76		40-132	4		50
2,6-Dinitrotoluene	75		74		40-140	1		50
Fluoranthene	77		75		40-140	3		50
4-Chlorophenyl phenyl ether	76		73		40-140	4		50
4-Bromophenyl phenyl ether	80		76		40-140	5		50
Bis(2-chloroisopropyl)ether	56		54		40-140	4		50
Bis(2-chloroethoxy)methane	70		68		40-117	3		50
Hexachlorobutadiene	68		66		40-140	3		50
Hexachlorocyclopentadiene	78		77		40-140	1		50
Hexachloroethane	57		55		40-140	4		50
Isophorone	64		64		40-140	0		50
Naphthalene	72		70		40-140	3		50
Nitrobenzene	64		61		40-140	5		50
NDPA/DPA	78		75		36-157	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1762412-2 WG1762412-3								
n-Nitrosodi-n-propylamine	64		62		32-121	3		50
Bis(2-ethylhexyl)phthalate	76		70		40-140	8		50
Butyl benzyl phthalate	80		75		40-140	6		50
Di-n-butylphthalate	78		74		40-140	5		50
Di-n-octylphthalate	76		70		40-140	8		50
Diethyl phthalate	73		70		40-140	4		50
Dimethyl phthalate	73		73		40-140	0		50
Benzo(a)anthracene	75		72		40-140	4		50
Benzo(a)pyrene	89		84		40-140	6		50
Benzo(b)fluoranthene	80		75		40-140	6		50
Benzo(k)fluoranthene	82		80		40-140	2		50
Chrysene	74		70		40-140	6		50
Acenaphthylene	80		80		40-140	0		50
Anthracene	76		74		40-140	3		50
Benzo(ghi)perylene	76		72		40-140	5		50
Fluorene	75		72		40-140	4		50
Phenanthrene	74		72		40-140	3		50
Dibenzo(a,h)anthracene	78		76		40-140	3		50
Indeno(1,2,3-cd)pyrene	79		75		40-140	5		50
Pyrene	75		74		35-142	1		50
Biphenyl	75		74		37-127	1		50
4-Chloroaniline	52		45		40-140	14		50
2-Nitroaniline	77		76		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1762412-2 WG1762412-3								
3-Nitroaniline	57		56		26-129	2		50
4-Nitroaniline	72		69		41-125	4		50
Dibenzofuran	76		73		40-140	4		50
2-Methylnaphthalene	73		71		40-140	3		50
1,2,4,5-Tetrachlorobenzene	75		76		40-117	1		50
Acetophenone	72		70		14-144	3		50
2,4,6-Trichlorophenol	80		80		30-130	0		50
p-Chloro-m-cresol	72		72		26-103	0		50
2-Chlorophenol	72		69		25-102	4		50
2,4-Dichlorophenol	76		74		30-130	3		50
2,4-Dimethylphenol	71		68		30-130	4		50
2-Nitrophenol	71		69		30-130	3		50
4-Nitrophenol	72		68		11-114	6		50
2,4-Dinitrophenol	67		70		4-130	4		50
4,6-Dinitro-o-cresol	84		81		10-130	4		50
Pentachlorophenol	88		86		17-109	2		50
Phenol	78		74		26-90	5		50
2-Methylphenol	72		69		30-130.	4		50
3-Methylphenol/4-Methylphenol	74		72		30-130	3		50
2,4,5-Trichlorophenol	83		82		30-130	1		50
Benzoic Acid	31		47		10-110	41		50
Benzyl Alcohol	71		68		40-140	4		50
Carbazole	80		75		54-128	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1762412-2 WG1762412-3								
1,4-Dioxane	45		40		40-140	12		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		73		25-120
Phenol-d6	75		72		10-120
Nitrobenzene-d5	66		63		23-120
2-Fluorobiphenyl	76		74		30-120
2,4,6-Tribromophenol	89		87		10-136
4-Terphenyl-d14	81		78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-02		Batch: WG1762494-2 WG1762494-3					
1,4-Dioxane	112		112		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	56		61		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 03-05		Batch: WG1762664-2	WG1762664-3				
1,4-Dioxane	112		113		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	45		46		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1768406-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	88		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	107		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	98		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	110		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	98		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	92		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	88		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	100		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	88		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	98		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	105		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	105		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	108		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1768406-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	97				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1768406-3								
Perfluorobutanoic Acid (PFBA)	98		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	98		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	93		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	97		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	99		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	99		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	97		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	95		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	108		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	106		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	95		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	92		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	96		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	109		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1768406-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	94				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	65				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	91				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	76				20-150

PCBS

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01
Client ID: GW-3
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/07/23 15:37
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.091	0.078	1	A
Aroclor 1221	ND		ug/l	0.091	0.078	1	A
Aroclor 1232	ND		ug/l	0.091	0.078	1	A
Aroclor 1242	ND		ug/l	0.091	0.078	1	A
Aroclor 1248	ND		ug/l	0.091	0.078	1	A
Aroclor 1254	ND		ug/l	0.091	0.078	1	A
Aroclor 1260	ND		ug/l	0.091	0.078	1	A
Aroclor 1262	ND		ug/l	0.091	0.078	1	A
Aroclor 1268	ND		ug/l	0.091	0.078	1	A
PCBs, Total	ND		ug/l	0.091	0.078	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02
Client ID: GW-4
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/07/23 15:46
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.081	0.069	1	A
Aroclor 1221	ND		ug/l	0.081	0.069	1	A
Aroclor 1232	ND		ug/l	0.081	0.069	1	A
Aroclor 1242	ND		ug/l	0.081	0.069	1	A
Aroclor 1248	ND		ug/l	0.081	0.069	1	A
Aroclor 1254	0.076	J	ug/l	0.081	0.069	1	B
Aroclor 1260	ND		ug/l	0.081	0.069	1	A
Aroclor 1262	ND		ug/l	0.081	0.069	1	A
Aroclor 1268	ND		ug/l	0.081	0.069	1	A
PCBs, Total	0.076	J	ug/l	0.081	0.069	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03
Client ID: GW-5
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 10:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/07/23 15:54
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 13:06
Cleanup Method: EPA 3665A
Cleanup Date: 04/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.077	0.066	1	A
Aroclor 1221	ND		ug/l	0.077	0.066	1	A
Aroclor 1232	ND		ug/l	0.077	0.066	1	A
Aroclor 1242	ND		ug/l	0.077	0.066	1	A
Aroclor 1248	ND		ug/l	0.077	0.066	1	A
Aroclor 1254	0.075	J	ug/l	0.077	0.066	1	B
Aroclor 1260	ND		ug/l	0.077	0.066	1	A
Aroclor 1262	ND		ug/l	0.077	0.066	1	A
Aroclor 1268	ND		ug/l	0.077	0.066	1	A
PCBs, Total	0.075	J	ug/l	0.077	0.066	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04
Client ID: GW-6
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/05/23 15:26
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 23:32
Cleanup Method: EPA 3665A
Cleanup Date: 04/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05
Client ID: GW-7
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/05/23 15:35
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 23:32
Cleanup Method: EPA 3665A
Cleanup Date: 04/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06
Client ID: SB-37
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:40
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/07/23 01:27
Analyst: JM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 04/04/23 12:25
Cleanup Method: EPA 3665A
Cleanup Date: 04/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	3.18	1	A
Aroclor 1221	ND		ug/kg	35.9	3.59	1	A
Aroclor 1232	ND		ug/kg	35.9	7.60	1	A
Aroclor 1242	ND		ug/kg	35.9	4.83	1	A
Aroclor 1248	ND		ug/kg	35.9	5.38	1	A
Aroclor 1254	ND		ug/kg	35.9	3.92	1	A
Aroclor 1260	ND		ug/kg	35.9	6.63	1	A
Aroclor 1262	ND		ug/kg	35.9	4.55	1	A
Aroclor 1268	ND		ug/kg	35.9	3.72	1	B
PCBs, Total	ND		ug/kg	35.9	3.18	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07
Client ID: SB-38
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:15
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/06/23 23:27
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/04/23 12:25
Cleanup Method: EPA 3665A
Cleanup Date: 04/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.12	1	A
Aroclor 1221	ND		ug/kg	35.1	3.52	1	A
Aroclor 1232	ND		ug/kg	35.1	7.44	1	A
Aroclor 1242	ND		ug/kg	35.1	4.73	1	A
Aroclor 1248	ND		ug/kg	35.1	5.26	1	A
Aroclor 1254	ND		ug/kg	35.1	3.84	1	A
Aroclor 1260	6.80	J	ug/kg	35.1	6.48	1	A
Aroclor 1262	ND		ug/kg	35.1	4.46	1	A
Aroclor 1268	ND		ug/kg	35.1	3.64	1	A
PCBs, Total	6.80	J	ug/kg	35.1	3.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/06/23 22:30
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 04/04/23 12:25
Cleanup Method: EPA 3665A
Cleanup Date: 04/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06-07 Batch: WG1762579-1						
Aroclor 1016	ND		ug/kg	31.9	2.84	A
Aroclor 1221	ND		ug/kg	31.9	3.20	A
Aroclor 1232	ND		ug/kg	31.9	6.77	A
Aroclor 1242	ND		ug/kg	31.9	4.31	A
Aroclor 1248	ND		ug/kg	31.9	4.79	A
Aroclor 1254	ND		ug/kg	31.9	3.50	A
Aroclor 1260	ND		ug/kg	31.9	5.90	A
Aroclor 1262	ND		ug/kg	31.9	4.06	A
Aroclor 1268	ND		ug/kg	31.9	3.31	A
PCBs, Total	ND		ug/kg	31.9	2.84	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/05/23 11:56
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 23:32
Cleanup Method: EPA 3665A
Cleanup Date: 04/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04-05 Batch: WG1762780-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	0.070	J	ug/l	0.071	0.061	A
Aroclor 1254	0.070	J	ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/07/23 13:35
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 04/06/23 12:11
Cleanup Method: EPA 3665A
Cleanup Date: 04/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/07/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1763583-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	B
PCBs, Total	ND		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	98		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG1762579-2 WG1762579-3									
Aroclor 1016	98		89		40-140	10		50	A
Aroclor 1260	94		86		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		84		30-150	A
Decachlorobiphenyl	102		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		86		30-150	B
Decachlorobiphenyl	102		95		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04-05 Batch: WG1762780-2 WG1762780-3									
Aroclor 1016	103		98		40-140	5		50	A
Aroclor 1260	95		91		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		89		30-150	A
Decachlorobiphenyl	103		99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		84		30-150	B
Decachlorobiphenyl	112		104		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1763583-2 WG1763583-3									
Aroclor 1016	113		90		40-140	23		50	A
Aroclor 1260	128		87		40-140	38		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		81		30-150	A
Decachlorobiphenyl	98		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		80		30-150	B
Decachlorobiphenyl	93		99		30-150	B

PESTICIDES

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01
Client ID: GW-3
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/05/23 18:39
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND	IP	ug/l	0.014	0.003	1	B
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01 Date Collected: 03/30/23 13:00

Client ID: GW-3 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02
Client ID: GW-4
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/05/23 18:51
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02 Date Collected: 03/30/23 13:30

Client ID: GW-4 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03
Client ID: GW-5
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 10:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/05/23 19:03
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND	IP	ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03 Date Collected: 03/30/23 10:30

Client ID: GW-5 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04
Client ID: GW-6
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/05/23 19:16
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND	IP	ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04 Date Collected: 03/30/23 11:00

Client ID: GW-6 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05
Client ID: GW-7
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/05/23 19:28
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.004	JIP	ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05 Date Collected: 03/30/23 11:30

Client ID: GW-7 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06
Client ID: SB-37
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:40
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/05/23 10:26
Analyst: AKM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 04/04/23 17:57
Cleanup Method: EPA 3620B
Cleanup Date: 04/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.707	0.316	1	A
Alpha-BHC	ND		ug/kg	0.707	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.707	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	3.34		ug/kg	1.70	0.392	1	A
4,4'-DDD	2.19		ug/kg	1.70	0.605	1	B
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.707	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06 Date Collected: 03/30/23 11:40

Client ID: SB-37 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07
Client ID: SB-38
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:15
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/05/23 10:38
Analyst: AKM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 04/04/23 17:57
Cleanup Method: EPA 3620B
Cleanup Date: 04/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.726	0.324	1	A
Alpha-BHC	ND		ug/kg	0.726	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.871	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.980	1	A
Endrin	ND		ug/kg	0.726	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	1.76		ug/kg	1.09	0.544	1	B
4,4'-DDE	3.18		ug/kg	1.74	0.403	1	A
4,4'-DDD	5.74		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND	IP	ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.726	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	2.28	IP	ug/kg	2.18	0.607	1	B
trans-Chlordane	4.28		ug/kg	2.18	0.575	1	B
Chlordane	16.8		ug/kg	14.5	5.77	1	B

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07 Date Collected: 03/30/23 11:15

Client ID: SB-38 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/05/23 09:36
Analyst: AAR

Extraction Method: EPA 3546
Extraction Date: 04/04/23 17:57
Cleanup Method: EPA 3620B
Cleanup Date: 04/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07 Batch: WG1762700-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.655	0.293	A
Alpha-BHC	ND		ug/kg	0.655	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.596	A
Heptachlor	ND		ug/kg	0.786	0.352	A
Aldrin	ND		ug/kg	1.57	0.553	A
Heptachlor epoxide	ND		ug/kg	2.95	0.884	A
Endrin	ND		ug/kg	0.655	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.688	A
Endrin ketone	ND		ug/kg	1.57	0.405	A
Dieldrin	ND		ug/kg	0.982	0.491	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.560	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.371	A
Endosulfan II	ND		ug/kg	1.57	0.525	A
Endosulfan sulfate	ND		ug/kg	0.655	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.917	A
Toxaphene	ND		ug/kg	29.5	8.25	A
cis-Chlordane	ND		ug/kg	1.96	0.547	A
trans-Chlordane	ND		ug/kg	1.96	0.519	A
Chlordane	ND		ug/kg	13.1	5.21	A

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/05/23 09:36
Analyst: AAR

Extraction Method: EPA 3546
Extraction Date: 04/04/23 17:57
Cleanup Method: EPA 3620B
Cleanup Date: 04/05/23
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07 Batch: WG1762700-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/05/23 18:03
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1762707-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	0.009	JIP	ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/05/23 18:03
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/04/23 18:11

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1762707-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG1762700-2 WG1762700-3									
Delta-BHC	83		87		30-150	5		30	A
Lindane	83		81		30-150	2		30	A
Alpha-BHC	90		89		30-150	1		30	A
Beta-BHC	80		81		30-150	1		30	A
Heptachlor	92		93		30-150	1		30	A
Aldrin	84		88		30-150	5		30	A
Heptachlor epoxide	80		81		30-150	1		30	A
Endrin	85		88		30-150	3		30	A
Endrin aldehyde	61		60		30-150	2		30	A
Endrin ketone	76		80		30-150	5		30	A
Dieldrin	92		94		30-150	2		30	A
4,4'-DDE	83		84		30-150	1		30	A
4,4'-DDD	92		93		30-150	1		30	A
4,4'-DDT	90		92		30-150	2		30	A
Endosulfan I	85		84		30-150	1		30	A
Endosulfan II	87		88		30-150	1		30	A
Endosulfan sulfate	59		63		30-150	7		30	A
Methoxychlor	85		89		30-150	5		30	A
cis-Chlordane	76		77		30-150	1		30	A
trans-Chlordane	98		100		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG1762700-2 WG1762700-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		85		30-150	A
Decachlorobiphenyl	78		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		79		30-150	B
Decachlorobiphenyl	78		78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1762707-2 WG1762707-3									
Delta-BHC	69		66		30-150	4		20	A
Lindane	78		75		30-150	4		20	A
Alpha-BHC	80		75		30-150	7		20	A
Beta-BHC	78		76		30-150	3		20	A
Heptachlor	72		70		30-150	2		20	A
Aldrin	71		69		30-150	4		20	A
Heptachlor epoxide	79		76		30-150	3		20	A
Endrin	80		76		30-150	5		20	A
Endrin aldehyde	71		68		30-150	3		20	A
Endrin ketone	87		84		30-150	4		20	A
Dieldrin	86		81		30-150	6		20	A
4,4'-DDE	79		75		30-150	6		20	A
4,4'-DDD	87		83		30-150	5		20	A
4,4'-DDT	82		80		30-150	3		20	A
Endosulfan I	78		75		30-150	5		20	A
Endosulfan II	80		77		30-150	5		20	A
Endosulfan sulfate	80		74		30-150	7		20	A
Methoxychlor	84		82		30-150	3		20	A
cis-Chlordane	70		66		30-150	5		20	A
trans-Chlordane	87		83		30-150	4		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1762707-2 WG1762707-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		63		30-150	A
Decachlorobiphenyl	94		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		59		30-150	B
Decachlorobiphenyl	70		65		30-150	B

METALS

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01 Date Collected: 03/30/23 13:00

Client ID: GW-3 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	32.4		mg/l	0.100	0.0327	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.04000	0.00429	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00427	J	mg/l	0.00500	0.00165	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Barium, Total	0.7488		mg/l	0.00500	0.00173	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00500	0.00107	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00200	0.00059	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Calcium, Total	335.		mg/l	1.00	0.394	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Chromium, Total	0.1438		mg/l	0.01000	0.00178	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.07232		mg/l	0.00500	0.00163	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Copper, Total	0.1709		mg/l	0.01000	0.00384	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Iron, Total	71.1		mg/l	0.500	0.191	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Lead, Total	0.03912		mg/l	0.01000	0.00343	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Magnesium, Total	116.		mg/l	0.700	0.242	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Manganese, Total	2.103		mg/l	0.01000	0.00440	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Mercury, Total	0.00011	J	mg/l	0.00020	0.00009	1	04/02/23 09:02	04/03/23 10:00	EPA 7470A	1,7470A	DMB
Nickel, Total	0.09479		mg/l	0.02000	0.00556	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Potassium, Total	38.9		mg/l	1.00	0.309	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.0500	0.0173	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00400	0.00163	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Sodium, Total	2780		mg/l	1.00	0.293	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.02000	0.00143	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.08532		mg/l	0.05000	0.01570	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP
Zinc, Total	0.5152		mg/l	0.1000	0.03410	10	04/02/23 08:09	04/05/23 19:45	EPA 3005A	1,6020B	WKP

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02 Date Collected: 03/30/23 13:30

Client ID: GW-4 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	289.		mg/l	0.200	0.0654	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.08000	0.00858	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.03794		mg/l	0.01000	0.00330	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Barium, Total	10.69		mg/l	0.01000	0.00346	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Beryllium, Total	0.01283		mg/l	0.01000	0.00214	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Cadmium, Total	0.00735		mg/l	0.00400	0.00119	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Calcium, Total	2710		mg/l	2.00	0.788	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Chromium, Total	1.295		mg/l	0.02000	0.00356	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.8204		mg/l	0.01000	0.00326	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Copper, Total	1.818		mg/l	0.02000	0.00768	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Iron, Total	389.		mg/l	1.00	0.382	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Lead, Total	0.6328		mg/l	0.02000	0.00686	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Magnesium, Total	854.		mg/l	1.40	0.484	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Manganese, Total	25.42		mg/l	0.02000	0.00880	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Mercury, Total	0.00117		mg/l	0.00020	0.00009	1	04/02/23 09:02	04/03/23 10:03	EPA 7470A	1,7470A	DMB
Nickel, Total	0.8966		mg/l	0.04000	0.01112	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Potassium, Total	112.		mg/l	2.00	0.618	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Selenium, Total	0.0614	J	mg/l	0.100	0.0346	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Silver, Total	0.00724	J	mg/l	0.00800	0.00326	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Sodium, Total	1250		mg/l	2.00	0.586	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Thallium, Total	0.00723	J	mg/l	0.04000	0.00286	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.3305		mg/l	0.1000	0.03140	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP
Zinc, Total	1.378		mg/l	0.2000	0.06820	10	04/02/23 08:09	04/05/23 20:38	EPA 3005A	1,6020B	WKP

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03 Date Collected: 03/30/23 10:30

Client ID: GW-5 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	91.8		mg/l	0.100	0.0327	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.04000	0.00429	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00697		mg/l	0.00500	0.00165	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Barium, Total	2.409		mg/l	0.00500	0.00173	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Beryllium, Total	0.00319	J	mg/l	0.00500	0.00107	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Cadmium, Total	0.00356		mg/l	0.00200	0.00059	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Calcium, Total	421.		mg/l	1.00	0.394	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Chromium, Total	0.2518		mg/l	0.01000	0.00178	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.2485		mg/l	0.00500	0.00163	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Copper, Total	0.8200		mg/l	0.01000	0.00384	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Iron, Total	182.		mg/l	0.500	0.191	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Lead, Total	0.1665		mg/l	0.01000	0.00343	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Magnesium, Total	237.		mg/l	0.700	0.242	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Manganese, Total	26.10		mg/l	0.01000	0.00440	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Mercury, Total	0.00023		mg/l	0.00020	0.00009	1	04/02/23 09:02	04/03/23 10:07	EPA 7470A	1,7470A	DMB
Nickel, Total	0.4374		mg/l	0.02000	0.00556	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Potassium, Total	47.9		mg/l	1.00	0.309	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.0500	0.0173	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00400	0.00163	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Sodium, Total	298.		mg/l	1.00	0.293	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Thallium, Total	0.00397	J	mg/l	0.02000	0.00143	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.1642		mg/l	0.05000	0.01570	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP
Zinc, Total	0.5685		mg/l	0.1000	0.03410	10	04/02/23 08:09	04/05/23 20:43	EPA 3005A	1,6020B	WKP

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04 Date Collected: 03/30/23 11:00

Client ID: GW-6 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	104.		mg/l	0.100	0.0327	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.04000	0.00429	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.01194		mg/l	0.00500	0.00165	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Barium, Total	2.435		mg/l	0.00500	0.00173	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Beryllium, Total	0.00517		mg/l	0.00500	0.00107	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Cadmium, Total	0.00535		mg/l	0.00200	0.00059	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Calcium, Total	901.		mg/l	1.00	0.394	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Chromium, Total	0.2910		mg/l	0.01000	0.00178	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.3068		mg/l	0.00500	0.00163	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Copper, Total	0.7318		mg/l	0.01000	0.00384	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Iron, Total	215.		mg/l	0.500	0.191	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Lead, Total	0.2014		mg/l	0.01000	0.00343	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Magnesium, Total	368.		mg/l	0.700	0.242	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Manganese, Total	5.809		mg/l	0.01000	0.00440	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Mercury, Total	0.00021		mg/l	0.00020	0.00009	1	04/02/23 09:02	04/03/23 10:10	EPA 7470A	1,7470A	DMB
Nickel, Total	0.3388		mg/l	0.02000	0.00556	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Potassium, Total	58.2		mg/l	1.00	0.309	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.0500	0.0173	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00400	0.00163	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Sodium, Total	614.		mg/l	1.00	0.293	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Thallium, Total	0.00221	J	mg/l	0.02000	0.00143	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.1861		mg/l	0.05000	0.01570	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP
Zinc, Total	0.6281		mg/l	0.1000	0.03410	10	04/02/23 08:09	04/05/23 20:48	EPA 3005A	1,6020B	WKP

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05 Date Collected: 03/30/23 11:30

Client ID: GW-7 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	80.7		mg/l	0.100	0.0327	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.04000	0.00429	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.01024		mg/l	0.00500	0.00165	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Barium, Total	1.417		mg/l	0.00500	0.00173	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Beryllium, Total	0.00320	J	mg/l	0.00500	0.00107	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Cadmium, Total	0.00335		mg/l	0.00200	0.00059	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Calcium, Total	669.		mg/l	1.00	0.394	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Chromium, Total	0.6136		mg/l	0.01000	0.00178	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.2404		mg/l	0.00500	0.00163	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Copper, Total	0.6191		mg/l	0.01000	0.00384	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Iron, Total	208.		mg/l	0.500	0.191	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Lead, Total	0.1180		mg/l	0.01000	0.00343	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Magnesium, Total	281.		mg/l	0.700	0.242	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Manganese, Total	9.712		mg/l	0.01000	0.00440	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Mercury, Total	0.00016	J	mg/l	0.00020	0.00009	1	04/02/23 09:02	04/03/23 10:13	EPA 7470A	1,7470A	DMB
Nickel, Total	0.4006		mg/l	0.02000	0.00556	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Potassium, Total	43.0		mg/l	1.00	0.309	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.0500	0.0173	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00400	0.00163	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Sodium, Total	710.		mg/l	1.00	0.293	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Thallium, Total	0.00165	J	mg/l	0.02000	0.00143	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.1598		mg/l	0.05000	0.01570	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP
Zinc, Total	0.5281		mg/l	0.1000	0.03410	10	04/02/23 08:09	04/05/23 20:53	EPA 3005A	1,6020B	WKP

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06 Date Collected: 03/30/23 11:40

Client ID: SB-37 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8070		mg/kg	8.30	2.24	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.15	0.315	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.18		mg/kg	0.830	0.172	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Barium, Total	71.0		mg/kg	0.830	0.144	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.244	J	mg/kg	0.415	0.027	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.129	J	mg/kg	0.830	0.081	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Calcium, Total	21000		mg/kg	8.30	2.90	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Chromium, Total	15.8		mg/kg	0.830	0.080	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.34		mg/kg	1.66	0.138	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Copper, Total	20.1		mg/kg	0.830	0.214	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Iron, Total	14400		mg/kg	4.15	0.749	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Lead, Total	40.3		mg/kg	4.15	0.222	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Magnesium, Total	7250		mg/kg	8.30	1.28	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Manganese, Total	254		mg/kg	0.830	0.132	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Mercury, Total	0.089		mg/kg	0.075	0.049	1	04/05/23 18:12	04/05/23 22:19	EPA 7471B	1,7471B	TAA
Nickel, Total	10.9		mg/kg	2.07	0.201	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Potassium, Total	1820		mg/kg	207	11.9	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.66	0.214	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.415	0.235	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Sodium, Total	185		mg/kg	166	2.61	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.66	0.261	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.9		mg/kg	0.830	0.168	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL
Zinc, Total	45.1		mg/kg	4.15	0.243	2	04/05/23 17:34	04/06/23 13:13	EPA 3050B	1,6010D	DHL

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07 Date Collected: 03/30/23 11:15

Client ID: SB-38 Date Received: 03/31/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7270		mg/kg	8.40	2.27	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.20	0.319	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.16		mg/kg	0.840	0.175	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Barium, Total	85.3		mg/kg	0.840	0.146	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.220	J	mg/kg	0.420	0.028	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.176	J	mg/kg	0.840	0.082	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Calcium, Total	13700		mg/kg	8.40	2.94	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Chromium, Total	17.0		mg/kg	0.840	0.081	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.74		mg/kg	1.68	0.139	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Copper, Total	26.8		mg/kg	0.840	0.217	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Iron, Total	14700		mg/kg	4.20	0.759	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Lead, Total	60.7		mg/kg	4.20	0.225	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Magnesium, Total	5410		mg/kg	8.40	1.29	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Manganese, Total	206		mg/kg	0.840	0.134	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Mercury, Total	0.092		mg/kg	0.071	0.046	1	04/05/23 18:12	04/05/23 22:22	EPA 7471B	1,7471B	TAA
Nickel, Total	11.7		mg/kg	2.10	0.203	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Potassium, Total	1770		mg/kg	210	12.1	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Selenium, Total	0.223	J	mg/kg	1.68	0.217	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.420	0.238	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Sodium, Total	201		mg/kg	168	2.65	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.68	0.265	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Vanadium, Total	25.0		mg/kg	0.840	0.170	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL
Zinc, Total	66.9		mg/kg	4.20	0.246	2	04/05/23 17:34	04/06/23 13:16	EPA 3050B	1,6010D	DHL

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1761715-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Thallium, Total	0.00026	J	mg/l	0.00200	0.00014	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	04/02/23 08:09	04/03/23 20:36	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1761718-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/02/23 09:02	04/03/23 09:16	1,7470A	DMB

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1762100-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Chromium, Total	0.119	J	mg/kg	0.400	0.038	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Iron, Total	0.519	J	mg/kg	2.00	0.361	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	04/05/23 17:34	04/06/23 07:31	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Project Name: 100 MAIN ST. **Lab Number:** L2316865

Project Number: 12461 **Report Date:** 04/20/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1762103-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/05/23 18:12	04/05/23 21:42	1,7471B	TAA

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1761715-2								
Aluminum, Total	100		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	88		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Cobalt, Total	97		-		80-120	-		
Copper, Total	99		-		80-120	-		
Iron, Total	98		-		80-120	-		
Lead, Total	98		-		80-120	-		
Magnesium, Total	91		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	91		-		80-120	-		
Thallium, Total	107		-		80-120	-		
Vanadium, Total	95		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1761715-2					
Zinc, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1761718-2					
Mercury, Total	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1762100-2 SRM Lot Number: D116-540					
Aluminum, Total	89	-	45-155	-	
Antimony, Total	203	-	2-205	-	
Arsenic, Total	115	-	82-119	-	
Barium, Total	104	-	82-118	-	
Beryllium, Total	110	-	82-118	-	
Cadmium, Total	108	-	82-118	-	
Calcium, Total	104	-	81-119	-	
Chromium, Total	106	-	81-118	-	
Cobalt, Total	104	-	83-117	-	
Copper, Total	106	-	83-117	-	
Iron, Total	112	-	58-142	-	
Lead, Total	116	-	83-117	-	
Magnesium, Total	97	-	75-125	-	
Manganese, Total	105	-	82-118	-	
Nickel, Total	106	-	82-118	-	
Potassium, Total	96	-	68-131	-	
Selenium, Total	114	-	78-122	-	
Silver, Total	111	-	79-121	-	
Sodium, Total	102	-	71-130	-	
Thallium, Total	113	-	80-120	-	
Vanadium, Total	109	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1762100-2 SRM Lot Number: D116-540					
Zinc, Total	107	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1762103-2 SRM Lot Number: D116-540					
Mercury, Total	99	-	58-142	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1761715-3 QC Sample: L2316596-01 Client ID: MS Sample												
Aluminum, Total	0.013	2	2.02	100		-	-		75-125	-		20
Antimony, Total	0.0006J	0.5	0.5736	115		-	-		75-125	-		20
Arsenic, Total	0.00047J	0.12	0.1225	102		-	-		75-125	-		20
Barium, Total	0.2522	2	2.340	104		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05219	104		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05344	101		-	-		75-125	-		20
Calcium, Total	196	10	222	**260**	Q	-	-		75-125	-		20
Chromium, Total	0.0005J	0.2	0.1896	95		-	-		75-125	-		20
Cobalt, Total	0.0021	0.5	0.4748	94		-	-		75-125	-		20
Copper, Total	0.0012	0.25	0.2399	95		-	-		75-125	-		20
Iron, Total	0.237	1	1.20	96		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5254	99		-	-		75-125	-		20
Magnesium, Total	19.9	10	29.0	91		-	-		75-125	-		20
Manganese, Total	4.420	0.5	4.748	**66**	Q	-	-		75-125	-		20
Nickel, Total	0.0046	0.5	0.4654	92		-	-		75-125	-		20
Potassium, Total	20.0	10	31.3	113		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.115	96		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05048	101		-	-		75-125	-		20
Sodium, Total	83.9	10	86.5	**26**	Q	-	-		75-125	-		20
Thallium, Total	0.0003J	0.12	0.1261	105		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.4769	95		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1761715-3 QC Sample: L2316596-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4653	93	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1761718-3 QC Sample: L2316684-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00484	97	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1762100-3 WG1762100-4 QC Sample: L2317033-03 Client ID: MS Sample												
Aluminum, Total	12200	167	11200	**0**	Q	11800	**0**	Q	75-125	5		20
Antimony, Total	ND	41.9	41.6	99		42.4	102		75-125	2		20
Arsenic, Total	2.05	10	12.5	104		13.1	110		75-125	5		20
Barium, Total	126	167	273	88		278	91		75-125	2		20
Beryllium, Total	0.242J	4.19	4.23	101		4.31	103		75-125	2		20
Cadmium, Total	ND	4.44	4.05	91		4.12	93		75-125	2		20
Calcium, Total	5350	837	2010	**0**	Q	2980	**0**	Q	75-125	**39**	Q	20
Chromium, Total	24.8	16.7	37.7	77		38.8	84		75-125	3		20
Cobalt, Total	6.57	41.9	43.4	88		44.3	90		75-125	2		20
Copper, Total	19.3	20.9	38.7	93		39.2	95		75-125	1		20
Iron, Total	22000	83.7	20000	**0**	Q	21100	**0**	Q	75-125	5		20
Lead, Total	9.64	44.4	53.0	98		54.7	102		75-125	3		20
Magnesium, Total	7940	837	6190	**0**	Q	6450	**0**	Q	75-125	4		20
Manganese, Total	160	41.9	180	**48**	Q	190	**72**	Q	75-125	5		20
Nickel, Total	14.7	41.9	49.0	82		50.6	86		75-125	3		20
Potassium, Total	7440	837	7830	**46**	Q	7940	**60**	Q	75-125	1		20
Selenium, Total	0.520J	10	11.1	110		11.6	116		75-125	4		20
Silver, Total	ND	4.19	3.82	91		3.94	94		75-125	3		20
Sodium, Total	184	837	958	92		986	96		75-125	3		20
Thallium, Total	ND	10	8.09	80		8.26	82		75-125	2		20
Vanadium, Total	38.4	41.9	73.9	85		76.3	91		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1762100-3 WG1762100-4 QC Sample: L2317033-03 Client ID: MS Sample									
Zinc, Total	53.4	41.9	85.6	77	88.9	85	75-125	4	20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1762103-3 WG1762103-4 QC Sample: L2317033-03 Client ID: MS Sample									
Mercury, Total	ND	1.39	1.37	98	1.51	96	80-120	10	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1761715-4 QC Sample: L2316596-01 Client ID: DUP Sample						
Arsenic, Total	0.00047J	0.00051	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1761718-4 QC Sample: L2316684-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2316865
Report Date: 04/20/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1762100-6 QC Sample: L2317033-03 Client ID: DUP Sample						
Aluminum, Total	12200	11700	mg/kg	4		20
Barium, Total	126	122	mg/kg	3		20
Calcium, Total	5350	5280	mg/kg	1		20
Chromium, Total	24.8	22.6	mg/kg	9		20
Iron, Total	22000	22400	mg/kg	2		20
Magnesium, Total	7940	7100	mg/kg	11		20
Manganese, Total	160	156	mg/kg	3		20
Potassium, Total	7440	7020	mg/kg	6		20
Vanadium, Total	38.4	34.6	mg/kg	10		20

INORGANICS
&
MISCELLANEOUS

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-01
Client ID: GW-3
Sample Location: WHITE PLAINS, NY

Sample Depth:
Matrix: Water

Date Collected: 03/30/23 13:00
Date Received: 03/31/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.009		mg/l	0.005	0.001	1	04/06/23 11:40	04/06/23 15:54	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-02
Client ID: GW-4
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 13:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	04/06/23 11:40	04/06/23 15:55	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-03
Client ID: GW-5
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 10:30
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	04/07/23 05:10	04/07/23 12:00	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-04
Client ID: GW-6
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:00
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.005		mg/l	0.005	0.001	1	04/07/23 05:10	04/07/23 12:05	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-05
Client ID: GW-7
Sample Location: WHITE PLAINS, NY

Sample Depth:
Matrix: Water

Date Collected: 03/30/23 11:30
Date Received: 03/31/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.003	J	mg/l	0.005	0.001	1	04/06/23 11:40	04/06/23 15:56	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-06
Client ID: SB-37
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:40
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	04/01/23 13:19	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/07/23 05:10	04/07/23 12:33	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

SAMPLE RESULTS

Lab ID: L2316865-07
Client ID: SB-38
Sample Location: WHITE PLAINS, NY

Date Collected: 03/30/23 11:15
Date Received: 03/31/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	04/01/23 13:19	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	04/07/23 05:10	04/07/23 12:34	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 03-04 Batch: WG1763265-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	04/07/23 05:10	04/07/23 11:54	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-02,05 Batch: WG1763463-1										
Cyanide, Total	0.001	J	mg/l	0.005	0.001	1	04/06/23 11:40	04/06/23 15:50	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06-07 Batch: WG1763780-1										
Cyanide, Total	ND		mg/kg	0.88	0.19	1	04/07/23 05:10	04/07/23 12:13	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-04 Batch: WG1763265-2 WG1763265-3								
Cyanide, Total	106		112		85-115	6		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1763463-2 WG1763463-3								
Cyanide, Total	95		103		85-115	8		20
General Chemistry - Westborough Lab Associated sample(s): 06-07 Batch: WG1763780-2 WG1763780-3								
Cyanide, Total	90		90		80-120	0		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2316865
Report Date: 04/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-04 QC Batch ID: WG1763265-4 WG1763265-5 QC Sample: L2316865-03 Client ID: GW-5												
Cyanide, Total	0.002J	0.2	0.219	110		0.222	111		80-120	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-02,05 QC Batch ID: WG1763463-4 WG1763463-5 QC Sample: L2316865-05 Client ID: GW-7												
Cyanide, Total	0.003J	0.2	0.192	96		0.130	**65**	Q	80-120	**39**	Q	20
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG1763780-4 WG1763780-5 QC Sample: L2316864-06 Client ID: MS Sample												
Cyanide, Total	ND	11	11	100		12	110		75-125	10		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2316865

Report Date: 04/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG1761547-1 QC Sample: L2316889-02 Client ID: DUP Sample						
Solids, Total	70.2	72.6	%	3		20

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2316865-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2316865-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2316865-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2316865-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),AL-6020T(180),CO-6020T(180)
L2316865-01E	Plastic 250ml NaOH preserved	A	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2316865-01F	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8082-LVI(365)
L2316865-01G	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8082-LVI(365)
L2316865-01H	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2316865-01I	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2316865-01J	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2316865-01K	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2316865-01L	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2316865-01M	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2316865-01N	Plastic 500ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-01O	Plastic 500ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-01P	Plastic 500ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-02A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2316865-02B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2316865-02C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2316865-02D	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2316865-02E	Plastic 250ml NaOH preserved split	A	7	>12	3.1	N	Absent		TCN-9010(14)
L2316865-02F	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8082-LVI(365)
L2316865-02G	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8082-LVI(365)
L2316865-02H	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2316865-02I	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2316865-02J	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2316865-02K	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2316865-02L	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2316865-02M	Plastic 500ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-02N	Plastic 500ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-02O	Plastic 500ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-03A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2316865-03B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2316865-03C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2316865-03D	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2316865-03E	Plastic 250ml NaOH preserved	A	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2316865-03F	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8082-LVI(365)
L2316865-03G	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8082-LVI(365)
L2316865-03H	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2316865-03I	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2316865-03J	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2316865-03K	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2316865-03L	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2316865-03M	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2316865-03N	Plastic 500ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-03O	Plastic 500ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-03P	Plastic 500ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-04A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2316865-04B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2316865-04C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2316865-04D	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2316865-04E	Plastic 250ml NaOH preserved	B	>12	>12	3.0	Y	Absent		TCN-9010(14)
L2316865-04F	Amber 120ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8082-LVI(365)
L2316865-04G	Amber 120ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8082-LVI(365)
L2316865-04H	Amber 120ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8081(7)
L2316865-04I	Amber 120ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8081(7)
L2316865-04J	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2316865-04K	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2316865-04L	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2316865-04M	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2316865-04N	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-04O	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-04P	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633-DRAFT-21(28)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2316865-05A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2316865-05B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2316865-05C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260(14)
L2316865-05D	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2316865-05E	Plastic 250ml NaOH preserved	B	>12	>12	3.0	Y	Absent		TCN-9010(14)
L2316865-05F	Amber 120ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8082-LVI(365)
L2316865-05G	Amber 120ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8082-LVI(365)
L2316865-05H	Amber 120ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8081(7)
L2316865-05I	Amber 120ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8081(7)
L2316865-05J	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2316865-05K	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2316865-05L	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2316865-05M	Amber 250ml unpreserved	B	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2316865-05N	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-05O	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-05P	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633-DRAFT-21(28)
L2316865-06A	5 gram Encore Sampler	B	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2316865-06B	5 gram Encore Sampler	B	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2316865-06C	5 gram Encore Sampler	B	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2316865-06D	Plastic 2oz unpreserved for TS	B	NA		3.0	Y	Absent		TS(7)
L2316865-06E	Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2316865
Report Date: 04/20/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2316865-06F	Glass 250ml/8oz unpreserved	B	NA		3.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2316865-06X	Vial MeOH preserved split	B	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2316865-06Y	Vial Water preserved split	B	NA		3.0	Y	Absent	01-APR-23 09:17	NYTCL-8260HLW(14)
L2316865-06Z	Vial Water preserved split	B	NA		3.0	Y	Absent	01-APR-23 09:17	NYTCL-8260HLW(14)
L2316865-07A	5 gram Encore Sampler	B	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2316865-07B	5 gram Encore Sampler	B	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2316865-07C	5 gram Encore Sampler	B	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2316865-07D	Plastic 2oz unpreserved for TS	B	NA		3.0	Y	Absent		TS(7)
L2316865-07E	Glass 60mL/2oz unpreserved	B	NA		3.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2316865-07F	Glass 250ml/8oz unpreserved	B	NA		3.0	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2316865-07X	Vial MeOH preserved split	B	NA		3.0	Y	Absent		NYTCL-8260HLW(14)
L2316865-07Y	Vial Water preserved split	B	NA		3.0	Y	Absent	01-APR-23 09:17	NYTCL-8260HLW(14)
L2316865-07Z	Vial Water preserved split	B	NA		3.0	Y	Absent	01-APR-23 09:17	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	100 MAIN ST.	**Lab Number:**	L2316865
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST.	**Lab Number:**	L2316865
Project Number:	12461	**Report Date:**	04/20/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST.	**Lab Number:**	L2316865
Project Number:	12461	**Report Date:**	04/20/23

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST.	**Lab Number:**	L2316865
Project Number:	12461	**Report Date:**	04/20/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/31/23

ALPHA Job #: L2316865

Client Information

Client: SESI
Address: 959 US 46 E 3 S300
Parsippany NJ 07054
Phone: 973 808 9050
Fax:
Email: ssg@sesi.org | jcs@sesi.org

Project Information

Project Name: 100 Main St
Project Location: White Plains NY
Project #: 12461
(Use Project name as Project #) ☐
Project Manager: Steve Gustems | Jon Stuart
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days: 5

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☑ EQuIS (4 File) NY
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☑ AWQ Standards ☐ NY CP-51
☑ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # Renaissance Env Mgmt
Attn: Kevin McManus

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30 TAL	1-4 Dioxane	PFAS Method 1633	Total Bottle	Sample Specific Comments
L2316865-01	GW-3	3/30/23	1300	GW	CB	✓	✓	✓		
02	GW-4		1330	GW	CB	✓	✓	✓		
03	GW-5		1030	GW	CB	✓	✓	✓		
04	GW-6		1100	GW	CB	✓	✓	✓		
05	GW-7		1130	GW	CB	✓	✓	✓		
06	SB-37		1140	Soil	CB	✓	✓			
07	SB-38		1115	Soil	CB	✓	✓			

Container Type: P/G P/G P
Preservative:

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	03/31/23	AAL	3/31/23 8:35
AAL	03/31/23 13:15	Paul Maggella	3/31/23 16:45
Paul Maggella 3/31/23		Chris Mena AAL	3/31/23 2100
Chris Mena AAL 3/31/23	2300		3/31/23 23:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

ANALYTICAL REPORT

Lab Number:	L2332665
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Jonathan Stuart
Phone:	(973) 808-9050
Project Name:	100 MAIN ST.
Project Number:	12461
Report Date:	06/19/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2332665-01	SB-44P (2-2.5)	SOIL	WHITE PLAINS, NY	06/09/23 07:35	06/09/23
L2332665-02	SB-45P (4-4.5)	SOIL	WHITE PLAINS, NY	06/09/23 07:50	06/09/23
L2332665-03	SB-46P (4.5-5)	SOIL	WHITE PLAINS, NY	06/09/23 11:30	06/09/23
L2332665-04	SB-47P (3-3.5)	SOIL	WHITE PLAINS, NY	06/09/23 12:40	06/09/23
L2332665-05	SB-48P (3.5-4)	SOIL	WHITE PLAINS, NY	06/09/23 12:55	06/09/23
L2332665-06	GW-16	WATER	WHITE PLAINS, NY	06/09/23 13:10	06/09/23
L2332665-07	GW-17	WATER	WHITE PLAINS, NY	06/09/23 12:10	06/09/23

Project Name:	100 MAIN ST.	**Lab Number:**	L2332665
Project Number:	12461	**Report Date:**	06/19/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	100 MAIN ST.	**Lab Number:**	L2332665
Project Number:	12461	**Report Date:**	06/19/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2332665-06: The collection date and time on the chain of custody was 09-JUN-23 13:10; however, the collection date/time on the container label was 09-JUN-23 13:50. At the client's request, the collection date/time is reported as 09-JUN-23 13:10.

Volatile Organics

L2332665-06 and -07: The pH was greater than two; however, the sample was analyzed within the method required holding time.

Semivolatile Organics

The WG1789783-2/-3 LCS/LCSD recoveries, associated with L2332665-01 through -05, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Pesticides

L2332665-05: The internal standard (IS) response for 1-bromo-2-nitrobenzene (1503%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (7%) and decachlorobiphenyl (6%) due to interference with the Internal Standard.

Total Metals

L2332665-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Project Name:	100 MAIN ST.	**Lab Number:**	L2332665
Project Number:	12461	**Report Date:**	06/19/23

Case Narrative (continued)

The WG1789741-1 Method Blank, associated with L2332665-01 through -05, has concentrations above the reporting limits for calcium and iron. Since the associated sample concentrations are either greater than 10x the blank concentrations or non-detect to the RL for these target analytes, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Cyanide, Total

The WG1791402-2 LCS recovery for cyanide, total (76%), associated with L2332665-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1791403-2 LCS recovery for cyanide, total (76%), associated with L2332665-02 through -04, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 06/19/23

ORGANICS

VOLATILES

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01
Client ID: SB-44P (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 07:35
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/13/23 16:04
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01 Date Collected: 06/09/23 07:35

Client ID: SB-44P (2-2.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01 Date Collected: 06/09/23 07:35

Client ID: SB-44P (2-2.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	18.0	J	ug/kg			1
Unknown	3.51	J	ug/kg			1
Unknown	2.12	J	ug/kg			1
Unknown	2.85	J	ug/kg			1
Unknown Naphthalene	3.21	J	ug/kg			1
Unknown	6.32	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02
Client ID: SB-45P (4-4.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 07:50
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/13/23 16:30
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02 Date Collected: 06/09/23 07:50

Client ID: SB-45P (4-4.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	2.5	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02 Date Collected: 06/09/23 07:50

Client ID: SB-45P (4-4.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2.12	J	ug/kg			1
Unknown	2.12	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03
Client ID: SB-46P (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 11:30
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/13/23 16:56
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03 Date Collected: 06/09/23 11:30

Client ID: SB-46P (4.5-5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	35		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	4.6	J	ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03 Date Collected: 06/09/23 11:30

Client ID: SB-46P (4.5-5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2.19	J	ug/kg			1
Unknown	2.19	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04
Client ID: SB-47P (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:40
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/13/23 17:22
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04 Date Collected: 06/09/23 12:40

Client ID: SB-47P (3-3.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	36		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	6.9	J	ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04 Date Collected: 06/09/23 12:40

Client ID: SB-47P (3-3.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	1.98	J	ug/kg			1
Unknown	1.98	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05
Client ID: SB-48P (3.5-4)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:55
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/13/23 17:48
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.6	4.0	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.25	1
Chloroform	ND		ug/kg	2.6	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.40	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.22	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.46	1
Tetrachloroethene	ND		ug/kg	0.86	0.34	1
Chlorobenzene	ND		ug/kg	0.86	0.22	1
Trichlorofluoromethane	ND		ug/kg	6.9	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	0.86	0.29	1
Bromodichloromethane	ND		ug/kg	0.86	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.47	1
cis-1,3-Dichloropropene	ND		ug/kg	0.86	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	0.86	0.27	1
1,1-Dichloropropene	ND		ug/kg	0.86	0.27	1
Bromoform	ND		ug/kg	6.9	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.86	0.29	1
Benzene	ND		ug/kg	0.86	0.29	1
Toluene	ND		ug/kg	1.7	0.94	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.9	1.6	1
Bromomethane	ND		ug/kg	3.4	1.0	1
Vinyl chloride	ND		ug/kg	1.7	0.58	1
Chloroethane	ND		ug/kg	3.4	0.78	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.24	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05 Date Collected: 06/09/23 12:55

Client ID: SB-48P (3.5-4) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.86	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.35	1
p/m-Xylene	ND		ug/kg	3.4	0.97	1
o-Xylene	ND		ug/kg	1.7	0.50	1
Xylenes, Total	ND		ug/kg	1.7	0.50	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	3.4	0.41	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	17	1.6	1
Acetone	53		ug/kg	17	8.3	1
Carbon disulfide	ND		ug/kg	17	7.8	1
2-Butanone	7.0	J	ug/kg	17	3.8	1
Vinyl acetate	ND		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
1,2,3-Trichloropropane	ND		ug/kg	3.4	0.22	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.48	1
1,3-Dichloropropane	ND		ug/kg	3.4	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.86	0.23	1
Bromobenzene	ND		ug/kg	3.4	0.25	1
n-Butylbenzene	ND		ug/kg	1.7	0.29	1
sec-Butylbenzene	ND		ug/kg	1.7	0.25	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
o-Chlorotoluene	ND		ug/kg	3.4	0.33	1
p-Chlorotoluene	ND		ug/kg	3.4	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	1.7	1
Hexachlorobutadiene	ND		ug/kg	6.9	0.29	1
Isopropylbenzene	ND		ug/kg	1.7	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.19	1
Naphthalene	ND		ug/kg	6.9	1.1	1
Acrylonitrile	ND		ug/kg	6.9	2.0	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05 Date Collected: 06/09/23 12:55

Client ID: SB-48P (3.5-4) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.7	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.56	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.47	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	0.33	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.58	1
1,4-Dioxane	ND		ug/kg	140	61.	1
p-Diethylbenzene	ND		ug/kg	3.4	0.30	1
p-Ethyltoluene	ND		ug/kg	3.4	0.66	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.4	0.33	1
Ethyl ether	ND		ug/kg	3.4	0.59	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.6	2.4	1
Tentatively Identified Compounds						
Total TIC Compounds	4.08	J	ug/kg			1
Unknown	4.08	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06
Client ID: GW-16
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 13:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/13/23 11:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06 Date Collected: 06/09/23 13:10

Client ID: GW-16 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.2	J	ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06 Date Collected: 06/09/23 13:10

Client ID: GW-16 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07
Client ID: GW-17
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/13/23 11:46
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07 Date Collected: 06/09/23 12:10

Client ID: GW-17 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07 Date Collected: 06/09/23 12:10

Client ID: GW-17 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/23 08:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1791001-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/23 08:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1791001-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/23 08:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1791001-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/23 08:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1791001-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/23 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1791311-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/23 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1791311-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/23 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1791311-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	4.07	J	ug/kg
Unknown	4.07	J	ug/kg

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/13/23 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1791311-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1791001-3 WG1791001-4								
Methylene chloride	97		95		70-130	2		20
1,1-Dichloroethane	99		96		70-130	3		20
Chloroform	100		99		70-130	1		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	94		91		70-130	3		20
Dibromochloromethane	88		85		63-130	3		20
1,1,2-Trichloroethane	88		85		70-130	3		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	99		98		75-130	1		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	91		87		70-130	4		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	90		89		67-130	1		20
trans-1,3-Dichloropropene	86		83		70-130	4		20
cis-1,3-Dichloropropene	92		89		70-130	3		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	80		79		54-136	1		20
1,1,2,2-Tetrachloroethane	79		77		67-130	3		20
Benzene	97		95		70-130	2		20
Toluene	99		98		70-130	1		20
Ethylbenzene	100		99		70-130	1		20
Chloromethane	81		78		64-130	4		20
Bromomethane	91		90		39-139	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1791001-3 WG1791001-4								
Vinyl chloride	98		95		55-140	3		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		96		70-130	4		20
1,2-Dichlorobenzene	94		92		70-130	2		20
1,3-Dichlorobenzene	98		97		70-130	1		20
1,4-Dichlorobenzene	97		94		70-130	3		20
Methyl tert butyl ether	83		81		63-130	2		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Dibromomethane	90		88		70-130	2		20
1,2,3-Trichloropropane	77		76		64-130	1		20
Acrylonitrile	74		71		70-130	4		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	99		97		36-147	2		20
Acetone	**57**	Q	**54**	Q	58-148	5		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	67		**59**	Q	63-138	13		20
Vinyl acetate	93		91		70-130	2		20
4-Methyl-2-pentanone	63		63		59-130	0		20
2-Hexanone	66		62		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1791001-3 WG1791001-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	86		85		70-130	1		20
1,3-Dichloropropane	87		86		70-130	1		20
1,1,1,2-Tetrachloroethane	95		93		64-130	2		20
Bromobenzene	97		95		70-130	2		20
n-Butylbenzene	97		96		53-136	1		20
sec-Butylbenzene	100		99		70-130	1		20
tert-Butylbenzene	100		99		70-130	1		20
o-Chlorotoluene	97		96		70-130	1		20
p-Chlorotoluene	96		95		70-130	1		20
1,2-Dibromo-3-chloropropane	71		69		41-144	3		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	100		98		70-130	2		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	73		71		70-130	3		20
n-Propylbenzene	100		98		69-130	2		20
1,2,3-Trichlorobenzene	83		82		70-130	1		20
1,2,4-Trichlorobenzene	87		86		70-130	1		20
1,3,5-Trimethylbenzene	98		97		64-130	1		20
1,2,4-Trimethylbenzene	96		95		70-130	1		20
1,4-Dioxane	74		74		56-162	0		20
p-Diethylbenzene	95		95		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1791001-3 WG1791001-4								
p-Ethyltoluene	100		99		70-130	1		20
1,2,4,5-Tetramethylbenzene	92		90		70-130	2		20
Ethyl ether	90		87		59-134	3		20
trans-1,4-Dichloro-2-butene	**49**	Q	**48**	Q	70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		94		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	102		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1791311-3 WG1791311-4								
Methylene chloride	74		74		70-130	0		30
1,1-Dichloroethane	82		82		70-130	0		30
Chloroform	80		80		70-130	0		30
Carbon tetrachloride	72		73		70-130	1		30
1,2-Dichloropropane	82		82		70-130	0		30
Dibromochloromethane	77		76		70-130	1		30
1,1,2-Trichloroethane	87		85		70-130	2		30
Tetrachloroethene	80		80		70-130	0		30
Chlorobenzene	84		83		70-130	1		30
Trichlorofluoromethane	77		78		70-139	1		30
1,2-Dichloroethane	80		80		70-130	0		30
1,1,1-Trichloroethane	74		75		70-130	1		30
Bromodichloromethane	82		82		70-130	0		30
trans-1,3-Dichloropropene	84		84		70-130	0		30
cis-1,3-Dichloropropene	84		83		70-130	1		30
1,1-Dichloropropene	76		76		70-130	0		30
Bromoform	84		84		70-130	0		30
1,1,2,2-Tetrachloroethane	84		82		70-130	2		30
Benzene	83		82		70-130	1		30
Toluene	80		80		70-130	0		30
Ethylbenzene	83		82		70-130	1		30
Chloromethane	78		76		52-130	3		30
Bromomethane	91		89		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1791311-3 WG1791311-4								
Vinyl chloride	68		67		67-130	1		30
Chloroethane	81		79		50-151	3		30
1,1-Dichloroethene	73		72		65-135	1		30
trans-1,2-Dichloroethene	82		81		70-130	1		30
Trichloroethene	78		77		70-130	1		30
1,2-Dichlorobenzene	83		83		70-130	0		30
1,3-Dichlorobenzene	83		83		70-130	0		30
1,4-Dichlorobenzene	84		83		70-130	1		30
Methyl tert butyl ether	82		81		66-130	1		30
p/m-Xylene	86		84		70-130	2		30
o-Xylene	85		85		70-130	0		30
cis-1,2-Dichloroethene	81		80		70-130	1		30
Dibromomethane	82		81		70-130	1		30
Styrene	84		83		70-130	1		30
Dichlorodifluoromethane	64		65		30-146	2		30
Acetone	74		74		54-140	0		30
Carbon disulfide	71		70		59-130	1		30
2-Butanone	80		77		70-130	4		30
Vinyl acetate	85		83		70-130	2		30
4-Methyl-2-pentanone	80		78		70-130	3		30
1,2,3-Trichloropropane	82		81		68-130	1		30
2-Hexanone	80		78		70-130	3		30
Bromochloromethane	85		85		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1791311-3 WG1791311-4								
2,2-Dichloropropane	80		79		70-130	1		30
1,2-Dibromoethane	79		77		70-130	3		30
1,3-Dichloropropane	85		83		69-130	2		30
1,1,1,2-Tetrachloroethane	84		84		70-130	0		30
Bromobenzene	82		81		70-130	1		30
n-Butylbenzene	85		85		70-130	0		30
sec-Butylbenzene	84		84		70-130	0		30
tert-Butylbenzene	82		82		70-130	0		30
o-Chlorotoluene	92		92		70-130	0		30
p-Chlorotoluene	81		81		70-130	0		30
1,2-Dibromo-3-chloropropane	79		78		68-130	1		30
Hexachlorobutadiene	83		83		67-130	0		30
Isopropylbenzene	82		83		70-130	1		30
p-Isopropyltoluene	83		84		70-130	1		30
Naphthalene	78		77		70-130	1		30
Acrylonitrile	84		82		70-130	2		30
n-Propylbenzene	84		84		70-130	0		30
1,2,3-Trichlorobenzene	82		81		70-130	1		30
1,2,4-Trichlorobenzene	86		85		70-130	1		30
1,3,5-Trimethylbenzene	82		82		70-130	0		30
1,2,4-Trimethylbenzene	81		81		70-130	0		30
1,4-Dioxane	89		83		65-136	7		30
p-Diethylbenzene	83		84		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1791311-3 WG1791311-4								
p-Ethyltoluene	83		83		70-130	0		30
1,2,4,5-Tetramethylbenzene	80		80		70-130	0		30
Ethyl ether	84		83		67-130	1		30
trans-1,4-Dichloro-2-butene	86		83		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	96		96		70-130

SEMIVOLATILES

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01
Client ID: SB-44P (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 07:35
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/13/23 21:06
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	84	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01 Date Collected: 06/09/23 07:35

Client ID: SB-44P (2-2.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	52	J	ug/kg	110	20.	1
Benzo(a)pyrene	60	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	75	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	47	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	44	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	51	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	36	J	ug/kg	140	25.	1
Pyrene	72	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01 Date Collected: 06/09/23 07:35

Client ID: SB-44P (2-2.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	196	J	ug/kg			1
Unknown	196	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	71		18-120

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02
Client ID: SB-45P (4-4.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 07:50
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/13/23 21:23
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02 Date Collected: 06/09/23 07:50

Client ID: SB-45P (4-4.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02 Date Collected: 06/09/23 07:50

Client ID: SB-45P (4-4.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	169	J	ug/kg			1
Unknown	169	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	61		18-120

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03
Client ID: SB-46P (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 11:30
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/13/23 21:40
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	500		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	63	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03 Date Collected: 06/09/23 11:30

Client ID: SB-46P (4.5-5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	220		ug/kg	110	20.	1
Benzo(a)pyrene	260		ug/kg	140	44.	1
Benzo(b)fluoranthene	290		ug/kg	110	30.	1
Benzo(k)fluoranthene	88	J	ug/kg	110	29.	1
Chrysene	210		ug/kg	110	19.	1
Acenaphthylene	35	J	ug/kg	140	28.	1
Anthracene	81	J	ug/kg	110	35.	1
Benzo(ghi)perylene	160		ug/kg	140	21.	1
Fluorene	17	J	ug/kg	180	17.	1
Phenanthrene	180		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	35	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	140	25.	1
Pyrene	460		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	26	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03 Date Collected: 06/09/23 11:30

Client ID: SB-46P (4.5-5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	22	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	1000	J	ug/kg			1
Unknown	158	J	ug/kg			1
Unknown	158	J	ug/kg			1
Unknown Alkane	162	J	ug/kg			1
Unknown Alkane	174	J	ug/kg			1
Unknown PAH	156	J	ug/kg			1
Unknown Alkane	196	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	71		18-120

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04
Client ID: SB-47P (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:40
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/13/23 21:57
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	120		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04 Date Collected: 06/09/23 12:40

Client ID: SB-47P (3-3.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	75	J	ug/kg	110	21.	1
Benzo(a)pyrene	82	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	97	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	69	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	50	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	69	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	45	J	ug/kg	150	26.	1
Pyrene	120		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04 Date Collected: 06/09/23 12:40

Client ID: SB-47P (3-3.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
Total TIC Compounds	978	J	ug/kg			1
Unknown	778	J	ug/kg			1
Unknown	200	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	51		18-120

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05
Client ID: SB-48P (3.5-4)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:55
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/13/23 22:14
Analyst: IM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	570		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	2400		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	920		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05 Date Collected: 06/09/23 12:55

Client ID: SB-48P (3.5-4) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1000		ug/kg	120	22.	1
Benzo(a)pyrene	1100		ug/kg	150	47.	1
Benzo(b)fluoranthene	1100		ug/kg	120	32.	1
Benzo(k)fluoranthene	410		ug/kg	120	31.	1
Chrysene	1000		ug/kg	120	20.	1
Acenaphthylene	160		ug/kg	150	30.	1
Anthracene	610		ug/kg	120	38.	1
Benzo(ghi)perylene	590		ug/kg	150	23.	1
Fluorene	450		ug/kg	190	19.	1
Phenanthrene	2600		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	140		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	520		ug/kg	150	27.	1
Pyrene	2200		ug/kg	120	19.	1
Biphenyl	78	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	250		ug/kg	190	18.	1
2-Methylnaphthalene	390		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	31	J	ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	48	J	ug/kg	280	30.	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05 Date Collected: 06/09/23 12:55

Client ID: SB-48P (3.5-4) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	250		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	3780	J	ug/kg			1
Unknown Naphthalene	168	J	ug/kg			1
Unknown	286	J	ug/kg			1
Unknown PAH	361	J	ug/kg			1
Unknown Thiophene	166	J	ug/kg			1
Unknown Thiophene	231	J	ug/kg			1
Unknown	197	J	ug/kg			1
Unknown Thiophene	198	J	ug/kg			1
Unknown	210	J	ug/kg			1
Unknown	673	J	ug/kg			1
Unknown PAH	238	J	ug/kg			1
Unknown PAH	346	J	ug/kg			1
Unknown Ketone	304	J	ug/kg			1
Unknown PAH	402	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	53		18-120

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06
Client ID: GW-16
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 13:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/15/23 23:32
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 04:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06 Date Collected: 06/09/23 13:10

Client ID: GW-16 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	8.1	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06 Date Collected: 06/09/23 13:10

Client ID: GW-16 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	94.9	J	ug/l			1
Unknown	1.89	J	ug/l			1
Unknown	1.89	J	ug/l			1
Unknown	1.60	J	ug/l			1
Unknown	15.2	J	ug/l			1
Unknown Organic Acid	2.22	J	ug/l			1
Unknown	3.42	J	ug/l			1
Unknown	4.58	J	ug/l			1
Unknown Organic Acid	5.71	J	ug/l			1
Unknown	1.74	J	ug/l			1
Unknown Organic Acid	33.6	J	ug/l			1
Unknown	1.56	J	ug/l			1
Unknown Organic Acid	8.62	J	ug/l			1
Unknown	6.33	J	ug/l			1
Unknown Organic Acid	6.54	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	65		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06
Client ID: GW-16
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 13:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/16/23 13:26
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 04:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06 Date Collected: 06/09/23 13:10

Client ID: GW-16 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	**128**	Q	10-120
4-Terphenyl-d14	88		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07
Client ID: GW-17
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/15/23 23:56
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 04:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07 Date Collected: 06/09/23 12:10

Client ID: GW-17 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	1.3	J	ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	11.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07 Date Collected: 06/09/23 12:10

Client ID: GW-17 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	107	J	ug/l			1
Unknown	2.29	J	ug/l			1
Unknown Organic Acid	5.16	J	ug/l			1
Unknown Organic Acid	34.7	J	ug/l			1
Unknown	3.89	J	ug/l			1
Unknown Organic Acid	5.89	J	ug/l			1
Unknown Organic Acid	5.64	J	ug/l			1
Unknown	1.78	J	ug/l			1
Unknown	5.20	J	ug/l			1
Unknown Organic Acid	22.2	J	ug/l			1
Unknown	1.93	J	ug/l			1
Unknown	3.49	J	ug/l			1
Unknown Organic Acid	2.44	J	ug/l			1
Unknown Organic Acid	2.87	J	ug/l			1
Unknown Amide	5.49	J	ug/l			1
Unknown Benzene	3.67	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	62		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07
Client ID: GW-17
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/16/23 13:42
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 04:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.11		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.08	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.3		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.08	J	ug/l	0.10	0.01	1
Phenanthrene	0.15		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.08	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.66		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07 Date Collected: 06/09/23 12:10

Client ID: GW-17 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	**121**	Q	10-120
4-Terphenyl-d14	83		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/13/23 13:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1789783-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/13/23 13:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1789783-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/13/23 13:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1789783-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
Total TIC Compounds	140	J	ug/kg		
Unknown	140	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	59		18-120

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/23 22:21
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 04:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1791499-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/23 22:21
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 04:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1791499-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/23 22:21
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 04:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1791499-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds			
Total TIC Compounds	22.5	J	ug/l
Unknown Organic Acid	4.04	J	ug/l
Unknown	4.40	J	ug/l
Unknown	3.49	J	ug/l
Unknown Organic Acid	3.45	J	ug/l
Unknown	1.49	J	ug/l
Unknown	1.74	J	ug/l
Unknown Organic Acid	1.67	J	ug/l
Unknown	2.22	J	ug/l

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/15/23 22:21
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 04:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1791499-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	70		41-149

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/16/23 09:50
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 04:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06-07 Batch: WG1791500-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/16/23 09:50
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 04:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06-07 Batch: WG1791500-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	118		10-120
4-Terphenyl-d14	98		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1789783-2 WG1789783-3								
Acenaphthene	63		62		31-137	2		50
1,2,4-Trichlorobenzene	75		69		38-107	8		50
Hexachlorobenzene	64		62		40-140	3		50
Bis(2-chloroethyl)ether	74		69		40-140	7		50
2-Chloronaphthalene	72		68		40-140	6		50
1,2-Dichlorobenzene	71		67		40-140	6		50
1,3-Dichlorobenzene	71		68		40-140	4		50
1,4-Dichlorobenzene	71		65		28-104	9		50
3,3'-Dichlorobenzidine	60		62		40-140	3		50
2,4-Dinitrotoluene	73		71		40-132	3		50
2,6-Dinitrotoluene	82		78		40-140	5		50
Fluoranthene	67		63		40-140	6		50
4-Chlorophenyl phenyl ether	66		64		40-140	3		50
4-Bromophenyl phenyl ether	67		65		40-140	3		50
Bis(2-chloroisopropyl)ether	86		78		40-140	10		50
Bis(2-chloroethoxy)methane	78		73		40-117	7		50
Hexachlorobutadiene	72		68		40-140	6		50
Hexachlorocyclopentadiene	58		52		40-140	11		50
Hexachloroethane	75		68		40-140	10		50
Isophorone	83		77		40-140	8		50
Naphthalene	73		68		40-140	7		50
Nitrobenzene	79		72		40-140	9		50
NDPA/DPA	68		66		36-157	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1789783-2 WG1789783-3								
n-Nitrosodi-n-propylamine	83		77		32-121	8		50
Bis(2-ethylhexyl)phthalate	69		65		40-140	6		50
Butyl benzyl phthalate	81		75		40-140	8		50
Di-n-butylphthalate	78		72		40-140	8		50
Di-n-octylphthalate	70		66		40-140	6		50
Diethyl phthalate	72		70		40-140	3		50
Dimethyl phthalate	79		73		40-140	8		50
Benzo(a)anthracene	71		68		40-140	4		50
Benzo(a)pyrene	72		72		40-140	0		50
Benzo(b)fluoranthene	66		68		40-140	3		50
Benzo(k)fluoranthene	67		64		40-140	5		50
Chrysene	68		66		40-140	3		50
Acenaphthylene	80		76		40-140	5		50
Anthracene	69		66		40-140	4		50
Benzo(ghi)perylene	66		68		40-140	3		50
Fluorene	66		64		40-140	3		50
Phenanthrene	66		63		40-140	5		50
Dibenzo(a,h)anthracene	67		66		40-140	2		50
Indeno(1,2,3-cd)pyrene	69		68		40-140	1		50
Pyrene	67		64		35-142	5		50
Biphenyl	73		70		37-127	4		50
4-Chloroaniline	56		63		40-140	12		50
2-Nitroaniline	79		76		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1789783-2 WG1789783-3								
3-Nitroaniline	54		57		26-129	5		50
4-Nitroaniline	63		64		41-125	2		50
Dibenzofuran	67		65		40-140	3		50
2-Methylnaphthalene	76		70		40-140	8		50
1,2,4,5-Tetrachlorobenzene	72		66		40-117	9		50
Acetophenone	81		77		14-144	5		50
2,4,6-Trichlorophenol	77		70		30-130	10		50
p-Chloro-m-cresol	82		80		26-103	2		50
2-Chlorophenol	78		72		25-102	8		50
2,4-Dichlorophenol	79		72		30-130	9		50
2,4-Dimethylphenol	77		69		30-130	11		50
2-Nitrophenol	85		79		30-130	7		50
4-Nitrophenol	72		72		11-114	0		50
2,4-Dinitrophenol	25		22		4-130	13		50
4,6-Dinitro-o-cresol	63		63		10-130	0		50
Pentachlorophenol	36		35		17-109	3		50
Phenol	87		76		26-90	13		50
2-Methylphenol	77		70		30-130.	10		50
3-Methylphenol/4-Methylphenol	80		75		30-130	6		50
2,4,5-Trichlorophenol	78		73		30-130	7		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	80		78		40-140	3		50
Carbazole	71		69		54-128	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1789783-2 WG1789783-3								
1,4-Dioxane	61		57		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		79		25-120
Phenol-d6	80		77		10-120
Nitrobenzene-d5	79		75		23-120
2-Fluorobiphenyl	76		71		30-120
2,4,6-Tribromophenol	65		62		10-136
4-Terphenyl-d14	66		61		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1791499-2 WG1791499-3								
Acenaphthene	67		66		37-111	2		30
1,2,4-Trichlorobenzene	64		66		39-98	3		30
Hexachlorobenzene	60		54		40-140	11		30
Bis(2-chloroethyl)ether	66		68		40-140	3		30
2-Chloronaphthalene	61		60		40-140	2		30
1,2-Dichlorobenzene	65		69		40-140	6		30
1,3-Dichlorobenzene	68		69		40-140	1		30
1,4-Dichlorobenzene	66		70		36-97	6		30
3,3'-Dichlorobenzidine	54		51		40-140	6		30
2,4-Dinitrotoluene	80		73		48-143	9		30
2,6-Dinitrotoluene	70		60		40-140	15		30
Fluoranthene	67		60		40-140	11		30
4-Chlorophenyl phenyl ether	63		61		40-140	3		30
4-Bromophenyl phenyl ether	57		53		40-140	7		30
Bis(2-chloroisopropyl)ether	94		94		40-140	0		30
Bis(2-chloroethoxy)methane	68		68		40-140	0		30
Hexachlorobutadiene	46		46		40-140	0		30
Hexachlorocyclopentadiene	48		48		40-140	0		30
Hexachloroethane	69		70		40-140	1		30
Isophorone	58		58		40-140	0		30
Naphthalene	64		63		40-140	2		30
Nitrobenzene	65		66		40-140	2		30
NDPA/DPA	71		63		40-140	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1791499-2 WG1791499-3								
n-Nitrosodi-n-propylamine	59		60		29-132	2		30
Bis(2-ethylhexyl)phthalate	104		95		40-140	9		30
Butyl benzyl phthalate	94		77		40-140	20		30
Di-n-butylphthalate	85		76		40-140	11		30
Di-n-octylphthalate	97		92		40-140	5		30
Diethyl phthalate	79		72		40-140	9		30
Dimethyl phthalate	71		63		40-140	12		30
Benzo(a)anthracene	72		68		40-140	6		30
Benzo(a)pyrene	76		79		40-140	4		30
Benzo(b)fluoranthene	72		72		40-140	0		30
Benzo(k)fluoranthene	73		74		40-140	1		30
Chrysene	72		71		40-140	1		30
Acenaphthylene	68		64		45-123	6		30
Anthracene	71		68		40-140	4		30
Benzo(ghi)perylene	76		83		40-140	9		30
Fluorene	70		66		40-140	6		30
Phenanthrene	72		69		40-140	4		30
Dibenzo(a,h)anthracene	75		81		40-140	8		30
Indeno(1,2,3-cd)pyrene	74		80		40-140	8		30
Pyrene	68		60		26-127	13		30
Biphenyl	59		56		40-140	5		30
4-Chloroaniline	52		48		40-140	8		30
2-Nitroaniline	69		63		52-143	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1791499-2 WG1791499-3								
3-Nitroaniline	72		67		25-145	7		30
4-Nitroaniline	80		71		51-143	12		30
Dibenzofuran	70		67		40-140	4		30
2-Methylnaphthalene	69		66		40-140	4		30
1,2,4,5-Tetrachlorobenzene	47		44		2-134	7		30
Acetophenone	56		58		39-129	4		30
2,4,6-Trichlorophenol	59		54		30-130	9		30
p-Chloro-m-cresol	63		56		23-97	12		30
2-Chlorophenol	68		67		27-123	1		30
2,4-Dichlorophenol	68		66		30-130	3		30
2,4-Dimethylphenol	65		63		30-130	3		30
2-Nitrophenol	79		80		30-130	1		30
4-Nitrophenol	66		58		10-80	13		30
2,4-Dinitrophenol	48		57		20-130	17		30
4,6-Dinitro-o-cresol	74		69		20-164	7		30
Pentachlorophenol	60		60		9-103	0		30
Phenol	41		42		12-110	2		30
2-Methylphenol	60		61		30-130	2		30
3-Methylphenol/4-Methylphenol	58		58		30-130	0		30
2,4,5-Trichlorophenol	61		54		30-130	12		30
Benzoic Acid	50		58		10-164	15		30
Benzyl Alcohol	52		51		26-116	2		30
Carbazole	78		71		55-144	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1791499-2 WG1791499-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		54		21-120
Phenol-d6	41		42		10-120
Nitrobenzene-d5	66		67		23-120
2-Fluorobiphenyl	58		56		15-120
2,4,6-Tribromophenol	67		60		10-120
4-Terphenyl-d14	65		55		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06-07 Batch: WG1791500-2 WG1791500-3								
Acenaphthene	76		70		40-140	8		40
2-Chloronaphthalene	77		72		40-140	7		40
Fluoranthene	83		75		40-140	10		40
Hexachlorobutadiene	68		65		40-140	5		40
Naphthalene	72		68		40-140	6		40
Benzo(a)anthracene	89		80		40-140	11		40
Benzo(a)pyrene	88		82		40-140	7		40
Benzo(b)fluoranthene	80		74		40-140	8		40
Benzo(k)fluoranthene	81		76		40-140	6		40
Chrysene	78		72		40-140	8		40
Acenaphthylene	86		80		40-140	7		40
Anthracene	83		76		40-140	9		40
Benzo(ghi)perylene	92		84		40-140	9		40
Fluorene	80		74		40-140	8		40
Phenanthrene	74		68		40-140	8		40
Dibenzo(a,h)anthracene	89		81		40-140	9		40
Indeno(1,2,3-cd)pyrene	89		80		40-140	11		40
Pyrene	80		73		40-140	9		40
2-Methylnaphthalene	76		72		40-140	5		40
Pentachlorophenol	87		86		40-140	1		40
Hexachlorobenzene	71		65		40-140	9		40
Hexachloroethane	69		66		40-140	4		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06-07 Batch: WG1791500-2 WG1791500-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		59		21-120
Phenol-d6	52		50		10-120
Nitrobenzene-d5	86		83		23-120
2-Fluorobiphenyl	77		72		15-120
2,4,6-Tribromophenol	117		108		10-120
4-Terphenyl-d14	82		75		41-149

PCBS

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01
Client ID: SB-44P (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 07:35
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/11/23 18:53
Analyst: ER
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 06/11/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/11/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.8	4.42	1	A
Aroclor 1221	ND		ug/kg	49.8	4.99	1	A
Aroclor 1232	ND		ug/kg	49.8	10.6	1	A
Aroclor 1242	ND		ug/kg	49.8	6.71	1	A
Aroclor 1248	ND		ug/kg	49.8	7.46	1	A
Aroclor 1254	5.92	J	ug/kg	49.8	5.44	1	B
Aroclor 1260	ND		ug/kg	49.8	9.20	1	A
Aroclor 1262	ND		ug/kg	49.8	6.32	1	A
Aroclor 1268	ND		ug/kg	49.8	5.16	1	A
PCBs, Total	5.92	J	ug/kg	49.8	4.42	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02
Client ID: SB-45P (4-4.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 07:50
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/11/23 19:01
Analyst: ER
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 06/11/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/11/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.1	4.54	1	A
Aroclor 1221	ND		ug/kg	51.1	5.12	1	A
Aroclor 1232	ND		ug/kg	51.1	10.8	1	A
Aroclor 1242	ND		ug/kg	51.1	6.89	1	A
Aroclor 1248	ND		ug/kg	51.1	7.67	1	A
Aroclor 1254	ND		ug/kg	51.1	5.60	1	A
Aroclor 1260	ND		ug/kg	51.1	9.45	1	A
Aroclor 1262	ND		ug/kg	51.1	6.50	1	A
Aroclor 1268	ND		ug/kg	51.1	5.30	1	A
PCBs, Total	ND		ug/kg	51.1	4.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03
Client ID: SB-46P (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 11:30
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/11/23 19:09
Analyst: ER
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 06/11/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/11/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.3	4.55	1	A
Aroclor 1221	ND		ug/kg	51.3	5.14	1	A
Aroclor 1232	ND		ug/kg	51.3	10.9	1	A
Aroclor 1242	ND		ug/kg	51.3	6.91	1	A
Aroclor 1248	ND		ug/kg	51.3	7.69	1	A
Aroclor 1254	ND		ug/kg	51.3	5.61	1	A
Aroclor 1260	ND		ug/kg	51.3	9.48	1	A
Aroclor 1262	ND		ug/kg	51.3	6.51	1	A
Aroclor 1268	ND		ug/kg	51.3	5.31	1	A
PCBs, Total	ND		ug/kg	51.3	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04
Client ID: SB-47P (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:40
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/11/23 19:17
Analyst: ER
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 06/11/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/11/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.6	5.03	1	A
Aroclor 1221	ND		ug/kg	56.6	5.67	1	A
Aroclor 1232	ND		ug/kg	56.6	12.0	1	A
Aroclor 1242	ND		ug/kg	56.6	7.63	1	A
Aroclor 1248	ND		ug/kg	56.6	8.50	1	A
Aroclor 1254	ND		ug/kg	56.6	6.20	1	A
Aroclor 1260	ND		ug/kg	56.6	10.5	1	A
Aroclor 1262	ND		ug/kg	56.6	7.19	1	A
Aroclor 1268	ND		ug/kg	56.6	5.87	1	A
PCBs, Total	ND		ug/kg	56.6	5.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05
Client ID: SB-48P (3.5-4)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:55
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/11/23 19:25
Analyst: ER
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/11/23 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 06/11/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/11/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.4	4.92	1	A
Aroclor 1221	ND		ug/kg	55.4	5.55	1	A
Aroclor 1232	ND		ug/kg	55.4	11.7	1	A
Aroclor 1242	ND		ug/kg	55.4	7.46	1	A
Aroclor 1248	ND		ug/kg	55.4	8.30	1	A
Aroclor 1254	9.40	J	ug/kg	55.4	6.06	1	B
Aroclor 1260	ND		ug/kg	55.4	10.2	1	A
Aroclor 1262	ND		ug/kg	55.4	7.03	1	A
Aroclor 1268	ND		ug/kg	55.4	5.74	1	A
PCBs, Total	9.40	J	ug/kg	55.4	4.92	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06
Client ID: GW-16
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 13:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/16/23 16:12
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 06/16/23 00:29
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.089	0.076	1	A
Aroclor 1221	ND		ug/l	0.089	0.076	1	A
Aroclor 1232	ND		ug/l	0.089	0.076	1	A
Aroclor 1242	ND		ug/l	0.089	0.076	1	A
Aroclor 1248	ND		ug/l	0.089	0.076	1	A
Aroclor 1254	ND		ug/l	0.089	0.076	1	A
Aroclor 1260	ND		ug/l	0.089	0.076	1	A
Aroclor 1262	ND		ug/l	0.089	0.076	1	A
Aroclor 1268	ND		ug/l	0.089	0.076	1	A
PCBs, Total	ND		ug/l	0.089	0.076	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07
Client ID: GW-17
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/17/23 11:32
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 06/16/23 19:03
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/11/23 10:33
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 06/10/23 09:01
Cleanup Method: EPA 3665A
Cleanup Date: 06/10/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/10/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG1789644-1						
Aroclor 1016	ND		ug/kg	48.8	4.33	A
Aroclor 1221	ND		ug/kg	48.8	4.89	A
Aroclor 1232	ND		ug/kg	48.8	10.3	A
Aroclor 1242	ND		ug/kg	48.8	6.58	A
Aroclor 1248	ND		ug/kg	48.8	7.32	A
Aroclor 1254	ND		ug/kg	48.8	5.34	A
Aroclor 1260	ND		ug/kg	48.8	9.01	A
Aroclor 1262	ND		ug/kg	48.8	6.20	A
Aroclor 1268	ND		ug/kg	48.8	5.05	A
PCBs, Total	ND		ug/kg	48.8	4.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/16/23 02:51
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 06/15/23 05:01
Cleanup Method: EPA 3665A
Cleanup Date: 06/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06 Batch: WG1791511-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/17/23 11:03
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 06/16/23 15:59

Cleanup Method: EPA 3660B
Cleanup Date: 06/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07 Batch: WG1792423-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	75		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1789644-2 WG1789644-3									
Aroclor 1016	80		84		40-140	5		50	A
Aroclor 1260	80		82		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		79		30-150	A
Decachlorobiphenyl	77		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		83		30-150	B
Decachlorobiphenyl	79		83		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06 Batch: WG1791511-2 WG1791511-3									
Aroclor 1016	68		75		40-140	9		50	A
Aroclor 1260	66		72		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		67		30-150	A
Decachlorobiphenyl	76		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		67		30-150	B
Decachlorobiphenyl	79		82		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07 Batch: WG1792423-2 WG1792423-3									
Aroclor 1016	67		58		40-140	15		50	A
Aroclor 1260	66		56		40-140	16		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		53		30-150	A
Decachlorobiphenyl	80		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		51		30-150	B
Decachlorobiphenyl	74		68		30-150	B

PESTICIDES

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01
Client ID: SB-44P (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 07:35
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/12/23 11:35
Analyst: AR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/10/23 23:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.684	0.306	1	A
Alpha-BHC	ND		ug/kg	0.684	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.821	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.578	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.924	1	A
Endrin	ND		ug/kg	0.684	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.718	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.513	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.586	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.684	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.958	1	A
Toxaphene	ND		ug/kg	30.8	8.62	1	A
cis-Chlordane	1.08	J	ug/kg	2.05	0.572	1	A
trans-Chlordane	1.23	J	ug/kg	2.05	0.542	1	B
Chlordane	ND		ug/kg	13.7	5.44	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01 Date Collected: 06/09/23 07:35

Client ID: SB-44P (2-2.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02
Client ID: SB-45P (4-4.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 07:50
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/12/23 11:48
Analyst: AR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/10/23 23:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.702	0.314	1	A
Alpha-BHC	ND		ug/kg	0.702	0.200	1	A
Beta-BHC	ND		ug/kg	1.68	0.639	1	A
Heptachlor	ND		ug/kg	0.843	0.378	1	A
Aldrin	ND		ug/kg	1.68	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.948	1	A
Endrin	ND		ug/kg	0.702	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.68	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.68	0.390	1	A
4,4'-DDD	ND		ug/kg	1.68	0.601	1	A
4,4'-DDT	ND		ug/kg	1.68	1.36	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.563	1	A
Endosulfan sulfate	ND		ug/kg	0.702	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.983	1	A
Toxaphene	ND		ug/kg	31.6	8.85	1	A
cis-Chlordane	ND		ug/kg	2.11	0.587	1	A
trans-Chlordane	ND		ug/kg	2.11	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.58	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02 Date Collected: 06/09/23 07:50

Client ID: SB-45P (4-4.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03
Client ID: SB-46P (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 11:30
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/12/23 12:00
Analyst: AR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/10/23 23:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.844	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.949	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.69	0.390	1	A
4,4'-DDD	1.17	JIP	ug/kg	1.69	0.602	1	B
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.335	1	A
Methoxychlor	ND		ug/kg	3.16	0.984	1	A
Toxaphene	ND		ug/kg	31.6	8.86	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.557	1	A
Chlordane	ND		ug/kg	14.1	5.59	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03 Date Collected: 06/09/23 11:30

Client ID: SB-46P (4.5-5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04
Client ID: SB-47P (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:40
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/12/23 12:12
Analyst: AR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/10/23 23:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.745	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	B
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04 Date Collected: 06/09/23 12:40

Client ID: SB-47P (3-3.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05
Client ID: SB-48P (3.5-4)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:55
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/12/23 12:24
Analyst: AR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/10/23 23:55
Cleanup Method: EPA 3620B
Cleanup Date: 06/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	B
Lindane	ND		ug/kg	0.769	0.344	1	B
Alpha-BHC	ND		ug/kg	0.769	0.218	1	B
Beta-BHC	ND		ug/kg	1.85	0.700	1	B
Heptachlor	ND		ug/kg	0.923	0.414	1	B
Aldrin	ND		ug/kg	1.85	0.650	1	B
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	B
Endrin	ND		ug/kg	0.769	0.315	1	B
Endrin aldehyde	ND		ug/kg	2.31	0.808	1	B
Endrin ketone	ND		ug/kg	1.85	0.475	1	B
Dieldrin	ND		ug/kg	1.15	0.577	1	B
4,4'-DDE	ND		ug/kg	1.85	0.427	1	B
4,4'-DDD	4.83	P	ug/kg	1.85	0.658	1	B
4,4'-DDT	ND		ug/kg	1.85	1.48	1	B
Endosulfan I	ND		ug/kg	1.85	0.436	1	B
Endosulfan II	ND		ug/kg	1.85	0.617	1	B
Endosulfan sulfate	ND		ug/kg	0.769	0.366	1	B
Methoxychlor	ND		ug/kg	3.46	1.08	1	B
Toxaphene	ND		ug/kg	34.6	9.69	1	B
cis-Chlordane	ND		ug/kg	2.31	0.643	1	B
trans-Chlordane	ND		ug/kg	2.31	0.609	1	B
Chlordane	ND		ug/kg	15.4	6.12	1	B

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05 Date Collected: 06/09/23 12:55

Client ID: SB-48P (3.5-4) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**7**	Q	30-150	A
Decachlorobiphenyl	**6**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	114		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06
Client ID: GW-16
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 13:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/15/23 16:13
Analyst: AAR

Extraction Method: EPA 3510C
Extraction Date: 06/14/23 09:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06 Date Collected: 06/09/23 13:10

Client ID: GW-16 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07
Client ID: GW-17
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/15/23 16:24
Analyst: AAR

Extraction Method: EPA 3510C
Extraction Date: 06/14/23 09:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07 Date Collected: 06/09/23 12:10

Client ID: GW-17 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/12/23 09:21
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 06/10/23 10:26
Cleanup Method: EPA 3620B
Cleanup Date: 06/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1789658-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.586	A
Heptachlor	ND		ug/kg	0.773	0.347	A
Aldrin	ND		ug/kg	1.55	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.870	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.55	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.552	A
4,4'-DDT	ND		ug/kg	1.55	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.365	A
Endosulfan II	ND		ug/kg	1.55	0.517	A
Endosulfan sulfate	ND		ug/kg	0.644	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.902	A
Toxaphene	ND		ug/kg	29.0	8.12	A
cis-Chlordane	ND		ug/kg	1.93	0.539	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/12/23 09:21
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 06/10/23 10:26
Cleanup Method: EPA 3620B
Cleanup Date: 06/12/23
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1789658-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/14/23 15:51
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/14/23 03:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07 Batch: WG1790949-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/14/23 15:51
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/14/23 03:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07 Batch: WG1790949-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	71		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1789658-2 WG1789658-3									
Delta-BHC	78		66		30-150	17		30	A
Lindane	72		61		30-150	17		30	A
Alpha-BHC	74		62		30-150	18		30	A
Beta-BHC	80		63		30-150	24		30	A
Heptachlor	67		57		30-150	16		30	A
Aldrin	71		60		30-150	17		30	A
Heptachlor epoxide	68		57		30-150	18		30	A
Endrin	73		61		30-150	18		30	A
Endrin aldehyde	64		54		30-150	17		30	A
Endrin ketone	78		67		30-150	15		30	A
Dieldrin	76		64		30-150	17		30	A
4,4'-DDE	75		62		30-150	19		30	A
4,4'-DDD	80		67		30-150	18		30	A
4,4'-DDT	74		63		30-150	16		30	A
Endosulfan I	71		61		30-150	15		30	A
Endosulfan II	73		61		30-150	18		30	A
Endosulfan sulfate	71		60		30-150	17		30	A
Methoxychlor	73		63		30-150	15		30	A
cis-Chlordane	66		55		30-150	18		30	A
trans-Chlordane	81		68		30-150	17		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1789658-2 WG1789658-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		53		30-150	A
Decachlorobiphenyl	79		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		57		30-150	B
Decachlorobiphenyl	89		75		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG1790949-2 WG1790949-3									
Delta-BHC	57		62		30-150	9		20	A
Lindane	55		60		30-150	8		20	A
Alpha-BHC	63		63		30-150	0		20	A
Beta-BHC	64		66		30-150	4		20	A
Heptachlor	59		63		30-150	5		20	A
Aldrin	57		61		30-150	7		20	A
Heptachlor epoxide	55		60		30-150	9		20	A
Endrin	55		62		30-150	12		20	A
Endrin aldehyde	54		61		30-150	12		20	A
Endrin ketone	60		68		30-150	13		20	A
Dieldrin	59		66		30-150	10		20	A
4,4'-DDE	54		60		30-150	9		20	A
4,4'-DDD	61		68		30-150	11		20	A
4,4'-DDT	66		73		30-150	10		20	A
Endosulfan I	56		62		30-150	11		20	A
Endosulfan II	57		65		30-150	13		20	A
Endosulfan sulfate	54		61		30-150	12		20	A
Methoxychlor	73		81		30-150	10		20	A
cis-Chlordane	59		65		30-150	10		20	A
trans-Chlordane	70		76		30-150	9		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG1790949-2 WG1790949-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		53		30-150	A
Decachlorobiphenyl	60		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		51		30-150	B
Decachlorobiphenyl	55		59		30-150	B

METALS

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01 Date Collected: 06/09/23 07:35

Client ID: SB-44P (2-2.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5560		mg/kg	8.29	2.24	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Antimony, Total	0.571	J	mg/kg	4.15	0.315	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Arsenic, Total	0.784	J	mg/kg	0.829	0.172	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Barium, Total	58.7		mg/kg	0.829	0.144	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Beryllium, Total	0.298	J	mg/kg	0.415	0.027	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Cadmium, Total	0.147	J	mg/kg	0.829	0.081	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Calcium, Total	11300		mg/kg	8.29	2.90	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Chromium, Total	14.7		mg/kg	0.829	0.080	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Cobalt, Total	6.36		mg/kg	1.66	0.138	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Copper, Total	18.6		mg/kg	0.829	0.214	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Iron, Total	13200		mg/kg	4.15	0.749	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Lead, Total	2.58	J	mg/kg	4.15	0.222	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Magnesium, Total	8080		mg/kg	8.29	1.28	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Manganese, Total	207		mg/kg	0.829	0.132	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Mercury, Total	ND		mg/kg	0.068	0.044	1	06/14/23 07:15	06/15/23 20:35	EPA 7471B	1,7471B	GMG
Nickel, Total	11.0		mg/kg	2.07	0.201	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Potassium, Total	1960		mg/kg	207	11.9	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Selenium, Total	ND		mg/kg	1.66	0.214	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Silver, Total	ND		mg/kg	0.415	0.235	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Sodium, Total	494		mg/kg	166	2.61	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Thallium, Total	ND		mg/kg	1.66	0.261	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Vanadium, Total	22.1		mg/kg	0.829	0.168	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF
Zinc, Total	22.9		mg/kg	4.15	0.243	2	06/14/23 06:15	06/17/23 11:23	EPA 3050B	1,6010D	EJF

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02 Date Collected: 06/09/23 07:50

Client ID: SB-45P (4-4.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5440		mg/kg	8.37	2.26	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Antimony, Total	0.818	J	mg/kg	4.18	0.318	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Arsenic, Total	1.04		mg/kg	0.837	0.174	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Barium, Total	49.6		mg/kg	0.837	0.146	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Beryllium, Total	0.285	J	mg/kg	0.418	0.028	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Cadmium, Total	0.148	J	mg/kg	0.837	0.082	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Calcium, Total	4990		mg/kg	8.37	2.93	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Chromium, Total	15.6		mg/kg	0.837	0.080	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Cobalt, Total	4.98		mg/kg	1.67	0.139	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Copper, Total	16.2		mg/kg	0.837	0.216	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Iron, Total	12300		mg/kg	4.18	0.756	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Lead, Total	10.2		mg/kg	4.18	0.224	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Magnesium, Total	4340		mg/kg	8.37	1.29	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Manganese, Total	182		mg/kg	0.837	0.133	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Mercury, Total	ND		mg/kg	0.068	0.044	1	06/14/23 07:15	06/15/23 20:38	EPA 7471B	1,7471B	GMG
Nickel, Total	9.79		mg/kg	2.09	0.202	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Potassium, Total	1590		mg/kg	209	12.0	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Selenium, Total	ND		mg/kg	1.67	0.216	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Silver, Total	0.257	J	mg/kg	0.418	0.237	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Sodium, Total	242		mg/kg	167	2.64	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Thallium, Total	ND		mg/kg	1.67	0.264	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Vanadium, Total	19.8		mg/kg	0.837	0.170	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF
Zinc, Total	26.3		mg/kg	4.18	0.245	2	06/14/23 06:15	06/17/23 11:26	EPA 3050B	1,6010D	EJF

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03 Date Collected: 06/09/23 11:30

Client ID: SB-46P (4.5-5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5330		mg/kg	8.45	2.28	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Antimony, Total	ND		mg/kg	4.23	0.321	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Arsenic, Total	1.11		mg/kg	0.845	0.176	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Barium, Total	55.7		mg/kg	0.845	0.147	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Beryllium, Total	0.265	J	mg/kg	0.423	0.028	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Cadmium, Total	0.132	J	mg/kg	0.845	0.083	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Calcium, Total	11600		mg/kg	8.45	2.96	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Chromium, Total	13.3		mg/kg	0.845	0.081	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Cobalt, Total	4.80		mg/kg	1.69	0.140	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Copper, Total	16.2		mg/kg	0.845	0.218	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Iron, Total	11700		mg/kg	4.23	0.763	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Lead, Total	15.4		mg/kg	4.23	0.226	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Magnesium, Total	6580		mg/kg	8.45	1.30	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Manganese, Total	129		mg/kg	0.845	0.134	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Mercury, Total	0.081		mg/kg	0.069	0.045	1	06/14/23 07:15	06/15/23 20:42	EPA 7471B	1,7471B	GMG
Nickel, Total	9.20		mg/kg	2.11	0.204	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Potassium, Total	1740		mg/kg	211	12.2	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Silver, Total	ND		mg/kg	0.423	0.239	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Sodium, Total	195		mg/kg	169	2.66	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Vanadium, Total	20.0		mg/kg	0.845	0.172	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF
Zinc, Total	26.9		mg/kg	4.23	0.248	2	06/14/23 06:15	06/17/23 11:28	EPA 3050B	1,6010D	EJF

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04 Date Collected: 06/09/23 12:40

Client ID: SB-47P (3-3.5) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12700		mg/kg	8.91	2.41	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Antimony, Total	0.557	J	mg/kg	4.46	0.339	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Arsenic, Total	2.21		mg/kg	0.891	0.185	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Barium, Total	75.5		mg/kg	0.891	0.155	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Beryllium, Total	0.466		mg/kg	0.446	0.029	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Cadmium, Total	0.155	J	mg/kg	0.891	0.087	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Calcium, Total	3150		mg/kg	8.91	3.12	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Chromium, Total	19.3		mg/kg	0.891	0.086	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Cobalt, Total	6.35		mg/kg	1.78	0.148	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Copper, Total	19.1		mg/kg	0.891	0.230	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Iron, Total	16000		mg/kg	4.46	0.805	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Lead, Total	32.3		mg/kg	4.46	0.239	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Magnesium, Total	3970		mg/kg	8.91	1.37	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Manganese, Total	215		mg/kg	0.891	0.142	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Mercury, Total	0.120		mg/kg	0.074	0.048	1	06/14/23 07:15	06/15/23 20:52	EPA 7471B	1,7471B	GMG
Nickel, Total	14.4		mg/kg	2.23	0.216	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Potassium, Total	2410		mg/kg	223	12.8	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Silver, Total	ND		mg/kg	0.446	0.252	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Sodium, Total	340		mg/kg	178	2.81	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Thallium, Total	ND		mg/kg	1.78	0.281	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Vanadium, Total	28.5		mg/kg	0.891	0.181	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF
Zinc, Total	39.3		mg/kg	4.46	0.261	2	06/14/23 06:15	06/17/23 11:31	EPA 3050B	1,6010D	EJF

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05 Date Collected: 06/09/23 12:55

Client ID: SB-48P (3.5-4) Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6810		mg/kg	9.00	2.43	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Antimony, Total	3.27	J	mg/kg	4.50	0.342	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Arsenic, Total	5.88		mg/kg	0.900	0.187	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Barium, Total	134		mg/kg	0.900	0.156	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Beryllium, Total	0.346	J	mg/kg	0.450	0.030	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Cadmium, Total	1.51		mg/kg	0.900	0.088	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Calcium, Total	15300		mg/kg	9.00	3.15	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Chromium, Total	14.2		mg/kg	0.900	0.086	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Cobalt, Total	5.25		mg/kg	1.80	0.149	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Copper, Total	90.7		mg/kg	0.900	0.232	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Iron, Total	14000		mg/kg	4.50	0.812	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Lead, Total	317		mg/kg	4.50	0.241	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Magnesium, Total	4030		mg/kg	9.00	1.38	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Manganese, Total	167		mg/kg	0.900	0.143	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Mercury, Total	0.408		mg/kg	0.075	0.049	1	06/14/23 07:15	06/15/23 20:55	EPA 7471B	1,7471B	GMG
Nickel, Total	15.4		mg/kg	2.25	0.218	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Potassium, Total	1280		mg/kg	225	13.0	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Selenium, Total	0.478	J	mg/kg	1.80	0.232	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Silver, Total	ND		mg/kg	0.450	0.254	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Sodium, Total	195		mg/kg	180	2.83	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Thallium, Total	ND		mg/kg	1.80	0.283	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Vanadium, Total	26.0		mg/kg	0.900	0.183	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF
Zinc, Total	567		mg/kg	4.50	0.264	2	06/14/23 06:15	06/17/23 11:34	EPA 3050B	1,6010D	EJF

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06 Date Collected: 06/09/23 13:10

Client ID: GW-16 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	27.7		mg/l	0.0100	0.00327	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00223		mg/l	0.00050	0.00016	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Barium, Total	0.6646		mg/l	0.00050	0.00017	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Beryllium, Total	0.00067		mg/l	0.00050	0.00010	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Cadmium, Total	0.00056		mg/l	0.00020	0.00005	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Calcium, Total	207.		mg/l	0.100	0.0394	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Chromium, Total	0.05769		mg/l	0.00100	0.00017	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.04913		mg/l	0.00050	0.00016	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Copper, Total	0.1515		mg/l	0.00100	0.00038	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Iron, Total	46.5		mg/l	0.0500	0.0191	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Lead, Total	0.05190		mg/l	0.00100	0.00034	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Magnesium, Total	127.		mg/l	0.0700	0.0242	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Manganese, Total	1.926		mg/l	0.00100	0.00044	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/14/23 03:45	06/15/23 12:39	EPA 7470A	1,7470A	DMB
Nickel, Total	0.07378		mg/l	0.00200	0.00055	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Potassium, Total	20.2		mg/l	0.100	0.0309	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Selenium, Total	0.0340		mg/l	0.00500	0.00173	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Silver, Total	0.00032	J	mg/l	0.00040	0.00016	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Sodium, Total	610.		mg/l	1.00	0.293	10	06/14/23 03:00	06/18/23 18:54	EPA 3005A	1,6020B	WKP
Thallium, Total	0.00059	J	mg/l	0.00100	0.00014	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.05386		mg/l	0.00500	0.00157	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP
Zinc, Total	0.1998		mg/l	0.01000	0.00341	1	06/14/23 03:00	06/18/23 16:41	EPA 3005A	1,6020B	WKP

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07 Date Collected: 06/09/23 12:10

Client ID: GW-17 Date Received: 06/09/23

Sample Location: WHITE PLAINS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	48.0		mg/l	0.0100	0.00327	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00322		mg/l	0.00050	0.00016	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Barium, Total	2.032		mg/l	0.00050	0.00017	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Beryllium, Total	0.00151		mg/l	0.00050	0.00010	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Cadmium, Total	0.00139		mg/l	0.00020	0.00005	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Calcium, Total	400.		mg/l	0.100	0.0394	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Chromium, Total	0.1168		mg/l	0.00100	0.00017	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.1324		mg/l	0.00500	0.00163	10	06/14/23 03:00	06/18/23 18:59	EPA 3005A	1,6020B	WKP
Copper, Total	0.2002		mg/l	0.00100	0.00038	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Iron, Total	78.4		mg/l	0.0500	0.0191	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Lead, Total	0.08037		mg/l	0.00100	0.00034	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Magnesium, Total	265.		mg/l	0.0700	0.0242	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Manganese, Total	4.566		mg/l	0.00100	0.00044	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/14/23 03:45	06/15/23 12:50	EPA 7470A	1,7470A	DMB
Nickel, Total	0.1302		mg/l	0.00200	0.00055	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Potassium, Total	26.7		mg/l	0.100	0.0309	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Selenium, Total	0.104		mg/l	0.0500	0.0173	10	06/14/23 03:00	06/18/23 18:59	EPA 3005A	1,6020B	WKP
Silver, Total	0.00135		mg/l	0.00040	0.00016	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Sodium, Total	1770		mg/l	1.00	0.293	10	06/14/23 03:00	06/18/23 18:59	EPA 3005A	1,6020B	WKP
Thallium, Total	0.00142		mg/l	0.00100	0.00014	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.04351		mg/l	0.00500	0.00157	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP
Zinc, Total	0.2749		mg/l	0.01000	0.00341	1	06/14/23 03:00	06/18/23 16:46	EPA 3005A	1,6020B	WKP

Project Name: 100 MAIN ST. **Lab Number:** L2332665

Project Number: 12461 **Report Date:** 06/19/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1789741-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Calcium, Total	4.40		mg/kg	4.00	1.40	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Iron, Total	3.82		mg/kg	2.00	0.361	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Magnesium, Total	2.39	J	mg/kg	4.00	0.616	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/14/23 06:15	06/16/23 09:30	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1789742-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/14/23 07:15	06/15/23 14:51	1,7471B	GMG

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1790325-1										
Aluminum, Total	0.00434	J	mg/l	0.0100	0.00327	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/14/23 03:00	06/18/23 15:23	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1790326-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/14/23 03:45	06/15/23 12:09	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1789741-2 SRM Lot Number: D119-540								
Aluminum, Total	74		-		48-152	-		
Antimony, Total	122		-		10-190	-		
Arsenic, Total	95		-		83-117	-		
Barium, Total	96		-		82-118	-		
Beryllium, Total	95		-		83-117	-		
Cadmium, Total	96		-		82-117	-		
Calcium, Total	93		-		81-118	-		
Chromium, Total	97		-		82-119	-		
Cobalt, Total	95		-		83-117	-		
Copper, Total	93		-		84-116	-		
Iron, Total	91		-		60-140	-		
Lead, Total	94		-		82-118	-		
Magnesium, Total	84		-		76-124	-		
Manganese, Total	96		-		82-118	-		
Nickel, Total	95		-		82-117	-		
Potassium, Total	87		-		70-130	-		
Selenium, Total	98		-		79-121	-		
Silver, Total	93		-		80-120	-		
Sodium, Total	97		-		74-126	-		
Thallium, Total	100		-		81-119	-		
Vanadium, Total	95		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1789741-2 SRM Lot Number: D119-540					
Zinc, Total	91	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1789742-2 SRM Lot Number: D119-540					
Mercury, Total	98	-	73-127	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1790325-2					
Aluminum, Total	114	-	80-120	-	
Antimony, Total	96	-	80-120	-	
Arsenic, Total	103	-	80-120	-	
Barium, Total	96	-	80-120	-	
Beryllium, Total	103	-	80-120	-	
Cadmium, Total	93	-	80-120	-	
Calcium, Total	90	-	80-120	-	
Chromium, Total	106	-	80-120	-	
Cobalt, Total	110	-	80-120	-	
Copper, Total	104	-	80-120	-	
Iron, Total	119	-	80-120	-	
Lead, Total	104	-	80-120	-	
Magnesium, Total	94	-	80-120	-	
Manganese, Total	115	-	80-120	-	
Nickel, Total	108	-	80-120	-	
Potassium, Total	114	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	90	-	80-120	-	
Sodium, Total	98	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	116	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1790325-2					
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1790326-2					
Mercury, Total	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1789741-3 WG1789741-4 QC Sample: L2332644-06 Client ID: MS Sample												
Aluminum, Total	4120	175	4230	**63**	Q	4370	**143**	Q	75-125	3		20
Antimony, Total	9.88	43.9	52.1	96		52.4	97		75-125	1		20
Arsenic, Total	102	10.5	132	**285**	Q	136	**324**	Q	75-125	3		20
Barium, Total	1140	175	1030	**0**	Q	359	**0**	Q	75-125	**97**	Q	20
Beryllium, Total	0.456	4.39	5.15	107		5.08	106		75-125	1		20
Cadmium, Total	2.34	4.65	6.83	96		6.61	92		75-125	3		20
Calcium, Total	20200	877	32600	**1410**	Q	21200	114		75-125	**42**	Q	20
Chromium, Total	18.2	17.5	36.6	105		36.5	105		75-125	0		20
Cobalt, Total	8.81	43.9	52.3	99		52.4	100		75-125	0		20
Copper, Total	308	21.9	183	**0**	Q	221	**0**	Q	75-125	19		20
Iron, Total	141000	87.7	152000	**12500**	Q	170000	**33200**	Q	75-125	11		20
Lead, Total	299	46.5	344	97		341	91		75-125	1		20
Magnesium, Total	2480	877	3450	110		3190	81		75-125	8		20
Manganese, Total	646	43.9	679	75		776	**298**	Q	75-125	13		20
Nickel, Total	30.2	43.9	77.2	107		73.2	98		75-125	5		20
Potassium, Total	405	877	1470	121		1450	120		75-125	1		20
Selenium, Total	5.02	10.5	19.2	**135**	Q	18.4	**128**	Q	75-125	4		20
Silver, Total	ND	4.39	3.77J	**0**	Q	3.27J	**0**	Q	75-125	NC		20
Sodium, Total	119J	877	1200	**137**	Q	1200	**137**	Q	75-125	0		20
Thallium, Total	2.08	10.5	13.2	106		13.6	110		75-125	3		20
Vanadium, Total	40.1	43.9	90.4	115		87.2	108		75-125	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1789741-3 WG1789741-4 QC Sample: L2332644-06 Client ID: MS Sample												
Zinc, Total	1480	43.9	1500	**46**	Q	483	**0**	Q	75-125	**103**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1789742-3 WG1789742-4 QC Sample: L2332644-06 Client ID: MS Sample												
Mercury, Total	0.190	1.45	1.67	102		1.74	107		80-120	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1790325-3 QC Sample: L2330783-01 Client ID: MS Sample										
Aluminum, Total	0.00514J	2	2.19	110		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.4573	91		-	-	75-125	-	20
Arsenic, Total	0.00454	0.12	0.1290	104		-	-	75-125	-	20
Barium, Total	0.08585	2	1.958	94		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.04704	94		-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.04949	93		-	-	75-125	-	20
Calcium, Total	620.	10	615	**0**	Q	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.1956	98		-	-	75-125	-	20
Cobalt, Total	0.00341	0.5	0.4994	99		-	-	75-125	-	20
Copper, Total	ND	0.25	0.2435	97		-	-	75-125	-	20
Iron, Total	108.	1	105	**0**	Q	-	-	75-125	-	20
Lead, Total	ND	0.53	0.5625	106		-	-	75-125	-	20
Magnesium, Total	36.6	10	59.5	**229**	Q	-	-	75-125	-	20
Manganese, Total	3.420	0.5	3.993	115		-	-	75-125	-	20
Nickel, Total	0.02589	0.5	0.5248	100		-	-	75-125	-	20
Potassium, Total	16.6	10	27.4	108		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.130	108		-	-	75-125	-	20
Silver, Total	ND	0.05	0.04396	88		-	-	75-125	-	20
Sodium, Total	14.9	10	29.9	**150**	Q	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1199	100		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5052	101		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1790325-3 QC Sample: L2330783-01 Client ID: MS Sample									
Zinc, Total	0.02168	0.5	0.5117	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1790326-3 QC Sample: L2330783-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00409	82	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1790325-4 QC Sample: L2330783-01 Client ID: DUP Sample						
Aluminum, Total	0.00514J	0.00375J	mg/l	NC		20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	0.00454	0.00432	mg/l	5		20
Barium, Total	0.08585	0.08143	mg/l	5		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Cobalt, Total	0.00341	0.00318	mg/l	7		20
Copper, Total	ND	ND	mg/l	NC		20
Iron, Total	108.	94.7	mg/l	13		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	36.6	34.5	mg/l	6		20
Manganese, Total	3.420	3.053	mg/l	11		20
Nickel, Total	0.02589	0.02522	mg/l	3		20
Potassium, Total	16.6	14.8	mg/l	11		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	14.9	14.3	mg/l	4		20
Thallium, Total	ND	0.00018J	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1790325-4 QC Sample: L2330783-01 Client ID: DUP Sample					
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.02168	0.01995	mg/l	8	20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1790325-4 QC Sample: L2330783-01 Client ID: DUP Sample					
Calcium, Total	620.	641	mg/l	3	20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1790326-4 QC Sample: L2330783-02 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2332665
Report Date: 06/19/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1789741-6 QC Sample: L2332644-06 Client ID: DUP Sample						
Aluminum, Total	4120	4030	mg/kg	2		20
Arsenic, Total	102	82.6	mg/kg	19		20
Barium, Total	1140	1110	mg/kg	3		20
Calcium, Total	20200	20300	mg/kg	0		20
Copper, Total	308	308	mg/kg	0		20
Lead, Total	299	264	mg/kg	12		20
Magnesium, Total	2480	2720	mg/kg	10		20
Manganese, Total	646	655	mg/kg	1		20
Vanadium, Total	40.1	40.1	mg/kg	0		20
Zinc, Total	1480	1640	mg/kg	11		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1789741-6 QC Sample: L2332644-06 Client ID: DUP Sample						
Iron, Total	141000	141000	mg/kg	0		20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1790325-6 QC Sample: L2330783-01 Client ID: DUP Sample						
Magnesium, Total	36.6	50.4	mg/l	**38**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1790325-6 QC Sample: L2330783-01 Client ID: DUP Sample						
Calcium, Total	620.	632.	mg/l	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-01
Client ID: SB-44P (2-2.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 07:35
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	06/13/23 13:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/14/23 21:10	06/15/23 11:21	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-02
Client ID: SB-45P (4-4.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 07:50
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	06/13/23 13:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/14/23 21:10	06/15/23 11:32	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-03
Client ID: SB-46P (4.5-5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 11:30
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	06/13/23 13:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/14/23 21:10	06/15/23 11:34	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-04
Client ID: SB-47P (3-3.5)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:40
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	06/13/23 13:08	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/14/23 21:10	06/15/23 11:35	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-05
Client ID: SB-48P (3.5-4)
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 12:55
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	06/13/23 13:08	121,2540G	ROI
Cyanide, Total	0.25	J	mg/kg	1.1	0.23	1	06/16/23 09:45	06/16/23 14:12	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-06
Client ID: GW-16
Sample Location: WHITE PLAINS, NY

Date Collected: 06/09/23 13:10
Date Received: 06/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/14/23 14:50	06/14/23 18:37	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

SAMPLE RESULTS

Lab ID: L2332665-07
Client ID: GW-17
Sample Location: WHITE PLAINS, NY

Sample Depth:
Matrix: Water

Date Collected: 06/09/23 12:10
Date Received: 06/09/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.003	J	mg/l	0.005	0.001	1	06/14/23 14:50	06/14/23 18:38	1,9010C/9012B	JER

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 06-07 Batch: WG1791227-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/14/23 14:50	06/14/23 18:17	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1791402-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	06/14/23 21:10	06/15/23 10:57	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02-04 Batch: WG1791403-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	06/14/23 21:10	06/15/23 10:57	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1792107-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	06/16/23 09:45	06/16/23 13:53	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06-07 Batch: WG1791227-2 WG1791227-3								
Cyanide, Total	99		98		85-115	1		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1791402-2 WG1791402-3								
Cyanide, Total	**76**	Q	83		80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 02-04 Batch: WG1791403-2 WG1791403-3								
Cyanide, Total	**76**	Q	83		80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1792107-2 WG1792107-3								
Cyanide, Total	105		96		80-120	6		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 100 MAIN ST.
Project Number: 12461
Lab Number: L2332665
Report Date: 06/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG1791227-4 WG1791227-5 QC Sample: L2332644-03 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.201	100		0.209	104		80-120	4		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1791402-4 WG1791402-5 QC Sample: L2330640-18 Client ID: MS Sample												
Cyanide, Total	0.71J	11	9.2	77		10	86		75-125	8		35
General Chemistry - Westborough Lab Associated sample(s): 02-04 QC Batch ID: WG1791403-4 WG1791403-5 QC Sample: L2332796-02 Client ID: MS Sample												
Cyanide, Total	ND	11	11	97		12	110		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1792107-4 WG1792107-5 QC Sample: L2332665-05 Client ID: SB-48P (3.5-4)												
Cyanide, Total	0.25J	12	12	99		11	99		75-125	9		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 100 MAIN ST.

Project Number: 12461

Lab Number: L2332665

Report Date: 06/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1790691-1 QC Sample: L2332103-01 Client ID: DUP Sample						
Solids, Total	94.6	95.5	%	1		20

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2332665-01A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-01B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-01C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2332665-01E	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2332665-01F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2332665-01X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-01Y	Vial Water preserved split	A	NA		4.8	Y	Absent	10-JUN-23 10:36	NYTCL-8260HLW(14)
L2332665-01Z	Vial Water preserved split	A	NA		4.8	Y	Absent	10-JUN-23 10:36	NYTCL-8260HLW(14)
L2332665-02A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-02B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-02C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2332665-02E	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2332665-02F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2332665-02X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-02Y	Vial Water preserved split	A	NA		4.8	Y	Absent	10-JUN-23 10:36	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2332665-02Z	Vial Water preserved split	A	NA		4.8	Y	Absent	10-JUN-23 10:36	NYTCL-8260HLW(14)
L2332665-03A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-03B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-03C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-03D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2332665-03E	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2332665-03F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2332665-03X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-03Y	Vial Water preserved split	A	NA		4.8	Y	Absent	10-JUN-23 10:36	NYTCL-8260HLW(14)
L2332665-03Z	Vial Water preserved split	A	NA		4.8	Y	Absent	10-JUN-23 10:36	NYTCL-8260HLW(14)
L2332665-04A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-04B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-04C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2332665-04E	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2332665-04F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2332665-04X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-04Y	Vial Water preserved split	A	NA		4.8	Y	Absent	10-JUN-23 10:36	NYTCL-8260HLW(14)
L2332665-04Z	Vial Water preserved split	A	NA		4.8	Y	Absent	10-JUN-23 10:36	NYTCL-8260HLW(14)
L2332665-05A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-05B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-05C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2332665-05D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2332665-05E	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2332665-05F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2332665-05X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L2332665-05Y	Vial Water preserved split	A	NA		4.8	Y	Absent	10-JUN-23 10:36	NYTCL-8260HLW(14)
L2332665-05Z	Vial Water preserved split	A	NA		4.8	Y	Absent	10-JUN-23 10:36	NYTCL-8260HLW(14)
L2332665-06A	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2332665-06B	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2332665-06C	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2332665-06D	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8081(7)
L2332665-06E	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8081(7)
L2332665-06F	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8082-LVI(365)
L2332665-06G	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8082-LVI(365)
L2332665-06H	Plastic 250ml NaOH preserved	A	>12	>12	4.8	Y	Absent		TCN-9010(14)
L2332665-06J	Amber 250ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2332665-06K	Amber 250ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2332665-06L	Plastic 250ml HNO3 preserved	A	<2	<2	4.8	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2332665-07A	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2332665-07B	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2332665-07C	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L2332665-07D	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name: 100 MAIN ST.
Project Number: 12461

Lab Number: L2332665
Report Date: 06/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2332665-07E	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8081(7)
L2332665-07F	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8082-LVI(365)
L2332665-07G	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8082-LVI(365)
L2332665-07H	Plastic 250ml NaOH preserved	A	>12	>12	4.8	Y	Absent		TCN-9010(14)
L2332665-07J	Amber 250ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2332665-07K	Amber 250ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2332665-07L	Plastic 250ml HNO3 preserved	A	<2	<2	4.8	Y	Absent		TL-6020T(180),FE-6020T(180),BA-6020T(180),SE-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name:	100 MAIN ST.	**Lab Number:**	L2332665
Project Number:	12461	**Report Date:**	06/19/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST.	**Lab Number:**	L2332665
Project Number:	12461	**Report Date:**	06/19/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	100 MAIN ST.	**Lab Number:**	L2332665
Project Number:	12461	**Report Date:**	06/19/23

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	100 MAIN ST.	**Lab Number:**	L2332665
Project Number:	12461	**Report Date:**	06/19/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/9/23

ALPHA Job #: L2332665

Client Information

Client: SESI
Address: 954 US 46 Fl 3 S300
Parsippany NJ 07054
Phone: 973 8089050
Fax:
Email: JCS@sesi.org

Project Information

Project Name: 100 Main St
Project Location: White Plains NY
Project #: 12461a
(Use Project name as Project #) ☐
Project Manager: Jon Stuart
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☑ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # Renaissance Env. Mgmt.
Attn: Kevin McNamara

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL+30 TAL

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
32665-01	SB-44P (2-2.5)	6/9/23	735	S	CB	
02	SB-45P (4-4.5)		750	S	CB	
03	SB-46P (4.5-5)		1130	S	CB	
04	SB-47P (3-3.5)		1740	S	CB	
05	SB-48P (3.5-4)		1755	S	CB	
06	GW-16		1310	GW	CB	
07	GW-17	↓	1710	GW	CB	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	P/G										
Preservative	Soil										

Relinquished By:	Date/Time	Received By:	Date/Time
	06/09/23 14:28	AAL	6/9/23 14:28
AAL	6/9/23 18:20		6/9/23 18:55
	6/9/23	AAL	6/9/23 21:30
AAL	6/9/23 23:20		6/9/23 23:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)