

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG040424 SAS No.: BG040424 SDG No.: BG040424

Instrument ID: BNA_G Calibration Date/Time: 4/4/2024 12:10:32

Lab File ID: BG060772.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.887	1.098		23.788	
Pyridine	1.485	1.771		19.259	
2-Fluorophenol	1.201	1.143		-4.829	
Benzaldehyde	0.983	0.900		-8.444	
Aniline	2.250	2.091		-7.067	
Phenol-d6	1.782	1.718		-3.591	
Phenol	1.819	1.752		-3.683	20.0
bis(2-Chloroethyl)ether	1.468	1.363		-7.153	
2-Chlorophenol	1.361	1.368		0.514	
1,2-Dichlorobenzene	1.415	1.403		-0.848	
1,3-Dichlorobenzene	1.415	1.358		-4.028	
1,4-Dichlorobenzene	1.444	1.393		-3.532	20.0
Benzyl Alcohol	1.444	1.490		3.186	
2-Methylphenol	1.373	1.363		-0.728	
2,2-oxybis(1-Chloropropane)	3.314	3.235		-2.384	
Acetophenone	0.551	0.544		-1.27	
3+4-Methylphenols	1.880	1.898		0.957	
n-Nitroso-di-n-propylamine	1.359	1.342	0.050	-1.251	
Nitrobenzene-d5	0.350	0.422		20.571	
Hexachloroethane	0.513	0.520		1.365	
Nitrobenzene	0.352	0.420		19.318	
Isophorone	0.807	0.772		-4.337	
2-Nitrophenol	0.120	0.175		45.833	20.0
2,4-Dimethylphenol	0.324	0.313		-3.395	
bis(2-Chloroethoxy)methane	0.477	0.450		-5.66	
2,4-Dichlorophenol	0.298	0.319		7.047	20.0
1,2,4-Trichlorobenzene	0.337	0.344		2.077	
Benzoic acid	0.191	0.267		39.791	
Naphthalene	1.082	1.044		-3.512	
4-Chloroaniline	0.503	0.487		-3.181	
Hexachlorobutadiene	0.225	0.229		1.778	20.0
Caprolactam	0.118	0.120		1.695	
4-Chloro-3-methylphenol	0.380	0.400		5.263	20.0
2-Methylnaphthalene	0.795	0.784		-1.384	
Hexachlorocyclopentadiene	0.292	0.312	0.050	6.849	
2,4,6-Trichlorophenol	0.370	0.400		8.108	20.0
2-Fluorobiphenyl	1.363	1.293		-5.136	
2,4,5-Trichlorophenol	0.442	0.474		7.24	
1,1-Biphenyl	1.413	1.317		-6.794	

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Lab File ID: BG060772.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.073	1.008		-6.058	
2-Nitroaniline	0.307	0.402		30.945	
Dimethylphthalate	1.581	1.514		-4.238	
Acenaphthylene	1.803	1.730		-4.049	
2,6-Dinitrotoluene	0.247	0.306		23.887	
3-Nitroaniline	0.277	0.335		20.939	
Acenaphthene	1.132	1.142		0.883	20.0
2,4-Dinitrophenol	0.110	0.170	0.050	54.545	
4-Nitrophenol	0.231	0.270	0.050	16.883	
Dibenzofuran	1.786	1.713		-4.087	
2,4-Dinitrotoluene	0.320	0.437		36.563	
Diethylphthalate	1.590	1.509		-5.094	
4-Chlorophenyl-phenylether	0.758	0.756		-0.264	
Fluorene	1.433	1.391		-2.931	
4-Nitroaniline	0.289	0.352		21.799	
4,6-Dinitro-2-methylphenol	0.073	0.109		49.315	
n-Nitrosodiphenylamine	0.572	0.561		-1.923	20.0
Azobenzene	1.550	1.450		-6.452	
2,4,6-Tribromophenol	0.227	0.281		23.789	
4-Bromophenyl-phenylether	0.203	0.218		7.389	
Hexachlorobenzene	0.229	0.232		1.31	
Atrazine	0.200	0.202		1.0	
Pentachlorophenol	0.150	0.172		14.667	20.0
Phenanthrene	1.040	1.008		-3.077	
Anthracene	1.056	1.036		-1.894	
Carbazole	0.931	0.889		-4.511	
Di-n-butylphthalate	1.161	1.113		-4.134	
Fluoranthene	1.262	1.208		-4.279	20.0
Benzidine	0.527	0.479		-9.108	
Pyrene	1.399	1.380		-1.358	
Terphenyl-d14	1.136	1.109		-2.377	
Butylbenzylphthalate	0.510	0.538		5.49	
3,3-Dichlorobenzidine	0.476	0.492		3.361	
Benzo(a)anthracene	1.410	1.374		-2.553	
Chrysene	1.359	1.315		-3.238	
Bis(2-ethylhexyl)phthalate	0.813	0.804		-1.107	
Di-n-octyl phthalate	1.325	1.392		5.057	20.0
Benzo(b)fluoranthene	1.149	1.127		-1.915	
Benzo(k)fluoranthene	1.176	1.130		-3.912	

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Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG040424 SAS No.: BG040424 SDG No.: BG040424
 Instrument ID: BNA_G Calibration Date/Time: 4/4/2024 12:10:32
 Lab File ID: BG060772.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.117	1.098		-1.701	20.0
Indeno(1,2,3-cd)pyrene	1.408	1.374		-2.415	
Dibenzo(a,h)anthracene	1.187	1.160		-2.275	
Benzo(g,h,i)perylene	1.155	1.125		-2.597	
1,2,4,5-Tetrachlorobenzene	0.575	0.566		-1.565	
1,4-Dioxane	0.492	0.531		7.927	20.0
2,3,4,6-Tetrachlorophenol	0.385	0.438		13.766	
1-Methylnaphthalene	0.751	0.736		-1.997	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	PB159958BL	SDG No.:	BG040424
Lab Sample ID:	PB159958BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060773.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	PB159958BL	SDG No.:	BG040424
Lab Sample ID:	PB159958BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060773.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	PB159958BL	SDG No.:	BG040424
Lab Sample ID:	PB159958BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060773.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	133.335		18-112		89	SPK: -150
13127-88-3	Phenol-d6	121.498		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	95.265		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	80.119		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	PB159958BL	SDG No.:	BG040424
Lab Sample ID:	PB159958BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060773.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	178.671	*	10-110		119	SPK: -150
1718-51-0	Terphenyl-d14	76.693		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54748	7.961				
1146-65-2	Naphthalene-d8	227066	10.758				
15067-26-2	Acenaphthene-d10	177969	14.589				
1517-22-2	Phenanthrene-d10	522618	17.338				
1719-03-5	Chrysene-d12	566802	21.598				
1520-96-3	Perylene-d12	635782	24.747				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.076	
000111-06-8	Hexadecanoic acid, butyl ester	85.6	J			19.677	
000123-95-5	Octadecanoic acid, butyl ester	73.3	J			20.723	
055045-13-1	Tetradecane, 6,9-dimethyl-	68	J			23.143	
054833-23-7	Eicosane, 10-methyl-	98.3	J			23.948	
000593-49-7	Heptacosane	140	J			24.9	
007225-66-3	Tridecane, 7-hexyl-	150	J			26.034	
000629-94-7	Heneicosane	170	J			27.386	
000638-67-5	Tricosane	140	J			29.031	



Client:				Date Collected:	4/3/2024 12:00:00 AM	
Project:				Date Received:	4/3/2024 12:00:00 AM	
Client Sample ID:	PB159958BS			SDG No.:	BG040424	
Lab Sample ID:	PB159958BS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060774.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		86.7	270	330	ug/Kg
110-86-1	Pyridine	1200		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	620		96.8	130	170	ug/Kg
108-95-2	Phenol	1700		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1800		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1600		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1900		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	2000		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	550		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	PB159958BS	SDG No.:	BG040424
Lab Sample ID:	PB159958BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060774.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1900		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1300		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1900		81	130	170	ug/Kg
Total PAH	Total PAH	25700		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	6400	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	4400	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	2100		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1300		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	PB159958BS	SDG No.:	BG040424
Lab Sample ID:	PB159958BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060774.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3500	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	820		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	151.32		18-112		101	SPK: -150
13127-88-3	Phenol-d6	140.491		15-107		94	SPK: -150
4165-60-0	Nitrobenzene-d5	103.963		18-107		104	SPK: -100
321-60-8	2-Fluorobiphenyl	87.135		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	PB159958BS	SDG No.:	BG040424
Lab Sample ID:	PB159958BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060774.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	189.282	*	10-110		126	SPK: -150
1718-51-0	Terphenyl-d14	84.114		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58315	7.958				
1146-65-2	Naphthalene-d8	260730	10.761				
15067-26-2	Acenaphthene-d10	204940	14.591				
1517-22-2	Phenanthrene-d10	549065	17.335				
1719-03-5	Chrysene-d12	508116	21.607				
1520-96-3	Perylene-d12	540972	24.75				

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060775.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94.4	U	94.4	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.9	U	97.9	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.9	U	98.9	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.6	U	98.6	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.9	U	99.9	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	98	U	98	320	390	ug/Kg
95-48-7	2-Methylphenol	95.2	U	95.2	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	94.2	U	94.2	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.6	U	47.6	94.5	94.5	ug/Kg
67-72-1	Hexachloroethane	98	U	98	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.9	U	99.9	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	89.2	U	89.2	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	97.6	U	97.6	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.6	U	97.6	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.4	U	98.4	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060775.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.5	U	91.5	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	97.4	U	97.4	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.3	U	84.3	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.4	U	87.4	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98.4	U	98.4	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96.5	U	96.5	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.3	U	98.3	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	95.8	U	95.8	150	200	ug/Kg
Total PAH	Total PAH	1562.1	U	1562.1	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	99.7	U	99.7	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.3	U	198.3	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	94.6	U	94.6	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96.4	U	96.4	150	200	ug/Kg
103-33-3	Azobenzene	94	U	94	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	93.2	U	93.2	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060775.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.3	U	91.3	320	390	ug/Kg
85-01-8	Phenanthrene	99.2	U	99.2	150	200	ug/Kg
120-12-7	Anthracene	99.7	U	99.7	150	200	ug/Kg
86-74-8	Carbazole	94.8	U	94.8	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.6	U	99.6	150	200	ug/Kg
206-44-0	Fluoranthene	96.5	U	96.5	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	98	U	98	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	95.3	U	95.3	150	200	ug/Kg
218-01-9	Chrysene	93.9	U	93.9	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	95.8	U	95.8	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.6	U	97.6	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92.2	U	92.2	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.9	U	95.9	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.6	U	94.6	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	88.2	U	88.2	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	98.3	U	98.3	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.951		18-112		75	SPK: -150
13127-88-3	Phenol-d6	97.652		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	82.028		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	49.329		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060775.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.199		10-110		90	SPK: -150
1718-51-0	Terphenyl-d14	56.903		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63181	7.955				
1146-65-2	Naphthalene-d8	249399	10.752				
15067-26-2	Acenaphthene-d10	183734	14.582				
1517-22-2	Phenanthrene-d10	427523	17.332				
1719-03-5	Chrysene-d12	408877	21.592				
1520-96-3	Perylene-d12	491772	24.741				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			3.178	
000057-55-6	Propylene Glycol	230	J			3.689	
015869-94-0	Octane, 3,6-dimethyl-	240	J			11.797	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	220	J			14.089	
006975-98-0	Decane, 2-methyl-	260	J			15.869	
031295-56-4	Dodecane, 2,6,11-trimethyl-	520	J			16.351	
000593-49-7	Heptacosane	260	J			17.174	
000057-10-3	n-Hexadecanoic acid	450	J			18.243	
001002-43-3	Undecane, 3-methyl-	240	J			19.154	
000057-11-4	Octadecanoic acid	220	J			19.518	
055124-79-3	Heptadecane, 9-hexyl-	1000	J			20.728	
001599-67-3	1-Docosene	270	J			21.281	
000630-04-6	Hentriacontane	1100	J			21.433	
000629-97-0	Docosane	940	J			22.209	
025117-29-7	4-Methylheneicosane	900	J			23.084	
000629-94-7	Heneicosane	650	J			24.095	
000107-52-8	Hexasiloxane, tetradecamethyl-	260	J			24.465	
000629-62-9	Pentadecane	440	J			25.276	
000556-71-8	Cyclononasiloxane, octadecamethyl-	320	J			25.799	

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060775.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000630-06-8	Hexatriacontane	350	J			26.674	

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMS	SDG No.:	BG040424
Lab Sample ID:	P1952-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060776.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2000		100	320	390	ug/Kg
110-86-1	Pyridine	1600		94.5	150	200	ug/Kg
100-52-7	Benzaldehyde	280	J	220	320	390	ug/Kg
62-53-3	Aniline	760		110	150	200	ug/Kg
108-95-2	Phenol	1700		98	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		99	150	200	ug/Kg
95-57-8	2-Chlorophenol	1700		98.7	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		100	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	1700		100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	1600		98.1	320	390	ug/Kg
95-48-7	2-Methylphenol	1500		95.3	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		110	150	200	ug/Kg
98-86-2	Acetophenone	1700		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	1500		94.3	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.6	94.6	94.6	ug/Kg
67-72-1	Hexachloroethane	1800		98.1	150	200	ug/Kg
98-95-3	Nitrobenzene	1800		110	150	200	ug/Kg
78-59-1	Isophorone	1600		100	150	200	ug/Kg
88-75-5	2-Nitrophenol	2200		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		89.3	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1800		100	150	200	ug/Kg
65-85-0	Benzoic acid	2100		280	320	390	ug/Kg
91-20-3	Naphthalene	1700		97.7	150	200	ug/Kg
106-47-8	4-Chloroaniline	550		97.7	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	1900		98.5	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMS	SDG No.:	BG040424
Lab Sample ID:	P1952-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060776.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		91.6	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	1600		97.5	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4000	E	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		84.4	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		87.5	150	200	ug/Kg
92-52-4	1,1-Biphenyl	1700		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	1700		98.5	150	200	ug/Kg
88-74-4	2-Nitroaniline	2000		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	1600		96.6	150	200	ug/Kg
208-96-8	Acenaphthylene	1700		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		98.4	150	200	ug/Kg
99-09-2	3-Nitroaniline	990		110	150	200	ug/Kg
83-32-9	Acenaphthene	1900		95.9	150	200	ug/Kg
Total PAH	Total PAH	27600		1563.4	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	5900	E	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	4400	E	140	320	390	ug/Kg
132-64-9	Dibenzofuran	1600		99.8	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		198.4	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		100	150	200	ug/Kg
84-66-2	Diethylphthalate	1600		94.7	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		100	150	200	ug/Kg
86-73-7	Fluorene	1600		100	150	200	ug/Kg
100-01-6	4-Nitroaniline	1900		130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		96.5	150	200	ug/Kg
103-33-3	Azobenzene	1600		94.1	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		93.3	150	200	ug/Kg
118-74-1	Hexachlorobenzene	1900		100	150	200	ug/Kg
1912-24-9	Atrazine	1900		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMS	SDG No.:	BG040424
Lab Sample ID:	P1952-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060776.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4000	E	91.4	320	390	ug/Kg
85-01-8	Phenanthrene	1700		99.3	150	200	ug/Kg
120-12-7	Anthracene	1700		99.8	150	200	ug/Kg
86-74-8	Carbazole	1800		94.9	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	1700		99.7	150	200	ug/Kg
206-44-0	Fluoranthene	1800		96.6	150	200	ug/Kg
92-87-5	Benzidine	1800		190	320	390	ug/Kg
129-00-0	Pyrene	1700		98.1	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	1800		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	1700		95.4	150	200	ug/Kg
218-01-9	Chrysene	1700		94	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		95.9	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		97.7	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	1700		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		92.3	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		96	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		94.7	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1800		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		88.3	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1600		98.4	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.093		18-112		64	SPK: -150
13127-88-3	Phenol-d6	89.066		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	71.548		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	42.909		20-109		43	SPK: -100

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMS	SDG No.:	BG040424
Lab Sample ID:	P1952-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060776.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.027		10-110		78	SPK: -150
1718-51-0	Terphenyl-d14	48.936		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62422	7.953				
1146-65-2	Naphthalene-d8	248414	10.755				
15067-26-2	Acenaphthene-d10	185966	14.586				
1517-22-2	Phenanthrene-d10	425397	17.336				
1719-03-5	Chrysene-d12	431781	21.601				
1520-96-3	Perylene-d12	515717	24.745				



Client:			Date Collected:	4/2/2024 12:00:00 AM	
Project:			Date Received:	4/2/2024 12:00:00 AM	
Client Sample ID:	WC-A-COMPMSD		SDG No.:	BG040424	
Lab Sample ID:	P1952-01MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	15.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060777.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2100		100	320	390	ug/Kg
110-86-1	Pyridine	1600		94.4	150	200	ug/Kg
100-52-7	Benzaldehyde	310	J	220	320	390	ug/Kg
62-53-3	Aniline	790		110	150	200	ug/Kg
108-95-2	Phenol	1900		97.9	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		98.9	150	200	ug/Kg
95-57-8	2-Chlorophenol	1900		98.7	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		100	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	1900		100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	1700		98.1	320	390	ug/Kg
95-48-7	2-Methylphenol	1600		95.2	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		110	150	200	ug/Kg
98-86-2	Acetophenone	1800		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	1600		94.3	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.6	94.5	94.5	ug/Kg
67-72-1	Hexachloroethane	1900		98.1	150	200	ug/Kg
98-95-3	Nitrobenzene	1900		110	150	200	ug/Kg
78-59-1	Isophorone	1700		100	150	200	ug/Kg
88-75-5	2-Nitrophenol	2300		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		89.2	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		100	150	200	ug/Kg
65-85-0	Benzoic acid	2200		280	320	390	ug/Kg
91-20-3	Naphthalene	1800		97.6	150	200	ug/Kg
106-47-8	4-Chloroaniline	520		97.6	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	2000		98.4	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMSD	SDG No.:	BG040424
Lab Sample ID:	P1952-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060777.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		91.6	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	1700		97.5	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4200	E	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		84.4	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		87.4	150	200	ug/Kg
92-52-4	1,1-Biphenyl	1800		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	1800		98.4	150	200	ug/Kg
88-74-4	2-Nitroaniline	2100		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	1700		96.5	150	200	ug/Kg
208-96-8	Acenaphthylene	1900		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		98.3	150	200	ug/Kg
99-09-2	3-Nitroaniline	1000		110	150	200	ug/Kg
83-32-9	Acenaphthene	2000		95.8	150	200	ug/Kg
Total PAH	Total PAH	29500		1562.3	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	6500	E	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	4600	E	140	320	390	ug/Kg
132-64-9	Dibenzofuran	1800		99.7	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4200		198.3	150	400	ug/Kg
84-66-2	Diethylphthalate	1700		94.6	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		100	150	200	ug/Kg
86-73-7	Fluorene	1800		100	150	200	ug/Kg
100-01-6	4-Nitroaniline	2100		130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		96.4	150	200	ug/Kg
103-33-3	Azobenzene	1700		94	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		93.2	150	200	ug/Kg
118-74-1	Hexachlorobenzene	1900		100	150	200	ug/Kg
1912-24-9	Atrazine	2000		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMSD	SDG No.:	BG040424
Lab Sample ID:	P1952-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060777.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4300	E	91.3	320	390	ug/Kg
85-01-8	Phenanthrene	1800		99.2	150	200	ug/Kg
120-12-7	Anthracene	1800		99.7	150	200	ug/Kg
86-74-8	Carbazole	1900		94.9	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	1800		99.6	150	200	ug/Kg
206-44-0	Fluoranthene	1900		96.5	150	200	ug/Kg
92-87-5	Benzidine	1900		190	320	390	ug/Kg
129-00-0	Pyrene	1800		98.1	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	1900		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	1900		95.3	150	200	ug/Kg
218-01-9	Chrysene	1800		93.9	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		95.8	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		97.6	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	1800		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		92.3	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		95.9	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		94.6	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1800		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		88.3	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1700		98.3	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.216		18-112		69	SPK: -150
13127-88-3	Phenol-d6	95.673		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	75.676		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	46.19		20-109		46	SPK: -100

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMSD	SDG No.:	BG040424
Lab Sample ID:	P1952-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060777.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.941		10-110		83	SPK: -150
1718-51-0	Terphenyl-d14	52.443		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59783	7.955				
1146-65-2	Naphthalene-d8	240016	10.752				
15067-26-2	Acenaphthene-d10	180621	14.589				
1517-22-2	Phenanthrene-d10	417364	17.333				
1719-03-5	Chrysene-d12	417031	21.604				
1520-96-3	Perylene-d12	500647	24.747				

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060778.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	93.1	U	93.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.6	U	96.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.6	U	97.6	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.3	U	97.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.6	U	98.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.8	U	96.8	310	380	ug/Kg
95-48-7	2-Methylphenol	94	U	94	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93	U	93	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47	U	47	93.3	93.3	ug/Kg
67-72-1	Hexachloroethane	96.8	U	96.8	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.6	U	98.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88	U	88	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.6	U	99.6	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	310	380	ug/Kg
91-20-3	Naphthalene	96.3	U	96.3	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.3	U	96.3	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.1	U	97.1	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060778.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.3	U	90.3	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.2	U	96.2	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.2	U	83.2	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.3	U	86.3	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.1	U	97.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.2	U	95.2	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97	U	97	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.5	U	94.5	150	200	ug/Kg
Total PAH	Total PAH	1545.5	U	1545.5	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	310	380	ug/Kg
132-64-9	Dibenzofuran	98.4	U	98.4	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97	U	197	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.4	U	93.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.8	U	99.8	150	200	ug/Kg
86-73-7	Fluorene	99.7	U	99.7	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.1	U	95.1	150	200	ug/Kg
103-33-3	Azobenzene	92.8	U	92.8	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92	U	92	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.1	U	99.1	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060778.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.1	U	90.1	310	380	ug/Kg
85-01-8	Phenanthrene	97.9	U	97.9	150	200	ug/Kg
120-12-7	Anthracene	98.4	U	98.4	150	200	ug/Kg
86-74-8	Carbazole	93.6	U	93.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.3	U	98.3	150	200	ug/Kg
206-44-0	Fluoranthene	95.2	U	95.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	96.8	U	96.8	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	94.1	U	94.1	150	200	ug/Kg
218-01-9	Chrysene	92.7	U	92.7	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	94.5	U	94.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.3	U	96.3	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91	U	91	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.7	U	94.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.4	U	93.4	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.1	U	87.1	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97	U	97	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.962		18-112		59	SPK: -150
13127-88-3	Phenol-d6	82.465		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	67.81		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	50.326		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060778.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.802		10-110		76	SPK: -150
1718-51-0	Terphenyl-d14	49.916		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66245	7.958				
1146-65-2	Naphthalene-d8	257179	10.755				
15067-26-2	Acenaphthene-d10	190140	14.586				
1517-22-2	Phenanthrene-d10	456720	17.33				
1719-03-5	Chrysene-d12	450393	21.595				
1520-96-3	Perylene-d12	530257	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			3.181	
	unknown3.693	200	J			3.693	
000057-10-3	n-Hexadecanoic acid	210	J			18.24	
000057-11-4	Octadecanoic acid	95.2	J			19.521	
001599-67-3	1-Docosene	180	J			21.278	

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-C-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060779.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.6	U	99.6	310	380	ug/Kg
110-86-1	Pyridine	91.7	U	91.7	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	95.1	U	95.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96.1	U	96.1	150	200	ug/Kg
95-57-8	2-Chlorophenol	95.8	U	95.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.1	U	97.1	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.7	U	98.7	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	99.3	U	99.3	150	200	ug/Kg
100-51-6	Benzyl Alcohol	95.3	U	95.3	310	380	ug/Kg
95-48-7	2-Methylphenol	92.5	U	92.5	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	200	ug/Kg
98-86-2	Acetophenone	99.7	U	99.7	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	91.6	U	91.6	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.3	U	46.3	91.8	91.8	ug/Kg
67-72-1	Hexachloroethane	95.3	U	95.3	150	200	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	200	ug/Kg
78-59-1	Isophorone	97.1	U	97.1	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	98.5	U	98.5	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	86.7	U	86.7	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	98	U	98	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	94.8	U	94.8	150	200	ug/Kg
106-47-8	4-Chloroaniline	94.8	U	94.8	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	95.6	U	95.6	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-C-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060779.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99.6	U	99.6	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.9	U	88.9	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	94.7	U	94.7	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.9	U	81.9	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.9	U	84.9	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	95.6	U	95.6	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	93.8	U	93.8	150	200	ug/Kg
208-96-8	Acenaphthylene	99.3	U	99.3	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.5	U	95.5	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	93.1	U	93.1	150	200	ug/Kg
Total PAH	Total PAH	1524.1	U	1524.1	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	96.9	U	96.9	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.9	U	98.9	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	94.4	U	194.4	150	400	ug/Kg
84-66-2	Diethylphthalate	91.9	U	91.9	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98.2	U	98.2	150	200	ug/Kg
86-73-7	Fluorene	98.1	U	98.1	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.7	U	93.7	150	200	ug/Kg
103-33-3	Azobenzene	91.4	U	91.4	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90.6	U	90.6	150	200	ug/Kg
118-74-1	Hexachlorobenzene	97.6	U	97.6	150	200	ug/Kg
1912-24-9	Atrazine	100	U	100	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-C-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060779.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.7	U	88.7	310	380	ug/Kg
85-01-8	Phenanthrene	96.4	U	96.4	150	200	ug/Kg
120-12-7	Anthracene	96.9	U	96.9	150	200	ug/Kg
86-74-8	Carbazole	92.2	U	92.2	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	96.8	U	96.8	150	200	ug/Kg
206-44-0	Fluoranthene	93.8	U	93.8	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	95.3	U	95.3	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	92.6	U	92.6	150	200	ug/Kg
218-01-9	Chrysene	91.2	U	91.2	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	93.1	U	93.1	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	94.8	U	94.8	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89.6	U	89.6	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93.2	U	93.2	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91.9	U	91.9	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.6	U	99.6	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85.7	U	85.7	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	95.5	U	95.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	63.115		18-112		42	SPK: -150
13127-88-3	Phenol-d6	58.95		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	47.314		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	34.526		20-109		35	SPK: -100

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-C-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060779.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.941		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	35.049		14-112		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69735	7.955				
1146-65-2	Naphthalene-d8	270030	10.752				
15067-26-2	Acenaphthene-d10	196303	14.583				
1517-22-2	Phenanthrene-d10	447697	17.332				
1719-03-5	Chrysene-d12	452970	21.598				
1520-96-3	Perylene-d12	543080	24.741				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			3.178	
004254-15-3	(S)-(+)-1,2-Propanediol	150	J			3.69	
	unknown9.283	110	J			9.283	
002114-42-3	Cyclohexane, 2-propenyl-	150	J			11.469	
002051-30-1	Octane, 2,6-dimethyl-	370	J			11.798	
074645-98-0	Dodecane, 2,7,10-trimethyl-	240	J			13.143	
054832-83-6	1H-Indene, octahydro-2,2,4,4,7,7-h	230	J			14.019	
000544-76-3	Hexadecane	360	J			14.089	
	unknown14.430	220	J			14.43	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	120	J			15.065	
	unknown15.129	140	J			15.129	
000941-81-1	4,6,8-Trimethylazulene	120	J			15.211	
107770-99-0	3,5-Dimethyldodecane	350	J			15.864	
031295-56-4	Dodecane, 2,6,11-trimethyl-	660	J			16.345	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	320	J			17.174	
000112-37-8	Undecanoic acid	110	J			18.243	
003322-62-1	9-Octadecenamide	520	J			20.658	
000301-02-0	9-Octadecenamide, (Z)-	520	J			20.676	
018435-45-5	1-Nonadecene	110	J			21.281	

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-C-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060779.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-54-9	Hexadecanamide	390	J			23.108	



Client:			Date Collected:	4/2/2024 12:00:00 AM	
Project:			Date Received:	4/2/2024 12:00:00 AM	
Client Sample ID:	WC-D-COMP		SDG No.:	BG040424	
Lab Sample ID:	P1952-10		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	19.9	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060780.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.7	U	99.7	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.6	U	99.6	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.3	U	50.3	99.8	99.8	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94.2	U	94.2	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-D-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060780.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.7	U	96.7	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.1	U	89.1	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.3	U	92.3	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1646.5	U	1646.5	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	99.9	U	99.9	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	99.3	U	99.3	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98.4	U	98.4	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-D-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060780.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.4	U	96.4	340	410	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	99.2	U	99.2	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97.4	U	97.4	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99.9	U	99.9	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93.2	U	93.2	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.559		18-112		69	SPK: -150
13127-88-3	Phenol-d6	91.091		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	76.388		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	59.422		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-D-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.9
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060780.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.896		10-110		84	SPK: -150
1718-51-0	Terphenyl-d14	58.028		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61570	7.954				
1146-65-2	Naphthalene-d8	231852	10.751				
15067-26-2	Acenaphthene-d10	171359	14.582				
1517-22-2	Phenanthrene-d10	420328	17.331				
1719-03-5	Chrysene-d12	435068	21.591				
1520-96-3	Perylene-d12	520520	24.735				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.177	
000057-55-6	Propylene Glycol	140	J			3.689	
020959-33-5	Heptadecane, 7-methyl-	220	J			11.797	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	190	J			13.142	
	unknown13.747	95.6	J			13.747	
	unknown14.018	87.7	J			14.018	
018344-37-1	Heptadecane, 2,6,10,14-tetramethyl	270	J			14.088	
313253-65-5	2-Pentanone, 4-cyclohexylidene-3,3	110	J			14.429	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	95.6	J			15.063	
	unknown15.128	110	J			15.128	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	120	J			15.21	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	87.7	J			15.257	
000941-81-1	4,6,8-Trimethylazulene	86.1	J			15.381	
002489-86-3	Naphthalene, 1-(2-propenyl)-	97.3	J			15.757	
000504-44-9	Hexadecane, 2,6,11,15-tetramethyl-	330	J			15.863	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	390	J			16.35	
000112-95-8	Eicosane	250	J			17.173	
000057-10-3	n-Hexadecanoic acid	220	J			18.242	
000297-03-0	Cyclotetracosane	260	J			21.28	

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	WC-D-COMP	SDG No.:	BG040424
Lab Sample ID:	P1952-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.9
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060780.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:				Date Collected:	4/3/2024 12:00:00 AM		
Project:				Date Received:	4/3/2024 12:00:00 AM		
Client Sample ID:	SOIL-1			SDG No.:	BG040424		
Lab Sample ID:	P1974-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	13.5		
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060781.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.1	U	60.1	190	230	ug/Kg
110-86-1	Pyridine	55.3	U	55.3	90	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.1	U	67.1	90	120	ug/Kg
108-95-2	Phenol	57.4	U	57.4	90	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58	U	58	90	120	ug/Kg
95-57-8	2-Chlorophenol	57.8	U	57.8	90	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.6	U	58.6	90	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.6	U	59.6	90	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.9	U	59.9	90	120	ug/Kg
100-51-6	Benzyl Alcohol	57.5	U	57.5	190	230	ug/Kg
95-48-7	2-Methylphenol	55.8	U	55.8	90	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	90	120	ug/Kg
98-86-2	Acetophenone	60.2	U	60.2	90	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.3	U	55.3	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.9	U	27.9	55.4	55.4	ug/Kg
67-72-1	Hexachloroethane	57.5	U	57.5	90	120	ug/Kg
98-95-3	Nitrobenzene	62.9	U	62.9	90	120	ug/Kg
78-59-1	Isophorone	58.6	U	58.6	90	120	ug/Kg
88-75-5	2-Nitrophenol	65.4	U	65.4	90	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.5	U	64.5	90	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.4	U	59.4	90	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.3	U	52.3	90	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.1	U	59.1	90	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.2	U	57.2	90	120	ug/Kg
106-47-8	4-Chloroaniline	57.2	U	57.2	90	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.7	U	57.7	90	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BG040424
Lab Sample ID:	P1974-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060781.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.1	U	60.1	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.7	U	53.7	90	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.1	U	57.1	90	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.4	U	49.4	90	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.2	U	51.2	90	120	ug/Kg
92-52-4	1,1-Biphenyl	60.5	U	60.5	90	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.7	U	57.7	90	120	ug/Kg
88-74-4	2-Nitroaniline	65.8	U	65.8	90	120	ug/Kg
131-11-3	Dimethylphthalate	56.6	U	56.6	90	120	ug/Kg
208-96-8	Acenaphthylene	59.9	U	59.9	90	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.6	U	57.6	90	120	ug/Kg
99-09-2	3-Nitroaniline	61.8	U	61.8	90	120	ug/Kg
83-32-9	Acenaphthene	56.2	U	56.2	90	120	ug/Kg
Total PAH	Total PAH	917.8	U	917.8	90	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.3	U	80.3	190	230	ug/Kg
132-64-9	Dibenzofuran	58.4	U	58.4	90	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.7	U	59.7	90	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	117.3	U	117.3	90	240	ug/Kg
84-66-2	Diethylphthalate	55.5	U	55.5	90	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.3	U	59.3	90	120	ug/Kg
86-73-7	Fluorene	59.2	U	59.2	90	120	ug/Kg
100-01-6	4-Nitroaniline	74.1	U	74.1	90	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.5	U	56.5	90	120	ug/Kg
103-33-3	Azobenzene	55.1	U	55.1	90	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.6	U	54.6	90	120	ug/Kg
118-74-1	Hexachlorobenzene	58.9	U	58.9	90	120	ug/Kg
1912-24-9	Atrazine	63.3	U	63.3	90	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BG040424
Lab Sample ID:	P1974-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060781.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.5	U	53.5	190	230	ug/Kg
85-01-8	Phenanthrene	58.2	U	58.2	90	120	ug/Kg
120-12-7	Anthracene	58.4	U	58.4	90	120	ug/Kg
86-74-8	Carbazole	55.6	U	55.6	90	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.4	U	58.4	90	120	ug/Kg
206-44-0	Fluoranthene	56.6	U	56.6	90	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.5	U	57.5	90	120	ug/Kg
85-68-7	Butylbenzylphthalate	67	U	67	90	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.3	U	68.3	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.9	U	55.9	90	120	ug/Kg
218-01-9	Chrysene	55.1	U	55.1	90	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63	U	63	90	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.2	U	76.2	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.2	U	56.2	90	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.2	U	57.2	90	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.4	U	64.4	90	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.1	U	54.1	90	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.2	U	56.2	90	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.5	U	55.5	90	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.1	U	60.1	90	120	ug/Kg
123-91-1	1,4-Dioxane	76.2	U	76.2	90	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.7	U	51.7	90	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.6	U	57.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.298		18-112		57	SPK: -150
13127-88-3	Phenol-d6	72.642		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	61.35		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	45.227		20-109		45	SPK: -100

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BG040424
Lab Sample ID:	P1974-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060781.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.211		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	46.306		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66774	7.958				
1146-65-2	Naphthalene-d8	252932	10.749				
15067-26-2	Acenaphthene-d10	188922	14.585				
1517-22-2	Phenanthrene-d10	466131	17.329				
1719-03-5	Chrysene-d12	461322	21.595				
1520-96-3	Perylene-d12	550025	24.738				
TENTATIVE IDENTIFIED COMPOUNDS							
000763-29-1	1-Pentene, 2-methyl-	55.9	J			3.099	
000994-05-8	Butane, 2-methoxy-2-methyl-	690	J			3.175	
004254-15-3	(S)-(+)-1,2-Propanediol	67.6	J			3.686	
000057-10-3	n-Hexadecanoic acid	89.3	J			18.24	
000297-03-0	Cyclotetracosane	91	J			21.278	

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	BG040424
Lab Sample ID:	P1974-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060782.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.9	U	58.9	180	220	ug/Kg
110-86-1	Pyridine	54.2	U	54.2	88.2	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.7	U	65.7	88.2	120	ug/Kg
108-95-2	Phenol	56.2	U	56.2	88.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.8	U	56.8	88.2	120	ug/Kg
95-57-8	2-Chlorophenol	56.6	U	56.6	88.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.4	U	57.4	88.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.3	U	58.3	88.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.7	U	58.7	88.2	120	ug/Kg
100-51-6	Benzyl Alcohol	56.3	U	56.3	180	220	ug/Kg
95-48-7	2-Methylphenol	54.7	U	54.7	88.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.6	U	61.6	88.2	120	ug/Kg
98-86-2	Acetophenone	58.9	U	58.9	88.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.1	U	54.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.3	54.3	ug/Kg
67-72-1	Hexachloroethane	56.3	U	56.3	88.2	120	ug/Kg
98-95-3	Nitrobenzene	61.6	U	61.6	88.2	120	ug/Kg
78-59-1	Isophorone	57.4	U	57.4	88.2	120	ug/Kg
88-75-5	2-Nitrophenol	64.1	U	64.1	88.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.2	U	63.2	88.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.2	U	58.2	88.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.2	U	51.2	88.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.9	U	57.9	88.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56	U	56	88.2	120	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	88.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.5	U	56.5	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	BG040424
Lab Sample ID:	P1974-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060782.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.9	U	58.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.6	U	52.6	88.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	88.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.4	U	48.4	88.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.2	U	50.2	88.2	120	ug/Kg
92-52-4	1,1-Biphenyl	59.3	U	59.3	88.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.5	U	56.5	88.2	120	ug/Kg
88-74-4	2-Nitroaniline	64.4	U	64.4	88.2	120	ug/Kg
131-11-3	Dimethylphthalate	55.4	U	55.4	88.2	120	ug/Kg
208-96-8	Acenaphthylene	58.7	U	58.7	88.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.4	U	56.4	88.2	120	ug/Kg
99-09-2	3-Nitroaniline	60.5	U	60.5	88.2	120	ug/Kg
83-32-9	Acenaphthene	55	U	55	88.2	120	ug/Kg
Total PAH	Total PAH	898.7	U	898.7	88.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.7	U	78.7	180	220	ug/Kg
132-64-9	Dibenzofuran	57.2	U	57.2	88.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.9	U	114.9	88.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.5	U	58.5	88.2	120	ug/Kg
84-66-2	Diethylphthalate	54.3	U	54.3	88.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.1	U	58.1	88.2	120	ug/Kg
86-73-7	Fluorene	58	U	58	88.2	120	ug/Kg
100-01-6	4-Nitroaniline	72.6	U	72.6	88.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.3	U	79.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.3	U	55.3	88.2	120	ug/Kg
103-33-3	Azobenzene	54	U	54	88.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.5	U	53.5	88.2	120	ug/Kg
118-74-1	Hexachlorobenzene	57.6	U	57.6	88.2	120	ug/Kg
1912-24-9	Atrazine	62	U	62	88.2	120	ug/Kg

Report of Analysis

Client:				Date Collected:	4/3/2024 12:00:00 AM		
Project:				Date Received:	4/3/2024 12:00:00 AM		
Client Sample ID:	SOIL-2			SDG No.:	BG040424		
Lab Sample ID:	P1974-04			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	11.6		
Sample Wt/Vol:	50.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060782.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.4	U	52.4	180	220	ug/Kg
85-01-8	Phenanthrene	57	U	57	88.2	120	ug/Kg
120-12-7	Anthracene	57.2	U	57.2	88.2	120	ug/Kg
86-74-8	Carbazole	54.5	U	54.5	88.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.2	U	57.2	88.2	120	ug/Kg
206-44-0	Fluoranthene	57.4	J	55.4	88.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.3	U	56.3	88.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.6	U	65.6	88.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.9	U	66.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.7	U	54.7	88.2	120	ug/Kg
218-01-9	Chrysene	53.9	U	53.9	88.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.7	U	61.7	88.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.6	U	74.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	88.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	88.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.1	U	63.1	88.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	88.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.1	U	55.1	88.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.3	U	54.3	88.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.9	U	58.9	88.2	120	ug/Kg
123-91-1	1,4-Dioxane	74.6	U	74.6	88.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.7	U	50.7	88.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.4	U	56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.647		18-112		60	SPK: -150
13127-88-3	Phenol-d6	75.68		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	63.499		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	42.329		20-109		42	SPK: -100

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	BG040424
Lab Sample ID:	P1974-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060782.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.936		10-110		69	SPK: -150
1718-51-0	Terphenyl-d14	44.177		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66202	7.952				
1146-65-2	Naphthalene-d8	254552	10.749				
15067-26-2	Acenaphthene-d10	194746	14.58				
1517-22-2	Phenanthrene-d10	470411	17.329				
1719-03-5	Chrysene-d12	468393	21.595				
1520-96-3	Perylene-d12	554010	24.738				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	740	J			3.175	
	unknown3.692	57.9	J			3.692	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	75.1	A			5.073	
000638-53-9	Tridecanoic acid	76	J			18.24	
001599-67-3	1-Docosene	97.9	J			21.278	

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224	SDG No.:	BG040424
Lab Sample ID:	P1957-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060783.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224	SDG No.:	BG040424
Lab Sample ID:	P1957-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060783.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224	SDG No.:	BG040424
Lab Sample ID:	P1957-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060783.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.233		10-139		78	SPK: -150
13127-88-3	Phenol-d6	91.439		10-134		61	SPK: -150
4165-60-0	Nitrobenzene-d5	96.491		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	76.78		52-132		77	SPK: -100

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	NM-DRUMS-040224	SDG No.:	BG040424
Lab Sample ID:	P1957-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060783.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	162.301		32-145		108	SPK: -150
1718-51-0	Terphenyl-d14	73.104		36-145		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55280	7.956				
1146-65-2	Naphthalene-d8	205806	10.752				
15067-26-2	Acenaphthene-d10	156224	14.583				
1517-22-2	Phenanthrene-d10	399000	17.333				
1719-03-5	Chrysene-d12	434058	21.593				
1520-96-3	Perylene-d12	518686	24.736				

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BG040424
Lab Sample ID:	P1974-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060784.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BG040424
Lab Sample ID:	P1974-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060784.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BG040424
Lab Sample ID:	P1974-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060784.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.217		10-139		87	SPK: -150
13127-88-3	Phenol-d6	102.958		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	108.669		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	88.215		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BG040424
Lab Sample ID:	P1974-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060784.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	186.092		32-145		124	SPK: -150
1718-51-0	Terphenyl-d14	86.648		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60242	7.955				
1146-65-2	Naphthalene-d8	228690	10.751				
15067-26-2	Acenaphthene-d10	168430	14.582				
1517-22-2	Phenanthrene-d10	436934	17.332				
1719-03-5	Chrysene-d12	464380	21.591				
1520-96-3	Perylene-d12	548291	24.735				

Report of Analysis

Client:				Date Collected:	4/3/2024 12:00:00 AM		
Project:				Date Received:	4/3/2024 12:00:00 AM		
Client Sample ID:	SOIL-3			SDG No.:	BG040424		
Lab Sample ID:	P1974-07			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	12.1		
Sample Wt/Vol:	50.07	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060785.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.2	U	59.2	180	220	ug/Kg
110-86-1	Pyridine	54.5	U	54.5	88.6	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	66.1	U	66.1	88.6	120	ug/Kg
108-95-2	Phenol	56.5	U	56.5	88.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.1	U	57.1	88.6	120	ug/Kg
95-57-8	2-Chlorophenol	56.9	U	56.9	88.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.7	U	57.7	88.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59	U	59	88.6	120	ug/Kg
100-51-6	Benzyl Alcohol	56.6	U	56.6	180	220	ug/Kg
95-48-7	2-Methylphenol	54.9	U	54.9	88.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	88.6	120	ug/Kg
98-86-2	Acetophenone	59.2	U	59.2	88.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.4	U	54.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.5	U	27.5	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	56.6	U	56.6	88.6	120	ug/Kg
98-95-3	Nitrobenzene	61.9	U	61.9	88.6	120	ug/Kg
78-59-1	Isophorone	57.7	U	57.7	88.6	120	ug/Kg
88-75-5	2-Nitrophenol	64.4	U	64.4	88.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.5	U	63.5	88.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.5	U	58.5	88.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.5	U	51.5	88.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.2	U	58.2	88.6	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.3	U	56.3	88.6	120	ug/Kg
106-47-8	4-Chloroaniline	56.3	U	56.3	88.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.8	U	56.8	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-3	SDG No.:	BG040424
Lab Sample ID:	P1974-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060785.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.2	U	59.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.2	U	56.2	88.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.7	U	48.7	88.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.4	U	50.4	88.6	120	ug/Kg
92-52-4	1,1-Biphenyl	59.6	U	59.6	88.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.8	U	56.8	88.6	120	ug/Kg
88-74-4	2-Nitroaniline	64.8	U	64.8	88.6	120	ug/Kg
131-11-3	Dimethylphthalate	55.7	U	55.7	88.6	120	ug/Kg
208-96-8	Acenaphthylene	59	U	59	88.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.7	U	56.7	88.6	120	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	88.6	120	ug/Kg
83-32-9	Acenaphthene	55.3	U	55.3	88.6	120	ug/Kg
Total PAH	Total PAH	903.3	U	903.3	88.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	79.1	U	79.1	180	220	ug/Kg
132-64-9	Dibenzofuran	57.5	U	57.5	88.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.8	U	58.8	88.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	115.5	U	115.5	88.6	240	ug/Kg
84-66-2	Diethylphthalate	54.6	U	54.6	88.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.3	U	58.3	88.6	120	ug/Kg
86-73-7	Fluorene	58.3	U	58.3	88.6	120	ug/Kg
100-01-6	4-Nitroaniline	72.9	U	72.9	88.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.8	U	79.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.6	120	ug/Kg
103-33-3	Azobenzene	54.3	U	54.3	88.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.8	U	53.8	88.6	120	ug/Kg
118-74-1	Hexachlorobenzene	57.9	U	57.9	88.6	120	ug/Kg
1912-24-9	Atrazine	62.3	U	62.3	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-3	SDG No.:	BG040424
Lab Sample ID:	P1974-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060785.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.7	U	52.7	180	220	ug/Kg
85-01-8	Phenanthrene	57.3	U	57.3	88.6	120	ug/Kg
120-12-7	Anthracene	57.5	U	57.5	88.6	120	ug/Kg
86-74-8	Carbazole	54.7	U	54.7	88.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.5	U	57.5	88.6	120	ug/Kg
206-44-0	Fluoranthene	55.7	U	55.7	88.6	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.6	U	56.6	88.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	66	88.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.2	U	67.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	88.6	120	ug/Kg
218-01-9	Chrysene	54.2	U	54.2	88.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	88.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.3	U	55.3	88.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.3	U	56.3	88.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.4	U	63.4	88.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.2	U	53.2	88.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.3	U	55.3	88.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.6	U	54.6	88.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.2	U	59.2	88.6	120	ug/Kg
123-91-1	1,4-Dioxane	75	U	75	88.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.9	U	50.9	88.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.7	U	56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.067		18-112		64	SPK: -150
13127-88-3	Phenol-d6	81.024		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	67.427		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	43.688		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SOIL-3	SDG No.:	BG040424
Lab Sample ID:	P1974-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060785.D	1	4/4/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB160000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.188		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	48.114		14-112		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73325	7.956				
1146-65-2	Naphthalene-d8	283237	10.752				
15067-26-2	Acenaphthene-d10	209323	14.583				
1517-22-2	Phenanthrene-d10	495232	17.327				
1719-03-5	Chrysene-d12	478852	21.593				
1520-96-3	Perylene-d12	571610	24.73				
TENTATIVE IDENTIFIED COMPOUNDS							
000763-29-1	1-Pentene, 2-methyl-	50.2	J			3.091	
000994-05-8	Butane, 2-methoxy-2-methyl-	640	J			3.179	
	unknown3.690	81.3	J			3.69	
000057-10-3	n-Hexadecanoic acid	74.1	J			18.238	
001599-67-3	1-Docosene	64.5	J			21.275	

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	RBR21145	SDG No.:	BG040424
Lab Sample ID:	P1954-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060786.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	75.1	U	75.1	230	290	ug/Kg
110-86-1	Pyridine	69.1	U	69.1	110	150	ug/Kg
100-52-7	Benzaldehyde	160	U	160	230	290	ug/Kg
62-53-3	Aniline	83.8	U	83.8	110	150	ug/Kg
108-95-2	Phenol	71.7	U	71.7	110	150	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	72.4	U	72.4	110	150	ug/Kg
95-57-8	2-Chlorophenol	72.2	U	72.2	110	150	ug/Kg
95-50-1	1,2-Dichlorobenzene	73.2	U	73.2	110	150	ug/Kg
541-73-1	1,3-Dichlorobenzene	74.4	U	74.4	110	150	ug/Kg
106-46-7	1,4-Dichlorobenzene	74.8	U	74.8	110	150	ug/Kg
100-51-6	Benzyl Alcohol	71.8	U	71.8	230	290	ug/Kg
95-48-7	2-Methylphenol	69.7	U	69.7	110	150	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	78.6	U	78.6	110	150	ug/Kg
98-86-2	Acetophenone	75.2	U	75.2	110	150	ug/Kg
65794-96-9	3+4-Methylphenols	69	U	69	230	290	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	34.9	U	34.9	69.2	69.2	ug/Kg
67-72-1	Hexachloroethane	71.8	U	71.8	110	150	ug/Kg
98-95-3	Nitrobenzene	78.5	U	78.5	110	150	ug/Kg
78-59-1	Isophorone	73.2	U	73.2	110	150	ug/Kg
88-75-5	2-Nitrophenol	81.7	U	81.7	110	150	ug/Kg
105-67-9	2,4-Dimethylphenol	80.6	U	80.6	110	150	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	74.2	U	74.2	110	150	ug/Kg
120-83-2	2,4-Dichlorophenol	65.3	U	65.3	110	150	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	73.9	U	73.9	110	150	ug/Kg
65-85-0	Benzoic acid	200	U	200	230	290	ug/Kg
91-20-3	Naphthalene	71.4	U	71.4	110	150	ug/Kg
106-47-8	4-Chloroaniline	71.4	U	71.4	110	150	ug/Kg
87-68-3	Hexachlorobutadiene	72	U	72	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	RBR21145	SDG No.:	BG040424
Lab Sample ID:	P1954-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060786.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	75.1	U	75.1	230	290	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	110	150	ug/Kg
91-57-6	2-Methylnaphthalene	71.4	U	71.4	110	150	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	230	290	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61.8	U	61.8	110	150	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	110	150	ug/Kg
92-52-4	1,1-Biphenyl	75.6	U	75.6	110	150	ug/Kg
91-58-7	2-Chloronaphthalene	72	U	72	110	150	ug/Kg
88-74-4	2-Nitroaniline	82.2	U	82.2	110	150	ug/Kg
131-11-3	Dimethylphthalate	70.7	U	70.7	110	150	ug/Kg
208-96-8	Acenaphthylene	74.8	U	74.8	110	150	ug/Kg
606-20-2	2,6-Dinitrotoluene	72	U	72	110	150	ug/Kg
99-09-2	3-Nitroaniline	77.2	U	77.2	110	150	ug/Kg
83-32-9	Acenaphthene	70.1	U	70.1	110	150	ug/Kg
Total PAH	Total PAH	1398.6	U	1146.1	110	2400	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	230	290	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	230	290	ug/Kg
132-64-9	Dibenzofuran	73	U	73	110	150	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	146.6	U	146.6	110	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	74.6	U	74.6	110	150	ug/Kg
84-66-2	Diethylphthalate	69.3	U	69.3	110	150	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	74	U	74	110	150	ug/Kg
86-73-7	Fluorene	74	U	74	110	150	ug/Kg
100-01-6	4-Nitroaniline	92.5	U	92.5	110	150	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	230	290	ug/Kg
86-30-6	n-Nitrosodiphenylamine	70.6	U	70.6	110	150	ug/Kg
103-33-3	Azobenzene	68.8	U	68.8	110	150	ug/Kg
101-55-3	4-Bromophenyl-phenylether	68.2	U	68.2	110	150	ug/Kg
118-74-1	Hexachlorobenzene	73.5	U	73.5	110	150	ug/Kg
1912-24-9	Atrazine	79.1	U	79.1	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	RBR21145	SDG No.:	BG040424
Lab Sample ID:	P1954-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060786.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	66.9	U	66.9	230	290	ug/Kg
85-01-8	Phenanthrene	400		72.7	110	150	ug/Kg
120-12-7	Anthracene	73	U	73	110	150	ug/Kg
86-74-8	Carbazole	69.5	U	69.5	110	150	ug/Kg
84-74-2	Di-n-butylphthalate	72.9	U	72.9	110	150	ug/Kg
206-44-0	Fluoranthene	410		70.7	110	150	ug/Kg
92-87-5	Benzidine	140	U	140	230	290	ug/Kg
129-00-0	Pyrene	270		71.8	110	150	ug/Kg
85-68-7	Butylbenzylphthalate	83.7	U	83.7	110	150	ug/Kg
91-94-1	3,3-Dichlorobenzidine	85.3	U	85.3	230	290	ug/Kg
56-55-3	Benzo(a)anthracene	78.6	J	69.8	110	150	ug/Kg
218-01-9	Chrysene	120	J	68.8	110	150	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	78.7	110	150	ug/Kg
117-84-0	Di-n-octyl phthalate	95.1	U	95.1	230	290	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	70.1	110	150	ug/Kg
207-08-9	Benzo(k)fluoranthene	71.4	U	71.4	110	150	ug/Kg
50-32-8	Benzo(a)pyrene	80.4	U	80.4	110	150	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	67.6	U	67.6	110	150	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70.2	U	70.2	110	150	ug/Kg
191-24-2	Benzo(g,h,i)perylene	69.3	U	69.3	110	150	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	75.1	U	75.1	110	150	ug/Kg
123-91-1	1,4-Dioxane	95.1	U	95.1	110	150	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64.6	U	64.6	110	150	ug/Kg
90-12-0	1-Methylnaphthalene	72	U	72	150	150	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.145		18-112		53	SPK: -150
13127-88-3	Phenol-d6	66.809		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	62.208		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	59.066		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	RBR21145	SDG No.:	BG040424
Lab Sample ID:	P1954-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060786.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159958

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.302		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	50.872		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93217	7.955				
1146-65-2	Naphthalene-d8	346714	10.752				
15067-26-2	Acenaphthene-d10	198062	14.6				
1517-22-2	Phenanthrene-d10	318915	17.385				
1719-03-5	Chrysene-d12	331429	21.633				
1520-96-3	Perylene-d12	454055	24.759				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	810	J			3.178	
005131-66-8	2-Propanol, 1-butoxy-	670	J			6.61	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	190	J			10.528	
000112-41-4	1-Dodecene	120	J			10.623	
001559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-	160	J			11.339	
1000111-72-8	trans,trans-1,8-Dimethylspiro[4.5]	190	J			11.533	
	unknown11.674	120	J			11.674	
	unknown11.809	350	J			11.809	
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	210	J			11.95	
	unknown12.503	390	J			12.503	
000092-51-3	1,1-Bicyclohexyl	200	J			12.561	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	330	J			12.673	
1000184-97-9	(1,4-Dimethylpent-2-enyl)benzene	150	J			13.878	
	unknown14.030	350	J			14.03	
	unknown14.113	180	J			14.113	
	unknown14.447	530	J			14.447	

Hit Summary Sheet SW-846

SDG No.: BG040424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-A-COMP								
P1952-01	WC-A-COMP	Solid	1-Docosene	*	270.000	J		
P1952-01	WC-A-COMP	Solid	4-Methylheneicosane	*	900.000	J		
P1952-01	WC-A-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P1952-01	WC-A-COMP	Solid	Carbonic acid, octadecyl prop-1-e	*	220.000	J		
P1952-01	WC-A-COMP	Solid	Cyclononasiloxane, octadecameth	*	320.000	J		
P1952-01	WC-A-COMP	Solid	Decane, 2-methyl-	*	260.000	J		
P1952-01	WC-A-COMP	Solid	Docosane	*	940.000	J		
P1952-01	WC-A-COMP	Solid	Dodecane, 2,6,11-trimethyl-	*	520.000	J		
P1952-01	WC-A-COMP	Solid	Heneicosane	*	650.000	J		
P1952-01	WC-A-COMP	Solid	Hentriacontane	*	1,100.000	J		
P1952-01	WC-A-COMP	Solid	Heptacosane	*	260.000	J		
P1952-01	WC-A-COMP	Solid	Heptadecane, 9-hexyl-	*	1,000.000	J		
P1952-01	WC-A-COMP	Solid	Hexasiloxane, tetradecamethyl-	*	260.000	J		
P1952-01	WC-A-COMP	Solid	Hexatriacontane	*	350.000	J		
P1952-01	WC-A-COMP	Solid	n-Hexadecanoic acid	*	450.000	J		
P1952-01	WC-A-COMP	Solid	Octadecanoic acid	*	220.000	J		
P1952-01	WC-A-COMP	Solid	Octane, 3,6-dimethyl-	*	240.000	J		
P1952-01	WC-A-COMP	Solid	Pentadecane	*	440.000	J		
P1952-01	WC-A-COMP	Solid	Propylene Glycol	*	230.000	J		
P1952-01	WC-A-COMP	Solid	Undecane, 3-methyl-	*	240.000	J		
Total Tics :					10,470.00			
Total Concentration:					10,470.00			
Client ID : WC-B-COMP								
P1952-04	WC-B-COMP	Solid	1-Docosene	*	180.000	J		
P1952-04	WC-B-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P1952-04	WC-B-COMP	Solid	n-Hexadecanoic acid	*	210.000	J		
P1952-04	WC-B-COMP	Solid	Octadecanoic acid	*	95.200	J		
P1952-04	WC-B-COMP	Solid	unknown3.693	*	200.000	J		
Total Tics :					2,085.20			
Total Concentration:					2,085.20			
Client ID : WC-C-COMP								
P1952-07	WC-C-COMP	Solid	(S)-(+)-1,2-Propanediol	*	150.000	J		
P1952-07	WC-C-COMP	Solid	1-Nonadecene	*	110.000	J		
P1952-07	WC-C-COMP	Solid	1H-Indene, octahydro-2,2,4,4,7,7-	*	230.000	J		
P1952-07	WC-C-COMP	Solid	3,5-Dimethyldodecane	*	350.000	J		
P1952-07	WC-C-COMP	Solid	4,6,8-Trimethylazulene	*	120.000	J		

Hit Summary Sheet SW-846

SDG No.: BG040424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1952-07	WC-C-COMP	Solid	9-Octadecenamide	*	520.000	J		
P1952-07	WC-C-COMP	Solid	9-Octadecenamide, (Z)-	*	520.000	J		
P1952-07	WC-C-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P1952-07	WC-C-COMP	Solid	Cyclohexane, 2-propenyl-	*	150.000	J		
P1952-07	WC-C-COMP	Solid	Dodecane, 2,6,11-trimethyl-	*	660.000	J		
P1952-07	WC-C-COMP	Solid	Dodecane, 2,7,10-trimethyl-	*	240.000	J		
P1952-07	WC-C-COMP	Solid	Heptadecane, 2,6,10,15-tetramethy	*	320.000	J		
P1952-07	WC-C-COMP	Solid	Hexadecanamide	*	390.000	J		
P1952-07	WC-C-COMP	Solid	Hexadecane	*	360.000	J		
P1952-07	WC-C-COMP	Solid	Naphthalene, 2,3,6-trimethyl-	*	120.000	J		
P1952-07	WC-C-COMP	Solid	Octane, 2,6-dimethyl-	*	370.000	J		
P1952-07	WC-C-COMP	Solid	Undecanoic acid	*	110.000	J		
P1952-07	WC-C-COMP	Solid	unknown14.430	*	220.000	J		
P1952-07	WC-C-COMP	Solid	unknown15.129	*	140.000	J		
P1952-07	WC-C-COMP	Solid	unknown9.283	*	110.000	J		

Total Tics :

6,190.00

Total Concentration:

6,190.00

Client ID : WC-D-COMP

P1952-10	WC-D-COMP	Solid	2-Pentanone, 4-cyclohexylidene-3	*	110.000	J		
P1952-10	WC-D-COMP	Solid	3-Ethyl-2,6,10-trimethylundecane	*	190.000	J		
P1952-10	WC-D-COMP	Solid	4,6,8-Trimethylazulene	*	86.100	J		
P1952-10	WC-D-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P1952-10	WC-D-COMP	Solid	Cyclotetracosane	*	260.000	J		
P1952-10	WC-D-COMP	Solid	Eicosane	*	250.000	J		
P1952-10	WC-D-COMP	Solid	Heptadecane, 2,6,10,14-tetramethy	*	270.000	J		
P1952-10	WC-D-COMP	Solid	Heptadecane, 7-methyl-	*	220.000	J		
P1952-10	WC-D-COMP	Solid	Hexadecane, 2,6,10,14-tetramethy	*	390.000	J		
P1952-10	WC-D-COMP	Solid	Hexadecane, 2,6,11,15-tetramethy	*	330.000	J		
P1952-10	WC-D-COMP	Solid	n-Hexadecanoic acid	*	220.000	J		
P1952-10	WC-D-COMP	Solid	Naphthalene, 1,4,6-trimethyl-	*	120.000	J		
P1952-10	WC-D-COMP	Solid	Naphthalene, 1,6,7-trimethyl-	*	95.600	J		
P1952-10	WC-D-COMP	Solid	Naphthalene, 1-(2-propenyl)-	*	97.300	J		
P1952-10	WC-D-COMP	Solid	Naphthalene, 2,3,6-trimethyl-	*	87.700	J		
P1952-10	WC-D-COMP	Solid	Propylene Glycol	*	140.000	J		
P1952-10	WC-D-COMP	Solid	unknown13.747	*	95.600	J		
P1952-10	WC-D-COMP	Solid	unknown14.018	*	87.700	J		
P1952-10	WC-D-COMP	Solid	unknown15.128	*	110.000	J		

Total Tics :

4,260.00

Total Concentration:

4,260.00

Hit Summary Sheet SW-846

SDG No.: BG040424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : RBR21145								
P1954-03	RBR21145	Solid	(1,4-Dimethylpent-2-enyl)benzene *	150.000	J			
P1954-03	RBR21145	Solid	1,1-Bicyclohexyl *	200.000	J			
P1954-03	RBR21145	Solid	1-Dodecene *	120.000	J			
P1954-03	RBR21145	Solid	2-Propanol, 1-butoxy- *	670.000	J			
P1954-03	RBR21145	Solid	Butane, 2-methoxy-2-methyl- *	810.000	J			
P1954-03	RBR21145	Solid	Ethanol, 2-(2-butoxyethoxy)- *	190.000	J			
P1954-03	RBR21145	Solid	Naphthalene, 1,2,3,4-tetrahydro-1. *	330.000	J			
P1954-03	RBR21145	Solid	Naphthalene, 1,2,3,4-tetrahydro-1. *	160.000	J			
P1954-03	RBR21145	Solid	Naphthalene, 1,2,3,4-tetrahydro-5. *	210.000	J			
P1954-03	RBR21145	Solid	trans,trans-1,8-Dimethylspiro[4.5] *	190.000	J			
P1954-03	RBR21145	Solid	unknown11.674 *	120.000	J			
P1954-03	RBR21145	Solid	unknown11.809 *	350.000	J			
P1954-03	RBR21145	Solid	unknown12.503 *	390.000	J			
P1954-03	RBR21145	Solid	unknown14.030 *	350.000	J			
P1954-03	RBR21145	Solid	unknown14.113 *	180.000	J			
P1954-03	RBR21145	Solid	unknown14.447 *	530.000	J			
Total Tics :				4,950.00				
P1954-03	RBR21145	Solid	Benzo(a)anthracene	78.600	J	69.8	150	ug/Kg
P1954-03	RBR21145	Solid	Benzo(b)fluoranthene	120.000	J	70.1	150	ug/Kg
P1954-03	RBR21145	Solid	Bis(2-ethylhexyl)phthalate	130.000	J	78.7	150	ug/Kg
P1954-03	RBR21145	Solid	Chrysene	120.000	J	68.8	150	ug/Kg
P1954-03	RBR21145	Solid	Fluoranthene	410.000		70.7	150	ug/Kg
P1954-03	RBR21145	Solid	Phenanthrene	400.000		72.7	150	ug/Kg
P1954-03	RBR21145	Solid	Pyrene	270.000		71.8	150	ug/Kg
Total Svoc :				1,528.60				
Total Concentration:				6,478.60				
Client ID : SOIL-1								
P1974-01	SOIL-1	Solid	(S)-(+)-1,2-Propanediol *	67.600	J			
P1974-01	SOIL-1	Solid	1-Pentene, 2-methyl- *	55.900	J			
P1974-01	SOIL-1	Solid	Butane, 2-methoxy-2-methyl- *	690.000	J			
P1974-01	SOIL-1	Solid	Cyclotetrasiloxane	91.000	J			
P1974-01	SOIL-1	Solid	n-Hexadecanoic acid *	89.300	J			
Total Tics :				993.80				
Total Concentration:				993.80				
Client ID : SOIL-2								
P1974-04	SOIL-2	Solid	1-Docosene *	97.900	J			
P1974-04	SOIL-2	Solid	2-Pentanone, 4-hydroxy-4-methyl *	75.100	A			
P1974-04	SOIL-2	Solid	Butane, 2-methoxy-2-methyl- *	740.000	J			
P1974-04	SOIL-2	Solid	Tridecanoic acid *	76.000	J			

Hit Summary Sheet SW-846

SDG No.: BG040424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1974-04	SOIL-2	Solid	unknown3.692	*	57.900	J		
			Total Tics :		1,046.90			
P1974-04	SOIL-2	Solid	Fluoranthene		57.400	J 55.4	120	ug/Kg
			Total Svoc :		57.40			
			Total Concentration:		1,104.30			
Client ID : SOIL-3								
P1974-07	SOIL-3	Solid	1-Docosene	*	64.500	J		
P1974-07	SOIL-3	Solid	1-Pentene, 2-methyl-	*	50.200	J		
P1974-07	SOIL-3	Solid	Butane, 2-methoxy-2-methyl-	*	640.000	J		
P1974-07	SOIL-3	Solid	n-Hexadecanoic acid	*	74.100	J		
P1974-07	SOIL-3	Solid	unknown3.690	*	81.300	J		
			Total Tics :		910.10			
			Total Concentration:		910.10			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.894	0.864	0.865	0.929	0.915	0.887	5.2
Pyridine		1.490	1.522	1.496	1.602	1.565	1.485	8.1
2-Fluorophenol		1.171	1.161	1.269	1.204	1.164	1.201	3.5
Benzaldehyde			1.121	1.113	0.947	0.875	0.983	12.9
Aniline		2.123	2.225	2.424	2.291	2.196	2.250	4.2
Phenol-d6		1.718	1.774	1.859	1.813	1.738	1.782	2.8
Phenol		1.712	1.798	1.902	1.875	1.764	1.819	3.8
bis(2-Chloroethyl)ether		1.477	1.480	1.546	1.467	1.414	1.468	2.8
2-Chlorophenol		1.265	1.350	1.428	1.376	1.348	1.361	4.0
1,2-Dichlorobenzene		1.455	1.406	1.516	1.396	1.323	1.415	4.2
1,3-Dichlorobenzene		1.527	1.396	1.447	1.391	1.357	1.415	4.0
1,4-Dichlorobenzene		1.474	1.476	1.484	1.421	1.390	1.444	2.7
Benzyl Alcohol		1.345	1.411	1.500	1.481	1.421	1.444	3.8
2-Methylphenol		1.285	1.361	1.457	1.386	1.325	1.373	4.2
2,2-oxybis(1-Chloropropane)		3.269	3.356	3.489	3.291	3.139	3.314	3.2
Acetophenone		0.539	0.534	0.597	0.540	0.545	0.551	4.4
3+4-Methylphenols		1.683	1.831	2.015	1.911	1.849	1.880	5.8
n-Nitroso-di-n-propylamine	1.345	1.260	1.367	1.452	1.377	1.318	1.359	4.2
Nitrobenzene-d5			0.270	0.331	0.341	0.371	0.350	13.6
Hexachloroethane		0.495	0.533	0.533	0.493	0.493	0.513	3.8
Nitrobenzene		0.253	0.304	0.348	0.363	0.386	0.352	16.1
Isophorone		0.765	0.787	0.853	0.804	0.813	0.807	3.8
2-Nitrophenol		0.079	0.083	0.111	0.124	0.137	0.120	25.1
2,4-Dimethylphenol		0.310	0.321	0.347	0.318	0.323	0.324	4.1
bis(2-Chloroethoxy)methane		0.469	0.467	0.496	0.469	0.482	0.477	2.5
2,4-Dichlorophenol		0.253	0.277	0.311	0.306	0.313	0.298	8.0
1,2,4-Trichlorobenzene		0.325	0.326	0.351	0.331	0.339	0.337	3.6
Benzoic acid			0.115	0.163	0.199	0.212	0.191	23.5
Naphthalene		1.074	1.091	1.136	1.077	1.065	1.082	2.9
4-Chloroaniline		0.487	0.493	0.528	0.508	0.502	0.503	2.9
Hexachlorobutadiene		0.213	0.223	0.234	0.218	0.226	0.225	3.6
Caprolactam		0.112	0.119	0.127	0.121	0.115	0.118	4.6
4-Chloro-3-methylphenol		0.370	0.365	0.394	0.392	0.377	0.380	3.1
2-Methylnaphthalene		0.808	0.811	0.828	0.783	0.772	0.795	3.5
Hexachlorocyclopentadiene		0.256	0.247	0.295	0.286	0.314	0.292	10.9
2,4,6-Trichlorophenol		0.302	0.338	0.381	0.372	0.398	0.370	10.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.383	1.377	1.463	1.316	1.359	1.363	4.1
2,4,5-Trichlorophenol		0.380	0.407	0.461	0.445	0.465	0.442	7.9
1,1-Biphenyl		1.417	1.415	1.496	1.364	1.405	1.413	3.0
2-Chloronaphthalene		1.036	1.062	1.133	1.045	1.083	1.073	3.0
2-Nitroaniline		0.201	0.231	0.289	0.323	0.356	0.307	22.9
Dimethylphthalate		1.570	1.576	1.696	1.565	1.570	1.581	3.6
Acenaphthylene		1.760	1.812	1.900	1.759	1.818	1.803	2.9
2,6-Dinitrotoluene		0.154	0.188	0.251	0.264	0.284	0.247	22.3
3-Nitroaniline		0.185	0.226	0.283	0.300	0.309	0.277	18.7
Acenaphthene		1.093	1.150	1.191	1.108	1.137	1.132	3.1
2,4-Dinitrophenol			0.092	0.099	0.108	0.118	0.110	14.8
4-Nitrophenol			0.180	0.218	0.236	0.244	0.231	12.4
Dibenzofuran		1.813	1.854	1.867	1.732	1.780	1.786	3.6
2,4-Dinitrotoluene		0.192	0.242	0.314	0.346	0.374	0.320	24.0
Diethylphthalate		1.622	1.665	1.690	1.557	1.558	1.590	4.5
4-Chlorophenyl-phenylether		0.794	0.789	0.798	0.738	0.742	0.758	4.7
Fluorene		1.482	1.514	1.521	1.412	1.398	1.433	5.3
4-Nitroaniline		0.214	0.255	0.299	0.303	0.312	0.289	13.8
4,6-Dinitro-2-methylphenol			0.048	0.063	0.072	0.081	0.073	21.8
n-Nitrosodiphenylamine		0.539	0.564	0.586	0.568	0.587	0.572	3.1
Azobenzene		1.516	1.599	1.667	1.536	1.532	1.550	4.1
2,4,6-Tribromophenol		0.187	0.214	0.243	0.226	0.236	0.227	9.2
4-Bromophenyl-phenylether		0.187	0.189	0.215	0.202	0.205	0.203	5.7
Hexachlorobenzene		0.222	0.219	0.239	0.225	0.233	0.229	3.4
Atrazine		0.195	0.209	0.213	0.200	0.197	0.200	4.4
Pentachlorophenol		0.108	0.133	0.155	0.152	0.164	0.150	14.9
Phenanthrene		1.052	1.057	1.109	1.010	1.030	1.040	3.9
Anthracene		1.060	1.060	1.128	1.030	1.050	1.056	3.7
Carbazole		0.957	0.949	0.999	0.906	0.919	0.931	4.5
Di-n-butylphthalate		1.134	1.187	1.258	1.153	1.154	1.161	4.5
Fluoranthene		1.343	1.329	1.337	1.216	1.228	1.262	5.8
Benzidine		0.498	0.492	0.525	0.596	0.534	0.527	6.5
Pyrene		1.411	1.408	1.525	1.368	1.366	1.399	4.5
Terphenyl-d14		1.221	1.230	1.271	1.104	1.073	1.136	9.3
Butylbenzylphthalate		0.422	0.460	0.539	0.520	0.542	0.510	9.8
3,3-Dichlorobenzidine		0.430	0.445	0.510	0.493	0.488	0.476	5.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.385	1.406	1.500	1.401	1.400	1.410	3.1
Chrysene		1.350	1.348	1.440	1.345	1.349	1.359	2.8
Bis(2-ethylhexyl)phthalate		0.705	0.769	0.866	0.836	0.847	0.813	7.0
Di-n-octyl phthalate		1.077	1.191	1.382	1.389	1.413	1.325	10.2
Benzo(b)fluoranthene		1.132	1.130	1.198	1.141	1.143	1.149	2.2
Benzo(k)fluoranthene		1.155	1.142	1.236	1.181	1.172	1.176	3.1
Benzo(a)pyrene		1.073	1.092	1.156	1.122	1.119	1.117	2.8
Indeno(1,2,3-cd)pyrene		1.303	1.361	1.463	1.393	1.461	1.408	4.3
Dibenzo(a,h)anthracene		1.092	1.144	1.234	1.173	1.235	1.187	4.7
Benzo(g,h,i)perylene		1.091	1.120	1.190	1.139	1.189	1.155	3.5
1,2,4,5-Tetrachlorobenzene		0.553	0.550	0.595	0.555	0.589	0.575	3.8
1,4-Dioxane		0.553	0.531	0.496	0.476	0.492	0.492	8.9
2,3,4,6-Tetrachlorophenol		0.325	0.373	0.396	0.400	0.404	0.385	7.4
1-Methylnaphthalene		0.770	0.762	0.806	0.727	0.732	0.751	4.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040424 SAS No.: BG040424 SDG NO.: BG040424

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 11:13

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	51170	7.961	236385	10.76	178236	14.59
UPPER LIMIT	102340	8.461	472770	11.258	356472	15.089
LOWER LIMIT	25585	7.461	118192.5	10.258	89118	14.089
EPA SAMPLE NO.						
01 PB159958BL	54748	7.96	227066	10.76	177969	14.59
02 PB159958BS	58315	7.96	260730	10.76	204940	14.59
03 WC-A-COMP	63181	7.96	249399	10.75	183734	14.58
04 WC-A-COMPMS	62422	7.95	248414	10.76	185966	14.59
05 WC-A-COMPMSD	59783	7.96	240016	10.75	180621	14.59
06 WC-B-COMP	66245	7.96	257179	10.76	190140	14.59
07 WC-C-COMP	69735	7.96	270030	10.75	196303	14.58
08 WC-D-COMP	61570	7.95	231852	10.75	171359	14.58
09 SOIL-1	66774	7.96	252932	10.75	188922	14.59
10 SOIL-2	66202	7.95	254552	10.75	194746	14.58
11 NM-DRUMS-040224	55280	7.96	205806	10.75	156224	14.58
12 SOIL-1	60242	7.96	228690	10.75	168430	14.58
13 SOIL-3	73325	7.96	283237	10.75	209323	14.58
14 RBR21145	93217	7.96	346714	10.75	198062	14.60

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040424 SAS No.: BG040424 SDG NO.: BG040424

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BG060772.D Time Analyzed: 11:13

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	56642	7.964	251082	10.76	201926	14.59
UPPER LIMIT	113284	8.464	502164	11.261	403852	15.092
LOWER LIMIT	28321	7.464	125541	10.261	100963	14.092
EPA SAMPLE NO.						
01 PB159958BL	54748	7.96	227066	10.76	177969	14.59
02 PB159958BS	58315	7.96	260730	10.76	204940	14.59
03 WC-A-COMP	63181	7.96	249399	10.75	183734	14.58
04 WC-A-COMPMS	62422	7.95	248414	10.76	185966	14.59
05 WC-A-COMPMSD	59783	7.96	240016	10.75	180621	14.59
06 WC-B-COMP	66245	7.96	257179	10.76	190140	14.59
07 WC-C-COMP	69735	7.96	270030	10.75	196303	14.58
08 WC-D-COMP	61570	7.95	231852	10.75	171359	14.58
09 SOIL-1	66774	7.96	252932	10.75	188922	14.59
10 SOIL-2	66202	7.95	254552	10.75	194746	14.58
11 NM-DRUMS-040224	55280	7.96	205806	10.75	156224	14.58
12 SOIL-1	60242	7.96	228690	10.75	168430	14.58
13 SOIL-3	73325	7.96	283237	10.75	209323	14.58
14 RBR21145	93217	7.96	346714	10.75	198062	14.60

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IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040424 SAS No.: BG040424 SDG NO.: BG040424

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 11:13

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	416987	17.339	381473	21.604	450367	24.748
	UPPER LIMIT	833974	17.839	762946	22.104	900734	25.248
	LOWER LIMIT	208493.5	16.839	190736.5	21.104	225183.5	24.248
	EPA SAMPLE NO.						
01	PB159958BL	522618	17.34	566802	21.60	635782	24.75
02	PB159958BS	549065	17.34	508116	21.61	540972	24.75
03	WC-A-COMP	427523	17.33	408877	21.59	491772	24.74
04	WC-A-COMPMS	425397	17.34	431781	21.60	515717	24.75
05	WC-A-COMPMSD	417364	17.33	417031	21.60	500647	24.75
06	WC-B-COMP	456720	17.33	450393	21.60	530257	24.74
07	WC-C-COMP	447697	17.33	452970	21.60	543080	24.74
08	WC-D-COMP	420328	17.33	435068	21.59	520520	24.74
09	SOIL-1	466131	17.33	461322	21.60	550025	24.74
10	SOIL-2	470411	17.33	468393	21.60	554010	24.74
11	NM-DRUMS-040224	399000	17.33	434058	21.59	518686	24.74
12	SOIL-1	436934	17.33	464380	21.59	548291	24.74
13	SOIL-3	495232	17.33	478852	21.59	571610	24.73
14	RBR21145	318915	17.39	331429	21.63	454055	24.76

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040424 SAS No.: BG040424 SDG NO.: BG040424

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BG060772.D Time Analyzed: 11:13

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	473558	17.336	425345	21.607	494801	24.756
UPPER LIMIT	947116	17.836	850690	22.107	989602	25.256
LOWER LIMIT	236779	16.836	212672.5	21.107	247400.5	24.256
EPA SAMPLE NO.						
01 PB159958BL	522618	17.34	566802	21.60	635782	24.75
02 PB159958BS	549065	17.34	508116	21.61	540972	24.75
03 WC-A-COMP	427523	17.33	408877	21.59	491772	24.74
04 WC-A-COMPMS	425397	17.34	431781	21.60	515717	24.75
05 WC-A-COMPMSD	417364	17.33	417031	21.60	500647	24.75
06 WC-B-COMP	456720	17.33	450393	21.60	530257	24.74
07 WC-C-COMP	447697	17.33	452970	21.60	543080	24.74
08 WC-D-COMP	420328	17.33	435068	21.59	520520	24.74
09 SOIL-1	466131	17.33	461322	21.60	550025	24.74
10 SOIL-2	470411	17.33	468393	21.60	554010	24.74
11 NM-DRUMS-040224	399000	17.33	434058	21.59	518686	24.74
12 SOIL-1	436934	17.33	464380	21.59	548291	24.74
13 SOIL-3	495232	17.33	478852	21.59	571610	24.73
14 RBR21145	318915	17.39	331429	21.63	454055	24.76

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IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG040424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB159958BS	n-Nitrosodimethylamine	1700	1800	ug/Kg	106		*		57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	0	ug/Kg	0		*		10	147	
	Aniline	1700	620	ug/Kg	36		*		38	100	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1800	ug/Kg	106				65	112	
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				51	102	
	1,3-Dichlorobenzene	1700	1600	ug/Kg	94				52	99	
	1,4-Dichlorobenzene	1700	1600	ug/Kg	94				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1900	ug/Kg	112		*		61	111	
	2,4-Dimethylphenol	1700	1400	ug/Kg	82				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	2000	ug/Kg	118				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	550	ug/Kg	32				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1800	ug/Kg	106				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	3200	ug/Kg	97				45	134	
	2,4,6-Trichlorophenol	1700	1900	ug/Kg	112		*		59	102	
	2,4,5-Trichlorophenol	1700	1800	ug/Kg	106		*		61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1900	ug/Kg	112		*		66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1800	ug/Kg	106		*		61	104	
	3-Nitroaniline	1700	1300	ug/Kg	76				28	100	
	Acenaphthene	1700	1900	ug/Kg	112		*		57	104	
	Total PAH	27200	25700	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	6400	ug/Kg	194		*		37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG040424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159958BS	4-Nitrophenol	3300	4400	ug/Kg	133		*		48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	2100	ug/Kg	124		*		60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3900	ug/Kg	115		*		60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	2100	ug/Kg	124		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	2100	ug/Kg	124		*		76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1300	ug/Kg	76				67	113	
	Pentachlorophenol	3300	3500	ug/Kg	106		*		67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	820	ug/Kg	25				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				63	111	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70	108	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	2000	ug/Kg	118		*		59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159958BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040424

SAS No.: BG040424 SDG NO.: BG040424

Lab File ID: BG060773.D

Lab Sample ID: PB159958BL

Instrument ID: BNA_G

Date Extracted: 04/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/04/2024

Level: (low/med) LOW

Time Analyzed: 11:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159958BS	PB159958BS	BG060774.D	04/04/2024
RBR21145	P1954-03	BG060786.D	04/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SOIL-3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040424

SAS No.: BG040424 SDG NO.: BG040424

Lab File ID: BG060785.D

Lab Sample ID: P1974-07

Instrument ID: BNA_G

Date Extracted: 04/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/04/2024

Level: (low/med) LOW

Time Analyzed: 19:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SOIL-3	P1974-07	BG060785.D	04/04/2024
WC-A-COMP	P1952-01	BG060775.D	04/04/2024
WC-A-COMPMS	P1952-01MS	BG060776.D	04/04/2024
WC-A-COMPMSD	P1952-01MSD	BG060777.D	04/04/2024
WC-B-COMP	P1952-04	BG060778.D	04/04/2024
WC-C-COMP	P1952-07	BG060779.D	04/04/2024
WC-D-COMP	P1952-10	BG060780.D	04/04/2024
SOIL-1	P1974-01	BG060781.D	04/04/2024
SOIL-2	P1974-04	BG060782.D	04/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

NM-DRUMS-040224

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040424

SAS No.: BG040424 SDG NO.: BG040424

Lab File ID: BG060783.D

Lab Sample ID: P1957-02

Instrument ID: BNA_G

Date Extracted: 04/04/2024

Matrix: (soil/water) water

Date Analyzed: 04/04/2024

Level: (low/med) LOW

Time Analyzed: 18:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
NM-DRUMS-040224	P1957-02	BG060783.D	04/04/2024
SOIL-1	P1974-03	BG060784.D	04/04/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P1952-01MS		Client Sample ID: WC-A-COMPMS		DataFile: BG060776.D							
n-Nitrosodimethylamine	2000		2000	ug/Kg	100				66	124	
Pyridine	2000		1600	ug/Kg	80				45	119	
Benzaldehyde	2000		280	ug/Kg	14	*			26	163	
Aniline	2000		760	ug/Kg	38				10	88	
Phenol	2000		1700	ug/Kg	85				67	126	
bis(2-Chloroethyl)ether	2000		1500	ug/Kg	75				74	116	
2-Chlorophenol	2000		1700	ug/Kg	85				61	138	
1,2-Dichlorobenzene	2000		1700	ug/Kg	85				61	105	
1,3-Dichlorobenzene	2000		1700	ug/Kg	85				62	101	
1,4-Dichlorobenzene	2000		1700	ug/Kg	85				63	104	
Benzyl Alcohol	2000		1600	ug/Kg	80				47	126	
2-Methylphenol	2000		1500	ug/Kg	75				66	122	
2,2-oxybis(1-Chloropropane)	2000		1600	ug/Kg	80				52	115	
Acetophenone	2000		1700	ug/Kg	85				75	111	
3+4-Methylphenols	2000		1500	ug/Kg	75				53	132	
N-Nitroso-di-n-propylamine	2000		1400	ug/Kg	70				59	119	
Hexachloroethane	2000		1800	ug/Kg	90				65	117	
Nitrobenzene	2000		1800	ug/Kg	90				70	119	
Isophorone	2000		1600	ug/Kg	80				76	122	
2-Nitrophenol	2000		2200	ug/Kg	110				54	145	
2,4-Dimethylphenol	2000		1400	ug/Kg	70	*			83	144	
bis(2-Chloroethoxy)methane	2000		1600	ug/Kg	80				68	112	
2,4-Dichlorophenol	2000		1900	ug/Kg	95				72	118	
1,2,4-Trichlorobenzene	2000		1800	ug/Kg	90				57	103	
Benzoic acid	2000		2100	ug/Kg	105	*			50	104	
Naphthalene	2000		1700	ug/Kg	85				72	110	
4-Chloroaniline	2000		550	ug/Kg	28				10	100	
Hexachlorobutadiene	2000		1900	ug/Kg	95				66	114	
Caprolactam	2000		1700	ug/Kg	85				51	134	
4-Chloro-3-methylphenol	2000		1800	ug/Kg	90				57	132	
2-Methylnaphthalene	2000		1600	ug/Kg	80				59	123	
Hexachlorocyclopentadiene	3900		4000	ug/Kg	103				10	175	
2,4,6-Trichlorophenol	2000		2000	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	2000		1800	ug/Kg	90				72	117	
1,1-Biphenyl	2000		1700	ug/Kg	85				75	113	
2-Chloronaphthalene	2000		1700	ug/Kg	85				67	118	
2-Nitroaniline	2000		2000	ug/Kg	100				69	127	
Dimethylphthalate	2000		1600	ug/Kg	80				70	113	
Acenaphthylene	2000		1700	ug/Kg	85				79	118	
2,6-Dinitrotoluene	2000		1800	ug/Kg	90				70	125	
3-Nitroaniline	2000		990	ug/Kg	50				20	111	
Acenaphthene	2000		1900	ug/Kg	95				70	121	
Total PAH	32000		27600	ug/Kg	86				70	121	
2,4-Dinitrophenol	3900		5900	ug/Kg	151				16	160	
4-Nitrophenol	3900		4400	ug/Kg	113				45	133	
Dibenzofuran	2000		1600	ug/Kg	80				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2000		2100	ug/Kg	105				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	4000		3900	ug/Kg	98				55	128	
Diethylphthalate	2000		1600	ug/Kg	80				70	112	
4-Chlorophenyl-phenylether	2000		1600	ug/Kg	80				71	108	
Fluorene	2000		1600	ug/Kg	80				68	116	
4-Nitroaniline	2000		1900	ug/Kg	95				55	120	
4,6-Dinitro-2-methylphenol	2000		2400	ug/Kg	120				32	145	
N-Nitrosodiphenylamine	2000		1700	ug/Kg	85				73	118	
Azobenzene	2000		1600	ug/Kg	80				73	110	
4-Bromophenyl-phenylether	2000		1800	ug/Kg	90				65	121	
Hexachlorobenzene	2000		1900	ug/Kg	95				67	118	
Atrazine	2000		1900	ug/Kg	95				79	127	
Pentachlorophenol	3900		4000	ug/Kg	103				47	128	
Phenanthrene	2000		1700	ug/Kg	85				72	113	
Anthracene	2000		1700	ug/Kg	85				62	124	
Carbazole	2000		1800	ug/Kg	90				59	119	
Di-n-butylphthalate	2000		1700	ug/Kg	85				69	118	
Fluoranthene	2000		1800	ug/Kg	90				59	125	
Benzydine	3900		1800	ug/Kg	46				10	119	
Pyrene	2000		1700	ug/Kg	85				52	128	
Butylbenzylphthalate	2000		1800	ug/Kg	90				64	126	
3,3-Dichlorobenzidine	2000		1000	ug/Kg	50				10	164	
Benzo(a)anthracene	2000		1700	ug/Kg	85				71	114	
Chrysene	2000		1700	ug/Kg	85				57	121	
bis(2-Ethylhexyl)phthalate	2000		1700	ug/Kg	85				66	127	
Di-n-octyl phthalate	2000		1800	ug/Kg	90				71	126	
Benzo(b)fluoranthene	2000		1800	ug/Kg	90				67	121	
Benzo(k)fluoranthene	2000		1700	ug/Kg	85				74	114	
Benzo(a)pyrene	2000		1700	ug/Kg	85				70	142	
Indeno(1,2,3-cd)pyrene	2000		1800	ug/Kg	90				61	125	
Dibenz(a,h)anthracene	2000		1700	ug/Kg	85				67	130	
Benzo(g,h,i)perylene	2000		1700	ug/Kg	85				53	140	
1,2,4,5-Tetrachlorobenzene	2000		1800	ug/Kg	90				69	124	
1,4-Dioxane	2000		1800	ug/Kg	90				46	112	
2,3,4,6-Tetrachlorophenol	2000		2000	ug/Kg	100				56	133	
1-Methylnaphthalene	2000		1600	ug/Kg	80				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P1952-01MSD		Client Sample ID: WC-A-COMPMSD		DataFile: BG060777.D							
n-Nitrosodimethylamine	2000		2100	ug/Kg	105		5		66	124	20
Pyridine	2000		1600	ug/Kg	80		0		45	119	20
Benzaldehyde	2000		310	ug/Kg	16	*	13		26	163	20
Aniline	2000		790	ug/Kg	40		5		10	88	20
Phenol	2000		1900	ug/Kg	95		11		67	126	20
bis(2-Chloroethyl)ether	2000		1600	ug/Kg	80		6		74	116	20
2-Chlorophenol	2000		1900	ug/Kg	95		11		61	138	20
1,2-Dichlorobenzene	2000		1800	ug/Kg	90		6		61	105	20
1,3-Dichlorobenzene	2000		1900	ug/Kg	95		11		62	101	20
1,4-Dichlorobenzene	2000		1900	ug/Kg	95		11		63	104	20
Benzyl Alcohol	2000		1700	ug/Kg	85		6		47	126	20
2-Methylphenol	2000		1600	ug/Kg	80		6		66	122	20
2,2-oxybis(1-Chloropropane)	2000		1700	ug/Kg	85		6		52	115	20
Acetophenone	2000		1800	ug/Kg	90		6		75	111	20
3+4-Methylphenols	2000		1600	ug/Kg	80		6		53	132	20
N-Nitroso-di-n-propylamine	2000		1500	ug/Kg	75		7		59	119	20
Hexachloroethane	2000		1900	ug/Kg	95		5		65	117	20
Nitrobenzene	2000		1900	ug/Kg	95		5		70	119	20
Isophorone	2000		1700	ug/Kg	85		6		76	122	20
2-Nitrophenol	2000		2300	ug/Kg	115		4		54	145	20
2,4-Dimethylphenol	2000		1500	ug/Kg	75	*	7		83	144	20
bis(2-Chloroethoxy)methane	2000		1700	ug/Kg	85		6		68	112	20
2,4-Dichlorophenol	2000		2100	ug/Kg	105		10		72	118	20
1,2,4-Trichlorobenzene	2000		1900	ug/Kg	95		5		57	103	20
Benzoic acid	2000		2200	ug/Kg	110	*	5		50	104	20
Naphthalene	2000		1800	ug/Kg	90		6		72	110	20
4-Chloroaniline	2000		520	ug/Kg	26		7		10	100	20
Hexachlorobutadiene	2000		2000	ug/Kg	100		5		66	114	20
Caprolactam	2000		1800	ug/Kg	90		6		51	134	20
4-Chloro-3-methylphenol	2000		1900	ug/Kg	95		5		57	132	20
2-Methylnaphthalene	2000		1700	ug/Kg	85		6		59	123	20
Hexachlorocyclopentadiene	3900		4200	ug/Kg	108		5		10	175	20
2,4,6-Trichlorophenol	2000		2100	ug/Kg	105		5		72	117	20
2,4,5-Trichlorophenol	2000		1900	ug/Kg	95		5		72	117	20
1,1-Biphenyl	2000		1800	ug/Kg	90		6		75	113	20
2-Chloronaphthalene	2000		1800	ug/Kg	90		6		67	118	20
2-Nitroaniline	2000		2100	ug/Kg	105		5		69	127	20
Dimethylphthalate	2000		1700	ug/Kg	85		6		70	113	20
Acenaphthylene	2000		1900	ug/Kg	95		11		79	118	20
2,6-Dinitrotoluene	2000		2000	ug/Kg	100		11		70	125	20
3-Nitroaniline	2000		1000	ug/Kg	50		0		20	111	20
Acenaphthene	2000		2000	ug/Kg	100		5		70	121	20
Total PAH	32000		29500	ug/Kg	92		7		70	121	20
2,4-Dinitrophenol	3900		6500	ug/Kg	167	*	10		16	160	20
4-Nitrophenol	3900		4600	ug/Kg	118		4		45	133	20
Dibenzofuran	2000		1800	ug/Kg	90		12		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2000		2200	ug/Kg	110		5		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	4000		4200	ug/Kg	105		7		55	128	20
Diethylphthalate	2000		1700	ug/Kg	85		6		70	112	20
4-Chlorophenyl-phenylether	2000		1700	ug/Kg	85		6		71	108	20
Fluorene	2000		1800	ug/Kg	90		12		68	116	20
4-Nitroaniline	2000		2100	ug/Kg	105		10		55	120	20
4,6-Dinitro-2-methylphenol	2000		2400	ug/Kg	120		0		32	145	20
N-Nitrosodiphenylamine	2000		1800	ug/Kg	90		6		73	118	20
Azobenzene	2000		1700	ug/Kg	85		6		73	110	20
4-Bromophenyl-phenylether	2000		1900	ug/Kg	95		5		65	121	20
Hexachlorobenzene	2000		1900	ug/Kg	95		0		67	118	20
Atrazine	2000		2000	ug/Kg	100		5		79	127	20
Pentachlorophenol	3900		4300	ug/Kg	110		7		47	128	20
Phenanthrene	2000		1800	ug/Kg	90		6		72	113	20
Anthracene	2000		1800	ug/Kg	90		6		62	124	20
Carbazole	2000		1900	ug/Kg	95		5		59	119	20
Di-n-butylphthalate	2000		1800	ug/Kg	90		6		69	118	20
Fluoranthene	2000		1900	ug/Kg	95		5		59	125	20
Benzdine	3900		1900	ug/Kg	49		6		10	119	20
Pyrene	2000		1800	ug/Kg	90		6		52	128	20
Butylbenzylphthalate	2000		1900	ug/Kg	95		5		64	126	20
3,3-Dichlorobenzidine	2000		1100	ug/Kg	55		10		10	164	20
Benzo(a)anthracene	2000		1900	ug/Kg	95		11		71	114	20
Chrysene	2000		1800	ug/Kg	90		6		57	121	20
bis(2-Ethylhexyl)phthalate	2000		1800	ug/Kg	90		6		66	127	20
Di-n-octyl phthalate	2000		2000	ug/Kg	100		11		71	126	20
Benzo(b)fluoranthene	2000		1900	ug/Kg	95		5		67	121	20
Benzo(k)fluoranthene	2000		1800	ug/Kg	90		6		74	114	20
Benzo(a)pyrene	2000		1800	ug/Kg	90		6		70	142	20
Indeno(1,2,3-cd)pyrene	2000		1900	ug/Kg	95		5		61	125	20
Dibenz(a,h)anthracene	2000		1800	ug/Kg	90		6		67	130	20
Benzo(g,h,i)perylene	2000		1800	ug/Kg	90		6		53	140	20
1,2,4,5-Tetrachlorobenzene	2000		1900	ug/Kg	95		5		69	124	20
1,4-Dioxane	2000		1800	ug/Kg	90		0		46	112	20
2,3,4,6-Tetrachlorophenol	2000		2100	ug/Kg	105		5		56	133	20
1-Methylnaphthalene	2000		1700	ug/Kg	85		6		70	130	20

Surrogate Summary

SW-846

SDG No.: **BG040424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1954-03	RBR21145	BG060786.D	2-Fluorophenol	150	79.15	53		18	112
			Phenol-d6	150	66.81	45		15	107
			Nitrobenzene-d5	100	62.21	62		18	107
			2-Fluorobiphenyl	100	59.07	59		20	109
			2,4,6-Tribromophenol	150	85.30	57		10	110
			Terphenyl-d14	100	50.87	51		14	112
PB159958BL	PB159958BL	BG060773.D	2-Fluorophenol	150	133.34	89		18	112
			Phenol-d6	150	121.50	81		15	107
			Nitrobenzene-d5	100	95.27	95		18	107
			2-Fluorobiphenyl	100	80.12	80		20	109
			2,4,6-Tribromophenol	150	178.67	119	*	10	110
			Terphenyl-d14	100	76.69	77		14	112
PB159958BS	PB159958BS	BG060774.D	2-Fluorophenol	150	151.32	101		18	112
			Phenol-d6	150	140.49	94		15	107
			Nitrobenzene-d5	100	103.96	104		18	107
			2-Fluorobiphenyl	100	87.14	87		20	109
			2,4,6-Tribromophenol	150	189.28	126	*	10	110
			Terphenyl-d14	100	84.11	84		14	112

Surrogate Summary

SW-846

SDG No.: **BG040424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1952-01	WC-A-COMP	BG060775.D	2-Fluorophenol	150	111.95	75		18	112
			Phenol-d6	150	97.65	65		15	107
			Nitrobenzene-d5	100	82.03	82		18	107
			2-Fluorobiphenyl	100	49.33	49		20	109
			2,4,6-Tribromophenol	150	135.20	90		10	110
			Terphenyl-d14	100	56.90	57		14	112
P1952-01MS	WC-A-COMPMS	BG060776.D	2-Fluorophenol	150	96.09	64		18	112
			Phenol-d6	150	89.07	59		15	107
			Nitrobenzene-d5	100	71.55	72		18	107
			2-Fluorobiphenyl	100	42.91	43		20	109
			2,4,6-Tribromophenol	150	117.03	78		10	110
			Terphenyl-d14	100	48.94	49		14	112
P1952-01MSD	WC-A-COMPMSD	BG060777.D	2-Fluorophenol	150	104.22	69		18	112
			Phenol-d6	150	95.67	64		15	107
			Nitrobenzene-d5	100	75.68	76		18	107
			2-Fluorobiphenyl	100	46.19	46		20	109
			2,4,6-Tribromophenol	150	124.94	83		10	110
			Terphenyl-d14	100	52.44	52		14	112
P1952-04	WC-B-COMP	BG060778.D	2-Fluorophenol	150	88.96	59		18	112
			Phenol-d6	150	82.47	55		15	107
			Nitrobenzene-d5	100	67.81	68		18	107
			2-Fluorobiphenyl	100	50.33	50		20	109
			2,4,6-Tribromophenol	150	113.80	76		10	110
			Terphenyl-d14	100	49.92	50		14	112
P1952-07	WC-C-COMP	BG060779.D	2-Fluorophenol	150	63.12	42		18	112
			Phenol-d6	150	58.95	39		15	107
			Nitrobenzene-d5	100	47.31	47		18	107
			2-Fluorobiphenyl	100	34.53	35		20	109
			2,4,6-Tribromophenol	150	76.94	51		10	110
			Terphenyl-d14	100	35.05	35		14	112
P1952-10	WC-D-COMP	BG060780.D	2-Fluorophenol	150	103.56	69		18	112
			Phenol-d6	150	91.09	61		15	107
			Nitrobenzene-d5	100	76.39	76		18	107
			2-Fluorobiphenyl	100	59.42	59		20	109
			2,4,6-Tribromophenol	150	125.90	84		10	110
			Terphenyl-d14	100	58.03	58		14	112
P1974-01	SOIL-1	BG060781.D	2-Fluorophenol	150	85.30	57		18	112
			Phenol-d6	150	72.64	48		15	107
			Nitrobenzene-d5	100	61.35	61		18	107
			2-Fluorobiphenyl	100	45.23	45		20	109
			2,4,6-Tribromophenol	150	106.21	71		10	110
			Terphenyl-d14	100	46.31	46		14	112
P1974-04	SOIL-2	BG060782.D	2-Fluorophenol	150	89.65	60		18	112
			Phenol-d6	150	75.68	50		15	107
			Nitrobenzene-d5	100	63.50	63		18	107
			2-Fluorobiphenyl	100	42.33	42		20	109
			2,4,6-Tribromophenol	150	102.94	69		10	110
			Terphenyl-d14	100	44.18	44		14	112
P1974-07	SOIL-3	BG060785.D	2-Fluorophenol	150	96.07	64		18	112



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BG040424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1974-07	SOIL-3	BG060785.D	Phenol-d6	150	81.02	54		15	107
			Nitrobenzene-d5	100	67.43	67		18	107
			2-Fluorobiphenyl	100	43.69	44		20	109
			2,4,6-Tribromophenol	150	111.19	74		10	110
			Terphenyl-d14	100	48.11	48		14	112

Surrogate Summary

SW-846

SDG No.: BG040424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1957-02	NM-DRUMS-0402;BG060783.D		2-Fluorophenol	150	117.23	78		10	139
			Phenol-d6	150	91.44	61		10	134
			Nitrobenzene-d5	100	96.49	96		49	133
			2-Fluorobiphenyl	100	76.78	77		52	132
			2,4,6-Tribromophenol	150	162.30	108		32	145
			Terphenyl-d14	100	73.10	73		36	145
P1974-03	SOIL-1	BG060784.D	2-Fluorophenol	150	131.22	87		10	139
			Phenol-d6	150	102.96	69		10	134
			Nitrobenzene-d5	100	108.67	109		49	133
			2-Fluorobiphenyl	100	88.22	88		52	132
			2,4,6-Tribromophenol	150	186.09	124		32	145
			Terphenyl-d14	100	86.65	87		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG040424

Lab Code: CHEM

SAS No.: BG040424

SDG NO.: BG040424

Lab File ID: BG060771.D

DFTPP Injection Date: 04/04/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.8
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	41.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	82.6
443	15.0 - 24.0% of mass 442	16.5 (20) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG060772.D	04/04/2024	10:32
PB159958BL	PB159958BL	BG060773.D	04/04/2024	11:13
PB159958BS	PB159958BS	BG060774.D	04/04/2024	11:54
WC-A-COMP	P1952-01	BG060775.D	04/04/2024	12:49
WC-A-COMPMS	P1952-01MS	BG060776.D	04/04/2024	13:30
WC-A-COMPMSD	P1952-01MSD	BG060777.D	04/04/2024	14:10
WC-B-COMP	P1952-04	BG060778.D	04/04/2024	14:51
WC-C-COMP	P1952-07	BG060779.D	04/04/2024	15:31
WC-D-COMP	P1952-10	BG060780.D	04/04/2024	16:12
SOIL-1	P1974-01	BG060781.D	04/04/2024	16:53
SOIL-2	P1974-04	BG060782.D	04/04/2024	17:34
NM-DRUMS-040224	P1957-02	BG060783.D	04/04/2024	18:15
SOIL-1	P1974-03	BG060784.D	04/04/2024	18:56
SOIL-3	P1974-07	BG060785.D	04/04/2024	19:37
RBR21145	P1954-03	BG060786.D	04/04/2024	20:18