

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG041124 SAS No.: BG041124 SDG No.: BG041124

Instrument ID: BNA_G Calibration Date/Time: 4/11/2024 1:12:29

Lab File ID: BG060857.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	0.891		0.451	
Pyridine	1.485	1.341		-9.697	
2-Fluorophenol	1.201	1.157		-3.664	
Benzaldehyde	0.983	0.875		-10.987	
Aniline	2.250	2.008		-10.756	
Phenol-d6	1.782	1.632		-8.418	
Phenol	1.819	1.639		-9.896	20.0
bis(2-Chloroethyl)ether	1.468	1.303		-11.24	
2-Chlorophenol	1.361	1.286		-5.511	
1,2-Dichlorobenzene	1.415	1.353		-4.382	
1,3-Dichlorobenzene	1.415	1.365		-3.534	
1,4-Dichlorobenzene	1.444	1.384		-4.155	20.0
Benzyl Alcohol	1.444	1.395		-3.393	
2-Methylphenol	1.373	1.261		-8.157	
2,2-oxybis(1-Chloropropane)	3.314	3.134		-5.432	
Acetophenone	0.551	0.545		-1.089	
3+4-Methylphenols	1.880	1.745		-7.181	
n-Nitroso-di-n-propylamine	1.359	1.228	0.050	-9.639	
Nitrobenzene-d5	0.350	0.421		20.286	
Hexachloroethane	0.513	0.511		-0.39	
Nitrobenzene	0.352	0.416		18.182	
Isophorone	0.807	0.773		-4.213	
2-Nitrophenol	0.120	0.173		44.167	20.0
2,4-Dimethylphenol	0.324	0.313		-3.395	
bis(2-Chloroethoxy)methane	0.477	0.438		-8.176	
2,4-Dichlorophenol	0.298	0.321		7.718	20.0
1,2,4-Trichlorobenzene	0.337	0.352		4.451	
Benzoic acid	0.191	0.251		31.414	
Naphthalene	1.082	1.047		-3.235	
4-Chloroaniline	0.503	0.481		-4.374	
Hexachlorobutadiene	0.225	0.261		16.0	20.0
Caprolactam	0.118	0.118		0.0	
4-Chloro-3-methylphenol	0.380	0.391		2.895	20.0
2-Methylnaphthalene	0.795	0.776		-2.39	
Hexachlorocyclopentadiene	0.292	0.340	0.050	16.438	
2,4,6-Trichlorophenol	0.370	0.412		11.351	20.0
2-Fluorobiphenyl	1.363	1.331		-2.348	
2,4,5-Trichlorophenol	0.442	0.493		11.538	
1,1-Biphenyl	1.413	1.350		-4.459	

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_G Calibration Date/Time: 4/11/2024 1:12:29

Lab File ID: BG060857.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	1.025		-4.473	
2-Nitroaniline	0.307	0.409		33.225	
Dimethylphthalate	1.581	1.518		-3.985	
Acenaphthylene	1.803	1.725		-4.326	
2,6-Dinitrotoluene	0.247	0.311		25.911	
3-Nitroaniline	0.277	0.334		20.578	
Acenaphthene	1.132	1.141		0.795	20.0
2,4-Dinitrophenol	0.110	0.169	0.050	53.636	
4-Nitrophenol	0.231	0.267	0.050	15.584	
Dibenzofuran	1.786	1.725		-3.415	
2,4-Dinitrotoluene	0.320	0.443		38.438	
Diethylphthalate	1.590	1.496		-5.912	
4-Chlorophenyl-phenylether	0.758	0.767		1.187	
Fluorene	1.433	1.394		-2.722	
4-Nitroaniline	0.289	0.354		22.491	
4,6-Dinitro-2-methylphenol	0.073	0.107		46.575	
n-Nitrosodiphenylamine	0.572	0.553		-3.322	20.0
Azobenzene	1.550	1.418		-8.516	
2,4,6-Tribromophenol	0.227	0.298		31.278	
4-Bromophenyl-phenylether	0.203	0.224		10.345	
Hexachlorobenzene	0.229	0.239		4.367	
Atrazine	0.200	0.199		-0.5	
Pentachlorophenol	0.150	0.174		16.0	20.0
Phenanthrene	1.040	0.988		-5.0	
Anthracene	1.056	1.023		-3.125	
Carbazole	0.931	0.884		-5.048	
Di-n-butylphthalate	1.161	1.063		-8.441	
Fluoranthene	1.262	1.193		-5.468	20.0
Benzidine	0.527	0.483		-8.349	
Pyrene	1.399	1.385		-1.001	
Terphenyl-d14	1.136	1.128		-0.704	
Butylbenzylphthalate	0.510	0.517		1.373	
3,3-Dichlorobenzidine	0.476	0.498		4.622	
Benzo(a)anthracene	1.410	1.383		-1.915	
Chrysene	1.359	1.315		-3.238	
Bis(2-ethylhexyl)phthalate	0.813	0.752		-7.503	
Di-n-octyl phthalate	1.325	1.309		-1.208	20.0
Benzo(b)fluoranthene	1.149	1.090		-5.135	
Benzo(k)fluoranthene	1.176	1.104		-6.122	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG041124 SAS No.: BG041124 SDG No.: BG041124
 Instrument ID: BNA_G Calibration Date/Time: 4/11/2024 1:12:29
 Lab File ID: BG060857.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	1.079		-3.402	20.0
Indeno(1,2,3-cd)pyrene	1.408	1.361		-3.338	
Dibenzo(a,h)anthracene	1.187	1.129		-4.886	
Benzo(g,h,i)perylene	1.155	1.098		-4.935	
1,2,4,5-Tetrachlorobenzene	0.575	0.616		7.13	
1,4-Dioxane	0.492	0.443		-9.959	20.0
2,3,4,6-Tetrachlorophenol	0.385	0.446		15.844	
1-Methylnaphthalene	0.751	0.725		-3.462	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	PB160120BL			SDG No.:	BG041124	
Lab Sample ID:	PB160120BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
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
BG060858.D	1	4/10/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160120

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

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160120BL	SDG No.:	BG041124
Lab Sample ID:	PB160120BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG060858.D	1	4/10/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	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	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	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	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	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	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160120BL	SDG No.:	BG041124
Lab Sample ID:	PB160120BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG060858.D	1	4/10/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	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	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	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	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.964		18-112		91	SPK: -150
13127-88-3	Phenol-d6	121.433		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	98.188		18-107		98	SPK: -100
321-60-8	2-Fluorobiphenyl	81.358		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160120BL	SDG No.:	BG041124
Lab Sample ID:	PB160120BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG060858.D	1	4/10/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	179.991	*	10-110		120	SPK: -150
1718-51-0	Terphenyl-d14	84.148		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46713	7.944				
1146-65-2	Naphthalene-d8	184857	10.747				
15067-26-2	Acenaphthene-d10	151188	14.578				
1517-22-2	Phenanthrene-d10	402803	17.327				
1719-03-5	Chrysene-d12	378095	21.587				
1520-96-3	Perylene-d12	433605	24.724				

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160120BS	SDG No.:	BG041124
Lab Sample ID:	PB160120BS	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
BG060859.D	1	4/10/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1000		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	350		180	270	330	ug/Kg
62-53-3	Aniline	850		96.9	130	170	ug/Kg
108-95-2	Phenol	1600		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1400		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	510		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1700		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160120BS	SDG No.:	BG041124
Lab Sample ID:	PB160120BS	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
BG060859.D	1	4/10/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81.1	130	170	ug/Kg
Total PAH	Total PAH	23400		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	5100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3400		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		85	130	170	ug/Kg
1912-24-9	Atrazine	1600		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160120BS	SDG No.:	BG041124
Lab Sample ID:	PB160120BS	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
BG060859.D	1	4/10/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3300	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1400		84	130	170	ug/Kg
120-12-7	Anthracene	1400		84.4	130	170	ug/Kg
86-74-8	Carbazole	1400		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1300		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.7	130	170	ug/Kg
92-87-5	Benzidine	980		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1400		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	134.07		18-112		89	SPK: -150
13127-88-3	Phenol-d6	134.095		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	100.167		18-107		100	SPK: -100
321-60-8	2-Fluorobiphenyl	84.229		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PB160120BS	SDG No.:	BG041124
Lab Sample ID:	PB160120BS	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
BG060859.D	1	4/10/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	172.529	*	10-110		115	SPK: -150
1718-51-0	Terphenyl-d14	86.231		14-112		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53167	7.949				
1146-65-2	Naphthalene-d8	228321	10.746				
15067-26-2	Acenaphthene-d10	186721	14.577				
1517-22-2	Phenanthrene-d10	448432	17.326				
1719-03-5	Chrysene-d12	389001	21.586				
1520-96-3	Perylene-d12	451363	24.718				

Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM		
Project:				Date Received:	4/10/2024 12:00:00 AM		
Client Sample ID:	TP-5			SDG No.:	BG041124		
Lab Sample ID:	P2070-09			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	6.1		
Sample Wt/Vol:	50.03	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
BG060860.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.4	U	55.4	170	210	ug/Kg
110-86-1	Pyridine	51	U	51	83	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.9	U	61.9	83	110	ug/Kg
108-95-2	Phenol	52.9	U	52.9	83	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.5	U	53.5	83	110	ug/Kg
95-57-8	2-Chlorophenol	53.3	U	53.3	83	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54	U	54	83	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.9	U	54.9	83	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.2	U	55.2	83	110	ug/Kg
100-51-6	Benzyl Alcohol	53	U	53	170	210	ug/Kg
95-48-7	2-Methylphenol	51.5	U	51.5	83	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	58	83	110	ug/Kg
98-86-2	Acetophenone	55.5	U	55.5	83	110	ug/Kg
65794-96-9	3+4-Methylphenols	51	U	51	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.7	U	25.7	51.1	51.1	ug/Kg
67-72-1	Hexachloroethane	53	U	53	83	110	ug/Kg
98-95-3	Nitrobenzene	58	U	58	83	110	ug/Kg
78-59-1	Isophorone	54	U	54	83	110	ug/Kg
88-75-5	2-Nitrophenol	60.3	U	60.3	83	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.5	U	59.5	83	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.8	U	54.8	83	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.2	U	48.2	83	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.5	U	54.5	83	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.7	U	52.7	83	110	ug/Kg
106-47-8	4-Chloroaniline	52.7	U	52.7	83	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.2	U	53.2	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BG041124
Lab Sample ID:	P2070-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.03	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
BG060860.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.4	U	55.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.5	U	49.5	83	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.7	U	52.7	83	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.6	U	99.6	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.6	U	45.6	83	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.3	U	47.3	83	110	ug/Kg
92-52-4	1,1-Biphenyl	55.8	U	55.8	83	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.2	U	53.2	83	110	ug/Kg
88-74-4	2-Nitroaniline	60.7	U	60.7	83	110	ug/Kg
131-11-3	Dimethylphthalate	52.2	U	52.2	83	110	ug/Kg
208-96-8	Acenaphthylene	55.2	U	55.2	83	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.1	U	53.1	83	110	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	83	110	ug/Kg
83-32-9	Acenaphthene	51.8	U	51.8	83	110	ug/Kg
Total PAH	Total PAH	846.2	U	846.2	83	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.1	U	74.1	170	210	ug/Kg
132-64-9	Dibenzofuran	53.9	U	53.9	83	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	83	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.1	U	108.1	83	220	ug/Kg
84-66-2	Diethylphthalate	51.2	U	51.2	83	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.7	U	54.7	83	110	ug/Kg
86-73-7	Fluorene	54.6	U	54.6	83	110	ug/Kg
100-01-6	4-Nitroaniline	68.3	U	68.3	83	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.7	U	74.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.1	U	52.1	83	110	ug/Kg
103-33-3	Azobenzene	50.8	U	50.8	83	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.4	U	50.4	83	110	ug/Kg
118-74-1	Hexachlorobenzene	54.3	U	54.3	83	110	ug/Kg
1912-24-9	Atrazine	58.4	U	58.4	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BG041124
Lab Sample ID:	P2070-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.03	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
BG060860.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.4	U	49.4	170	210	ug/Kg
85-01-8	Phenanthrene	53.6	U	53.6	83	110	ug/Kg
120-12-7	Anthracene	53.9	U	53.9	83	110	ug/Kg
86-74-8	Carbazole	51.3	U	51.3	83	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.8	U	53.8	83	110	ug/Kg
206-44-0	Fluoranthene	52.2	U	52.2	83	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	53	U	53	83	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.8	U	61.8	83	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.5	U	51.5	83	110	ug/Kg
218-01-9	Chrysene	50.8	U	50.8	83	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.1	U	58.1	83	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.2	U	70.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.8	U	51.8	83	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.7	U	52.7	83	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.4	U	59.4	83	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.9	U	49.9	83	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.9	U	51.9	83	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.2	U	51.2	83	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.4	U	55.4	83	110	ug/Kg
123-91-1	1,4-Dioxane	70.2	U	70.2	83	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.7	U	47.7	83	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.1	U	53.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.912		18-112		82	SPK: -150
13127-88-3	Phenol-d6	111.225		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	99.657		18-107		100	SPK: -100
321-60-8	2-Fluorobiphenyl	74.551		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BG041124
Lab Sample ID:	P2070-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.03	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
BG060860.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	179.425	*	10-110		120	SPK: -150
1718-51-0	Terphenyl-d14	77.748		14-112		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56267	7.952				
1146-65-2	Naphthalene-d8	213021	10.749				
15067-26-2	Acenaphthene-d10	169434	14.579				
1517-22-2	Phenanthrene-d10	411195	17.323				
1719-03-5	Chrysene-d12	390379	21.589				
1520-96-3	Perylene-d12	461165	24.72				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			3.169	
	unknown14.808	53.9	J			14.808	
000057-11-4	Octadecanoic acid	2700	J			16.424	
000057-10-3	n-Hexadecanoic acid	260	J			18.234	
000629-59-4	Tetradecane	71.7	J			19.268	
000544-63-8	Tetradecanoic acid	82.4	J			19.509	
019218-94-1	Tetradecane, 1-iodo-	130	J			20.073	
024539-56-8	2-(Pentyloxycarbonyl)benzoic acid	76.2	J			20.355	
055045-08-4	Dodecane, 2-methyl-6-propyl-	160	J			20.766	
000296-56-0	Cycloeicosane	140	J			21.266	
025117-29-7	4-Methylheicosane	170	J			21.459	
091337-07-4	2-Isopropyl-5-methyl-1-heptanol	60.2	J			21.824	
000646-31-1	Tetracosane	170	J			22.223	
000630-02-4	Octacosane	190	J			23.093	
000593-45-3	Octadecane	150	J			24.08	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BG041124
Lab Sample ID:	P2070-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.09 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
BG060861.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	890		55.4	170	210	ug/Kg
110-86-1	Pyridine	660		51	82.9	110	ug/Kg
100-52-7	Benzaldehyde	120	J	120	170	210	ug/Kg
62-53-3	Aniline	460		61.8	82.9	110	ug/Kg
108-95-2	Phenol	870		52.9	82.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	750		53.4	82.9	110	ug/Kg
95-57-8	2-Chlorophenol	890		53.3	82.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	880		54	82.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	880		54.9	82.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	880		55.2	82.9	110	ug/Kg
100-51-6	Benzyl Alcohol	830		52.9	170	210	ug/Kg
95-48-7	2-Methylphenol	780		51.4	82.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840		58	82.9	110	ug/Kg
98-86-2	Acetophenone	890		55.4	82.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	800		50.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	730		25.7	51	51	ug/Kg
67-72-1	Hexachloroethane	920		52.9	82.9	110	ug/Kg
98-95-3	Nitrobenzene	930		57.9	82.9	110	ug/Kg
78-59-1	Isophorone	830		54	82.9	110	ug/Kg
88-75-5	2-Nitrophenol	1200		60.3	82.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	710		59.4	82.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	830		54.7	82.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		48.2	82.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		54.5	82.9	110	ug/Kg
65-85-0	Benzoic acid	1100		150	170	210	ug/Kg
91-20-3	Naphthalene	880		52.7	82.9	110	ug/Kg
106-47-8	4-Chloroaniline	290		52.7	82.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		53.1	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BG041124
Lab Sample ID:	P2070-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.09	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
BG060861.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	950		55.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		49.4	82.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	860		52.6	82.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2200	E	99.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		45.5	82.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		47.2	82.9	110	ug/Kg
92-52-4	1,1-Biphenyl	890		55.7	82.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	920		53.1	82.9	110	ug/Kg
88-74-4	2-Nitroaniline	1100		60.6	82.9	110	ug/Kg
131-11-3	Dimethylphthalate	890		52.1	82.9	110	ug/Kg
208-96-8	Acenaphthylene	950		55.2	82.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		53.1	82.9	110	ug/Kg
99-09-2	3-Nitroaniline	640		56.9	82.9	110	ug/Kg
83-32-9	Acenaphthene	1100		51.7	82.9	110	ug/Kg
Total PAH	Total PAH	14770		845.1	82.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	2300	E	74	170	210	ug/Kg
132-64-9	Dibenzofuran	900		53.8	82.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		108.1	82.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		55	82.9	110	ug/Kg
84-66-2	Diethylphthalate	870		51.1	82.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	940		54.6	82.9	110	ug/Kg
86-73-7	Fluorene	920		54.5	82.9	110	ug/Kg
100-01-6	4-Nitroaniline	1100		68.2	82.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		74.6	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	880		52	82.9	110	ug/Kg
103-33-3	Azobenzene	870		50.8	82.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		50.3	82.9	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		54.2	82.9	110	ug/Kg
1912-24-9	Atrazine	990		58.3	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BG041124
Lab Sample ID:	P2070-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.09	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
BG060861.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	49.3	170	210	ug/Kg
85-01-8	Phenanthrene	890		53.6	82.9	110	ug/Kg
120-12-7	Anthracene	890		53.8	82.9	110	ug/Kg
86-74-8	Carbazole	880		51.2	82.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	860		53.8	82.9	110	ug/Kg
206-44-0	Fluoranthene	880		52.1	82.9	110	ug/Kg
92-87-5	Benzidine	810		100	170	210	ug/Kg
129-00-0	Pyrene	940		52.9	82.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	970		61.7	82.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	700		62.9	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	930		51.5	82.9	110	ug/Kg
218-01-9	Chrysene	910		50.7	82.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	880		58	82.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	920		70.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	930		51.7	82.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	890		52.7	82.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	900		59.3	82.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		49.8	82.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		51.8	82.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880		51.1	82.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		55.4	82.9	110	ug/Kg
123-91-1	1,4-Dioxane	710		70.2	82.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		47.6	82.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	840		53.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.301		18-112		69	SPK: -150
13127-88-3	Phenol-d6	98.727		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	83.068		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	65.436		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BG041124
Lab Sample ID:	P2070-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.09	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
BG060861.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.124		10-110		99	SPK: -150
1718-51-0	Terphenyl-d14	67.641		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62333	7.95				
1146-65-2	Naphthalene-d8	244113	10.746				
15067-26-2	Acenaphthene-d10	186023	14.577				
1517-22-2	Phenanthrene-d10	460079	17.327				
1719-03-5	Chrysene-d12	399415	21.587				
1520-96-3	Perylene-d12	471161	24.724				

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BG041124
Lab Sample ID:	P2070-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BG060862.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	920		55.4	170	210	ug/Kg
110-86-1	Pyridine	670		51	83	110	ug/Kg
100-52-7	Benzaldehyde	120	J	120	170	210	ug/Kg
62-53-3	Aniline	480		61.8	83	110	ug/Kg
108-95-2	Phenol	930		52.9	83	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	770		53.4	83	110	ug/Kg
95-57-8	2-Chlorophenol	940		53.3	83	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	920		54	83	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	910		54.9	83	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	930		55.2	83	110	ug/Kg
100-51-6	Benzyl Alcohol	870		53	170	210	ug/Kg
95-48-7	2-Methylphenol	820		51.4	83	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	880		58	83	110	ug/Kg
98-86-2	Acetophenone	890		55.4	83	110	ug/Kg
65794-96-9	3+4-Methylphenols	840		50.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	780		25.7	51	51	ug/Kg
67-72-1	Hexachloroethane	950		53	83	110	ug/Kg
98-95-3	Nitrobenzene	960		57.9	83	110	ug/Kg
78-59-1	Isophorone	870		54	83	110	ug/Kg
88-75-5	2-Nitrophenol	1200		60.3	83	110	ug/Kg
105-67-9	2,4-Dimethylphenol	730		59.5	83	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	850		54.7	83	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		48.2	83	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		54.5	83	110	ug/Kg
65-85-0	Benzoic acid	1100		150	170	210	ug/Kg
91-20-3	Naphthalene	880		52.7	83	110	ug/Kg
106-47-8	4-Chloroaniline	290		52.7	83	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		53.2	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BG041124
Lab Sample ID:	P2070-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.07 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
BG060862.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	940		55.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		49.5	83	110	ug/Kg
91-57-6	2-Methylnaphthalene	870		52.6	83	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100	E	99.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		45.6	83	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		47.2	83	110	ug/Kg
92-52-4	1,1-Biphenyl	880		55.8	83	110	ug/Kg
91-58-7	2-Chloronaphthalene	910		53.2	83	110	ug/Kg
88-74-4	2-Nitroaniline	1100		60.6	83	110	ug/Kg
131-11-3	Dimethylphthalate	860		52.1	83	110	ug/Kg
208-96-8	Acenaphthylene	940		55.2	83	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		53.1	83	110	ug/Kg
99-09-2	3-Nitroaniline	640		56.9	83	110	ug/Kg
83-32-9	Acenaphthene	1000		51.7	83	110	ug/Kg
Total PAH	Total PAH	14570		845.4	83	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	2200	E	74	170	210	ug/Kg
132-64-9	Dibenzofuran	890		53.9	83	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		55	83	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		108.1	83	220	ug/Kg
84-66-2	Diethylphthalate	870		51.1	83	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	930		54.6	83	110	ug/Kg
86-73-7	Fluorene	920		54.6	83	110	ug/Kg
100-01-6	4-Nitroaniline	1100		68.3	83	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		74.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	890		52.1	83	110	ug/Kg
103-33-3	Azobenzene	860		50.8	83	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	980		50.3	83	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		54.2	83	110	ug/Kg
1912-24-9	Atrazine	980		58.3	83	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BG041124
Lab Sample ID:	P2070-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
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
BG060862.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	49.3	170	210	ug/Kg
85-01-8	Phenanthrene	880		53.6	83	110	ug/Kg
120-12-7	Anthracene	890		53.9	83	110	ug/Kg
86-74-8	Carbazole	880		51.2	83	110	ug/Kg
84-74-2	Di-n-butylphthalate	860		53.8	83	110	ug/Kg
206-44-0	Fluoranthene	860		52.1	83	110	ug/Kg
92-87-5	Benzidine	880		100	170	210	ug/Kg
129-00-0	Pyrene	930		53	83	110	ug/Kg
85-68-7	Butylbenzylphthalate	960		61.8	83	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	700		62.9	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	920		51.5	83	110	ug/Kg
218-01-9	Chrysene	900		50.7	83	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	870		58.1	83	110	ug/Kg
117-84-0	Di-n-octyl phthalate	910		70.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	910		51.7	83	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	920		52.7	83	110	ug/Kg
50-32-8	Benzo(a)pyrene	890		59.3	83	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		49.8	83	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	910		51.8	83	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880		51.1	83	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		55.4	83	110	ug/Kg
123-91-1	1,4-Dioxane	750		70.2	83	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		47.7	83	110	ug/Kg
90-12-0	1-Methylnaphthalene	850		53.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.942		18-112		71	SPK: -150
13127-88-3	Phenol-d6	104.202		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	84.18		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	65.093		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BG041124
Lab Sample ID:	P2070-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.07 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
BG060862.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.122		10-110		97	SPK: -150
1718-51-0	Terphenyl-d14	67.482		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59477	7.951				
1146-65-2	Naphthalene-d8	243630	10.742				
15067-26-2	Acenaphthene-d10	189411	14.579				
1517-22-2	Phenanthrene-d10	460485	17.329				
1719-03-5	Chrysene-d12	400295	21.588				
1520-96-3	Perylene-d12	474919	24.72				

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BG041124
Lab Sample ID:	P2070-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BG060863.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.5	U	57.5	180	220	ug/Kg
110-86-1	Pyridine	53	U	53	86.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.2	U	64.2	86.2	110	ug/Kg
108-95-2	Phenol	54.9	U	54.9	86.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.5	U	55.5	86.2	110	ug/Kg
95-57-8	2-Chlorophenol	55.3	U	55.3	86.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.1	U	56.1	86.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57	U	57	86.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.3	U	57.3	86.2	110	ug/Kg
100-51-6	Benzyl Alcohol	55	U	55	180	220	ug/Kg
95-48-7	2-Methylphenol	53.4	U	53.4	86.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.2	U	60.2	86.2	110	ug/Kg
98-86-2	Acetophenone	57.6	U	57.6	86.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.9	U	52.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.7	U	26.7	53	53	ug/Kg
67-72-1	Hexachloroethane	55	U	55	86.2	110	ug/Kg
98-95-3	Nitrobenzene	60.2	U	60.2	86.2	110	ug/Kg
78-59-1	Isophorone	56.1	U	56.1	86.2	110	ug/Kg
88-75-5	2-Nitrophenol	62.6	U	62.6	86.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.8	U	61.8	86.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.9	U	56.9	86.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	86.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.6	U	56.6	86.2	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.7	U	54.7	86.2	110	ug/Kg
106-47-8	4-Chloroaniline	54.7	U	54.7	86.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.2	U	55.2	86.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BG041124
Lab Sample ID:	P2070-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BG060863.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.5	U	57.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.4	U	51.4	86.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.7	U	54.7	86.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.3	U	47.3	86.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	86.2	110	ug/Kg
92-52-4	1,1-Biphenyl	57.9	U	57.9	86.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.2	U	55.2	86.2	110	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	86.2	110	ug/Kg
131-11-3	Dimethylphthalate	54.1	U	54.1	86.2	110	ug/Kg
208-96-8	Acenaphthylene	57.3	U	57.3	86.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.1	U	55.1	86.2	110	ug/Kg
99-09-2	3-Nitroaniline	59.1	U	59.1	86.2	110	ug/Kg
83-32-9	Acenaphthene	53.8	U	53.8	86.2	110	ug/Kg
Total PAH	Total PAH	2830	U	878.2	86.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.9	U	76.9	180	220	ug/Kg
132-64-9	Dibenzofuran	55.9	U	55.9	86.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	12.2	U	112.2	86.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.1	U	57.1	86.2	110	ug/Kg
84-66-2	Diethylphthalate	53.1	U	53.1	86.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.7	U	56.7	86.2	110	ug/Kg
86-73-7	Fluorene	56.7	U	56.7	86.2	110	ug/Kg
100-01-6	4-Nitroaniline	70.9	U	70.9	86.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.5	U	77.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.1	U	54.1	86.2	110	ug/Kg
103-33-3	Azobenzene	52.8	U	52.8	86.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.3	U	52.3	86.2	110	ug/Kg
118-74-1	Hexachlorobenzene	56.3	U	56.3	86.2	110	ug/Kg
1912-24-9	Atrazine	60.6	U	60.6	86.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BG041124
Lab Sample ID:	P2070-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BG060863.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.2	U	51.2	180	220	ug/Kg
85-01-8	Phenanthrene	240		55.7	86.2	110	ug/Kg
120-12-7	Anthracene	55.9	U	55.9	86.2	110	ug/Kg
86-74-8	Carbazole	53.2	U	53.2	86.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.9	U	55.9	86.2	110	ug/Kg
206-44-0	Fluoranthene	490		54.1	86.2	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	420		55	86.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.2	U	64.2	86.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.4	U	65.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	270		53.5	86.2	110	ug/Kg
218-01-9	Chrysene	250		52.7	86.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.3	U	60.3	86.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.9	U	72.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	400		53.8	86.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	120		54.7	86.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	280		61.6	86.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170		51.8	86.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.8	U	53.8	86.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		53.1	86.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.5	U	57.5	86.2	110	ug/Kg
123-91-1	1,4-Dioxane	72.9	U	72.9	86.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.5	U	49.5	86.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.1	U	55.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.418		18-112		56	SPK: -150
13127-88-3	Phenol-d6	78.476		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	68.2		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	49.666		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BG041124
Lab Sample ID:	P2070-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BG060863.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.456		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	48.287		14-112		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66287	7.952				
1146-65-2	Naphthalene-d8	252861	10.743				
15067-26-2	Acenaphthene-d10	193417	14.573				
1517-22-2	Phenanthrene-d10	457850	17.323				
1719-03-5	Chrysene-d12	414726	21.583				
1520-96-3	Perylene-d12	478951	24.715				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			3.169	
000057-10-3	n-Hexadecanoic acid	140	J			18.228	
000203-64-5	4H-Cyclopenta[def]phenanthrene	67.4	J			18.398	
	unknown21.260	85.1	J			21.26	
000192-97-2	Benzo[e]pyrene	220	J			24.427	
000198-55-0	Perylene	440	J			24.72	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	ETGI-346	SDG No.:	BG041124
Lab Sample ID:	P2067-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG060864.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	ETGI-346			SDG No.:	BG041124	
Lab Sample ID:	P2067-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.08	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
BG060864.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.9	100	ug/Kg
208-96-8	Acenaphthylene	130		51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	9980		793.7	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	63.8	J	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	150		51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	ETGI-346	SDG No.:	BG041124
Lab Sample ID:	P2067-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG060864.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	1200		50.3	77.9	100	ug/Kg
120-12-7	Anthracene	210		50.6	77.9	100	ug/Kg
86-74-8	Carbazole	79.4	J	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	1700	E	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	1500		49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	890		48.3	77.9	100	ug/Kg
218-01-9	Chrysene	860		47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	400		49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	810		55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420		46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140		48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	470		48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.012		18-112		53	SPK: -150
13127-88-3	Phenol-d6	76.878		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	65.612		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	55.407		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	ETGI-346	SDG No.:	BG041124
Lab Sample ID:	P2067-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG060864.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.971		10-110		74	SPK: -150
1718-51-0	Terphenyl-d14	57.506		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62848	7.947				
1146-65-2	Naphthalene-d8	249259	10.744				
15067-26-2	Acenaphthene-d10	183727	14.575				
1517-22-2	Phenanthrene-d10	409433	17.324				
1719-03-5	Chrysene-d12	358991	21.59				
1520-96-3	Perylene-d12	428574	24.722				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	72.3	J			3.17	
006344-67-8	9H-Fluoren-3-ol	68.5	J			15.92	
000486-25-9	9H-Fluoren-9-one	70.5	J			16.972	
000132-65-0	Dibenzothiophene	71.9	J			17.142	
002531-84-2	Phenanthrene, 2-methyl-	200	J			18.2	
000832-69-9	Phenanthrene, 1-methyl-	410	J			18.247	
000613-12-7	Anthracene, 2-methyl-	66.1	J			18.329	
000203-64-5	4H-Cyclopenta[def]phenanthrene	410	J			18.394	
004505-48-0	1H-Indene, 2-phenyl-	140	J			18.429	
000612-94-2	Naphthalene, 2-phenyl-	130	J			18.699	
000084-65-1	9,10-Anthracenedione	130	J			18.735	
003674-66-6	Phenanthrene, 2,5-dimethyl-	130	J			19.122	
	unknown19.181	100	J			19.181	
005737-13-3	Cyclopenta(def)phenanthrenone	140	J			19.257	
002381-21-7	Pyrene, 1-methyl-	68.1	J			20.074	
000238-84-6	11H-Benzo[a]fluorene	81.1	J			20.233	
	unknown21.261	78.1	J			21.261	
000192-97-2	Benzo[e]pyrene	210	J			23.981	
000198-55-0	Perylene	570	J			24.434	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	ETGI-346	SDG No.:	BG041124
Lab Sample ID:	P2067-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG060864.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown24.798	270	J			24.798	

Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM		
Project:				Date Received:	4/10/2024 12:00:00 AM		
Client Sample ID:	TP-2			SDG No.:	BG041124		
Lab Sample ID:	P2070-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	10.7		
Sample Wt/Vol:	50.03	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
BG060865.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.3	U	58.3	180	220	ug/Kg
110-86-1	Pyridine	53.7	U	53.7	87.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.1	U	65.1	87.3	110	ug/Kg
108-95-2	Phenol	55.7	U	55.7	87.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.2	U	56.2	87.3	110	ug/Kg
95-57-8	2-Chlorophenol	56.1	U	56.1	87.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.8	U	56.8	87.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.7	U	57.7	87.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.1	U	58.1	87.3	110	ug/Kg
100-51-6	Benzyl Alcohol	55.7	U	55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	54.1	U	54.1	87.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	87.3	110	ug/Kg
98-86-2	Acetophenone	58.4	U	58.4	87.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.6	U	53.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	55.7	U	55.7	87.3	110	ug/Kg
98-95-3	Nitrobenzene	61	U	61	87.3	110	ug/Kg
78-59-1	Isophorone	56.8	U	56.8	87.3	110	ug/Kg
88-75-5	2-Nitrophenol	63.5	U	63.5	87.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.6	U	62.6	87.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.6	U	57.6	87.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.7	U	50.7	87.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.3	U	57.3	87.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.5	U	55.5	87.3	110	ug/Kg
106-47-8	4-Chloroaniline	55.5	U	55.5	87.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.9	U	55.9	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BG041124
Lab Sample ID:	P2070-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.03	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
BG060865.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.3	U	58.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	87.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.4	U	55.4	87.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.9	U	47.9	87.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.7	U	49.7	87.3	110	ug/Kg
92-52-4	1,1-Biphenyl	58.7	U	58.7	87.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.9	U	55.9	87.3	110	ug/Kg
88-74-4	2-Nitroaniline	63.8	U	63.8	87.3	110	ug/Kg
131-11-3	Dimethylphthalate	54.9	U	54.9	87.3	110	ug/Kg
208-96-8	Acenaphthylene	140		58.1	87.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.9	U	55.9	87.3	110	ug/Kg
99-09-2	3-Nitroaniline	59.9	U	59.9	87.3	110	ug/Kg
83-32-9	Acenaphthene	54.5	U	54.5	87.3	110	ug/Kg
Total PAH	Total PAH	7400	U	889.9	87.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.9	U	77.9	180	220	ug/Kg
132-64-9	Dibenzofuran	56.7	U	56.7	87.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.9	U	57.9	87.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.8	U	113.8	87.3	220	ug/Kg
84-66-2	Diethylphthalate	53.8	U	53.8	87.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.5	U	57.5	87.3	110	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	87.3	110	ug/Kg
100-01-6	4-Nitroaniline	71.8	U	71.8	87.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.6	U	78.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.8	U	54.8	87.3	110	ug/Kg
103-33-3	Azobenzene	53.5	U	53.5	87.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	87.3	110	ug/Kg
118-74-1	Hexachlorobenzene	57.1	U	57.1	87.3	110	ug/Kg
1912-24-9	Atrazine	61.4	U	61.4	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BG041124
Lab Sample ID:	P2070-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.03	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
BG060865.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.9	U	51.9	180	220	ug/Kg
85-01-8	Phenanthrene	110		56.4	87.3	110	ug/Kg
120-12-7	Anthracene	56.7	U	56.7	87.3	110	ug/Kg
86-74-8	Carbazole	53.9	U	53.9	87.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.6	U	56.6	87.3	110	ug/Kg
206-44-0	Fluoranthene	800		54.9	87.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	840		55.7	87.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	65	87.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.2	U	66.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	730		54.2	87.3	110	ug/Kg
218-01-9	Chrysene	620		53.4	87.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.1	U	61.1	87.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.9	U	73.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		54.5	87.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	480		55.5	87.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		62.4	87.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	630		52.4	87.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180		54.5	87.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	670		53.8	87.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.3	U	58.3	87.3	110	ug/Kg
123-91-1	1,4-Dioxane	73.9	U	73.9	87.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.2	U	50.2	87.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.9	U	55.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.391		18-112		62	SPK: -150
13127-88-3	Phenol-d6	86.684		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	74.111		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	53.887		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BG041124
Lab Sample ID:	P2070-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.03	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
BG060865.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.98		10-110		84	SPK: -150
1718-51-0	Terphenyl-d14	54.533		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63656	7.946				
1146-65-2	Naphthalene-d8	249671	10.743				
15067-26-2	Acenaphthene-d10	195893	14.58				
1517-22-2	Phenanthrene-d10	450115	17.324				
1719-03-5	Chrysene-d12	395866	21.589				
1520-96-3	Perylene-d12	482864	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	150	J			3.17	
000057-10-3	n-Hexadecanoic acid	190	J			18.234	
036155-87-0	Thiophene-3-carboxaldehyde, 5-chlo	74.5	J			18.399	
000483-87-4	Phenanthrene, 1,7-dimethyl-	52.6	J			19.116	
005737-13-3	Cyclopenta(def)phenanthrenone	58.4	J			19.257	
000243-17-4	11H-Benzo[b]fluorene	54.2	J			20.238	
000203-12-3	Benzo[ghi]fluoranthene	86	J			21.266	
000205-25-4	7H-Benzo[c]carbazole	53.5	J			21.983	
000198-55-0	Perylene	270	J			23.986	
000192-97-2	Benzo[e]pyrene	700	J			24.439	
000205-82-3	Benzo[j]fluoranthene	410	J			24.803	

Report of Analysis

Client:				Date Collected:	4/10/2024 12:00:00 AM		
Project:				Date Received:	4/10/2024 12:00:00 AM		
Client Sample ID:	TP-3			SDG No.:	BG041124		
Lab Sample ID:	P2070-05			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.1		
Sample Wt/Vol:	50.06	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
BG060866.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56	U	56	170	210	ug/Kg
110-86-1	Pyridine	51.5	U	51.5	83.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.5	U	62.5	83.9	110	ug/Kg
108-95-2	Phenol	53.5	U	53.5	83.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	83.9	110	ug/Kg
95-57-8	2-Chlorophenol	53.9	U	53.9	83.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.6	U	54.6	83.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.5	U	55.5	83.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.8	U	55.8	83.9	110	ug/Kg
100-51-6	Benzyl Alcohol	53.5	U	53.5	170	210	ug/Kg
95-48-7	2-Methylphenol	52	U	52	83.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.6	U	58.6	83.9	110	ug/Kg
98-86-2	Acetophenone	56.1	U	56.1	83.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.5	U	51.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26	U	26	51.6	51.6	ug/Kg
67-72-1	Hexachloroethane	53.5	U	53.5	83.9	110	ug/Kg
98-95-3	Nitrobenzene	58.6	U	58.6	83.9	110	ug/Kg
78-59-1	Isophorone	54.6	U	54.6	83.9	110	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.1	U	60.1	83.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.3	U	55.3	83.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.7	U	48.7	83.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.1	U	55.1	83.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.3	U	53.3	83.9	110	ug/Kg
106-47-8	4-Chloroaniline	53.3	U	53.3	83.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.7	U	53.7	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BG041124
Lab Sample ID:	P2070-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.06	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
BG060866.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56	U	56	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	83.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.2	U	53.2	83.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.1	U	46.1	83.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.7	U	47.7	83.9	110	ug/Kg
92-52-4	1,1-Biphenyl	56.4	U	56.4	83.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.7	U	53.7	83.9	110	ug/Kg
88-74-4	2-Nitroaniline	61.3	U	61.3	83.9	110	ug/Kg
131-11-3	Dimethylphthalate	52.7	U	52.7	83.9	110	ug/Kg
208-96-8	Acenaphthylene	55.8	U	55.8	83.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.7	U	53.7	83.9	110	ug/Kg
99-09-2	3-Nitroaniline	57.5	U	57.5	83.9	110	ug/Kg
83-32-9	Acenaphthene	52.3	U	52.3	83.9	110	ug/Kg
Total PAH	Total PAH	5407.8	U	854.9	83.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.8	U	74.8	170	210	ug/Kg
132-64-9	Dibenzofuran	54.4	U	54.4	83.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.3	U	109.3	83.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.6	U	55.6	83.9	110	ug/Kg
84-66-2	Diethylphthalate	51.7	U	51.7	83.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.2	U	55.2	83.9	110	ug/Kg
86-73-7	Fluorene	55.2	U	55.2	83.9	110	ug/Kg
100-01-6	4-Nitroaniline	69	U	69	83.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.5	U	75.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.6	U	52.6	83.9	110	ug/Kg
103-33-3	Azobenzene	51.3	U	51.3	83.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.9	U	50.9	83.9	110	ug/Kg
118-74-1	Hexachlorobenzene	54.8	U	54.8	83.9	110	ug/Kg
1912-24-9	Atrazine	59	U	59	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BG041124
Lab Sample ID:	P2070-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.06	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
BG060866.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.9	U	49.9	170	210	ug/Kg
85-01-8	Phenanthrene	510		54.2	83.9	110	ug/Kg
120-12-7	Anthracene	110		54.4	83.9	110	ug/Kg
86-74-8	Carbazole	62.4	J	51.8	83.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.4	U	54.4	83.9	110	ug/Kg
206-44-0	Fluoranthene	880		52.7	83.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	770		53.5	83.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.4	U	62.4	83.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.6	U	63.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	510		52.1	83.9	110	ug/Kg
218-01-9	Chrysene	470		51.3	83.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.7	U	58.7	83.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	700		52.3	83.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	220		53.3	83.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	490		60	83.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310		50.4	83.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.8	J	52.4	83.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350		51.7	83.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	83.9	110	ug/Kg
123-91-1	1,4-Dioxane	71	U	71	83.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.2	U	48.2	83.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.7	U	53.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.76		18-112		59	SPK: -150
13127-88-3	Phenol-d6	82.132		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	71.112		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	54.768		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BG041124
Lab Sample ID:	P2070-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	50.06	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
BG060866.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.892		10-110		78	SPK: -150
1718-51-0	Terphenyl-d14	55.834		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72526	7.947				
1146-65-2	Naphthalene-d8	280723	10.744				
15067-26-2	Acenaphthene-d10	210491	14.575				
1517-22-2	Phenanthrene-d10	457594	17.325				
1719-03-5	Chrysene-d12	406261	21.59				
1520-96-3	Perylene-d12	490500	24.728				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			3.171	
002531-84-2	Phenanthrene, 2-methyl-	51.2	J			18.206	
000057-10-3	n-Hexadecanoic acid	210	J			18.235	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			18.394	
000832-64-4	Phenanthrene, 4-methyl-	44.1	J			18.429	
000612-94-2	Naphthalene, 2-phenyl-	47.3	J			18.7	
000084-65-1	9,10-Anthracenedione	48.4	J			18.735	
000781-43-1	9,10-Dimethylanthracene	45.8	J			19.117	
005737-13-3	Cyclopenta(def)phenanthrenone	56.8	J			19.252	
000479-79-8	11H-Benzo[a]fluoren-11-one	43.7	J			20.991	
1000115-87-3	Benzene, [4-(3-ethynylphenyl)-1,3-	75.3	J			21.261	
000082-05-3	7H-Benz[de]anthracen-7-one	49.9	J			21.32	
000192-97-2	Benzo[e]pyrene	140	J			23.982	
000198-55-0	Perylene	400	J			24.44	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BG041124
Lab Sample ID:	P2070-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	50.09	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
BG060867.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.7	U	60.7	190	230	ug/Kg
110-86-1	Pyridine	55.8	U	55.8	90.9	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.7	U	67.7	90.9	120	ug/Kg
108-95-2	Phenol	57.9	U	57.9	90.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.5	U	58.5	90.9	120	ug/Kg
95-57-8	2-Chlorophenol	58.4	U	58.4	90.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.1	U	59.1	90.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.1	U	60.1	90.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.5	U	60.5	90.9	120	ug/Kg
100-51-6	Benzyl Alcohol	58	U	58	190	230	ug/Kg
95-48-7	2-Methylphenol	56.3	U	56.3	90.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.5	U	63.5	90.9	120	ug/Kg
98-86-2	Acetophenone	60.7	U	60.7	90.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.8	U	55.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.2	U	28.2	55.9	55.9	ug/Kg
67-72-1	Hexachloroethane	58	U	58	90.9	120	ug/Kg
98-95-3	Nitrobenzene	63.5	U	63.5	90.9	120	ug/Kg
78-59-1	Isophorone	59.1	U	59.1	90.9	120	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	90.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.1	U	65.1	90.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	60	90.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.8	U	52.8	90.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.7	U	59.7	90.9	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	81.7	J	57.7	90.9	120	ug/Kg
106-47-8	4-Chloroaniline	57.7	U	57.7	90.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.2	U	58.2	90.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BG041124
Lab Sample ID:	P2070-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	50.09	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
BG060867.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.7	U	60.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.2	U	54.2	90.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.7	U	57.7	90.9	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.9	U	49.9	90.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.7	U	51.7	90.9	120	ug/Kg
92-52-4	1,1-Biphenyl	61.1	U	61.1	90.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.2	U	58.2	90.9	120	ug/Kg
88-74-4	2-Nitroaniline	66.4	U	66.4	90.9	120	ug/Kg
131-11-3	Dimethylphthalate	57.1	U	57.1	90.9	120	ug/Kg
208-96-8	Acenaphthylene	60.5	U	60.5	90.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.1	U	58.1	90.9	120	ug/Kg
99-09-2	3-Nitroaniline	62.3	U	62.3	90.9	120	ug/Kg
83-32-9	Acenaphthene	130		56.7	90.9	120	ug/Kg
Total PAH	Total PAH	10561.7		926.2	90.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.1	U	81.1	190	230	ug/Kg
132-64-9	Dibenzofuran	65.9	J	59	90.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.3	U	118.3	90.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.2	U	60.2	90.9	120	ug/Kg
84-66-2	Diethylphthalate	56	U	56	90.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.8	U	59.8	90.9	120	ug/Kg
86-73-7	Fluorene	120		59.8	90.9	120	ug/Kg
100-01-6	4-Nitroaniline	74.8	U	74.8	90.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.8	U	81.8	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57	U	57	90.9	120	ug/Kg
103-33-3	Azobenzene	55.6	U	55.6	90.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.1	U	55.1	90.9	120	ug/Kg
118-74-1	Hexachlorobenzene	59.4	U	59.4	90.9	120	ug/Kg
1912-24-9	Atrazine	63.9	U	63.9	90.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BG041124
Lab Sample ID:	P2070-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	50.09	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
BG060867.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54	U	54	190	230	ug/Kg
85-01-8	Phenanthrene	1200		58.7	90.9	120	ug/Kg
120-12-7	Anthracene	240		59	90.9	120	ug/Kg
86-74-8	Carbazole	160		56.1	90.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.9	U	58.9	90.9	120	ug/Kg
206-44-0	Fluoranthene	1700		57.1	90.9	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	1500		58	90.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.6	U	67.6	90.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.9	U	68.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	890		56.4	90.9	120	ug/Kg
218-01-9	Chrysene	900		55.6	90.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.6	U	63.6	90.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.9	U	76.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		56.7	90.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	380		57.7	90.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	900		65	90.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520		54.6	90.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150		56.7	90.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	550		56	90.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.7	U	60.7	90.9	120	ug/Kg
123-91-1	1,4-Dioxane	76.9	U	76.9	90.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.2	U	52.2	90.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.1	U	58.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.183		18-112		51	SPK: -150
13127-88-3	Phenol-d6	73.938		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	64.876		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	45.104		20-109		45	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BG041124
Lab Sample ID:	P2070-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	50.09	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
BG060867.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.042		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	41.821		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68473	7.954				
1146-65-2	Naphthalene-d8	268548	10.745				
15067-26-2	Acenaphthene-d10	198490	14.576				
1517-22-2	Phenanthrene-d10	426100	17.325				
1719-03-5	Chrysene-d12	381458	21.591				
1520-96-3	Perylene-d12	458458	24.734				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			3.171	
000486-25-9	9H-Fluoren-9-one	58.9	J			16.973	
000132-65-0	Dibenzothiophene	69.4	J			17.143	
000832-69-9	Phenanthrene, 1-methyl-	120	J			18.207	
002531-84-2	Phenanthrene, 2-methyl-	290	J			18.248	
000613-12-7	Anthracene, 2-methyl-	57.3	J			18.33	
000203-64-5	4H-Cyclopenta[def]phenanthrene	270	J			18.395	
000832-71-3	Phenanthrene, 3-methyl-	73.8	J			18.436	
000612-94-2	Naphthalene, 2-phenyl-	110	J			18.7	
000084-65-1	9,10-Anthracenedione	120	J			18.735	
002789-88-0	di-p-Tolylacetylene	99	J			19.117	
001576-67-6	Phenanthrene, 3,6-dimethyl-	61.7	J			19.176	
005737-13-3	Cyclopenta(def)phenanthrenone	85.3	J			19.258	
000243-17-4	11H-Benzo[b]fluorene	52.9	J			20.063	
000238-84-6	11H-Benzo[a]fluorene	71.1	J			20.24	
002381-21-7	Pyrene, 1-methyl-	53.1	J			20.34	
1000115-87-3	Benzene, [4-(3-ethynylphenyl)-1,3-	85.3	J			21.262	
000479-79-8	11H-Benzo[a]fluoren-11-one	54.3	J			21.321	
000192-97-2	Benzo[e]pyrene	210	J			23.988	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BG041124
Lab Sample ID:	P2070-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	50.09	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
BG060867.D	1	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	730	J			24.441	



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	HR-01-041024			SDG No.:	BG041124	
Lab Sample ID:	P2072-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.02	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
BG060868.D	2	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	400	ug/Kg
110-86-1	Pyridine	95.8	U	95.8	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	400	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.4	U	99.4	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.6	U	99.6	320	400	ug/Kg
95-48-7	2-Methylphenol	96.7	U	96.7	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.7	U	95.7	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.3	U	48.3	96	96	ug/Kg
67-72-1	Hexachloroethane	99.6	U	99.6	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.6	U	90.6	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	400	ug/Kg
91-20-3	Naphthalene	99.1	U	99.1	160	200	ug/Kg
106-47-8	4-Chloroaniline	99.1	U	99.1	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	99.9	U	99.9	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	HR-01-041024	SDG No.:	BG041124
Lab Sample ID:	P2072-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 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
BG060868.D	2	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93	U	93	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	99	U	99	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.6	U	85.6	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.8	U	88.8	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	99.9	U	99.9	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	98	U	98	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.8	U	99.8	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97.3	U	97.3	160	200	ug/Kg
Total PAH	Total PAH	1579.8	U	1579.8	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.8	U	199.8	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
84-66-2	Diethylphthalate	96.1	U	96.1	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.9	U	97.9	160	200	ug/Kg
103-33-3	Azobenzene	95.5	U	95.5	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.6	U	94.6	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	HR-01-041024			SDG No.:	BG041124	
Lab Sample ID:	P2072-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.02	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
BG060868.D	2	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.7	U	92.7	320	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96.3	U	96.3	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	98	U	98	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	320	400	ug/Kg
129-00-0	Pyrene	99.6	U	99.6	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	96.8	U	96.8	160	200	ug/Kg
218-01-9	Chrysene	95.4	U	95.4	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.3	U	97.3	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.1	U	99.1	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93.7	U	93.7	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.4	U	97.4	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.1	U	96.1	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.6	U	89.6	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.8	U	99.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.836		18-112		59	SPK: -150
13127-88-3	Phenol-d6	80.702		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	75.606		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	63.242		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	HR-01-041024	SDG No.:	BG041124
Lab Sample ID:	P2072-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 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
BG060868.D	2	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	114.924		10-110		77	SPK: -150
1718-51-0	Terphenyl-d14	61.784		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66047	7.949				
1146-65-2	Naphthalene-d8	247826	10.745				
15067-26-2	Acenaphthene-d10	175318	14.576				
1517-22-2	Phenanthrene-d10	367564	17.326				
1719-03-5	Chrysene-d12	340987	21.586				
1520-96-3	Perylene-d12	409447	24.735				
TENTATIVE IDENTIFIED COMPOUNDS							
001120-21-4	Undecane	1000	J			9.188	
000544-76-3	Hexadecane	780	J			12.179	
000629-59-4	Tetradecane	1600	J			13.419	
000629-62-9	Pentadecane	1800	J			14.494	
000629-78-7	Heptadecane	1900	J			15.452	
062108-26-3	Decane, 2,6,8-trimethyl-	900	J			15.857	
000629-92-5	Nonadecane	2800	J			16.315	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	910	J			16.339	
000593-45-3	Octadecane	2400	J			17.108	
001560-96-9	Tridecane, 2-methyl-	1200	J			17.161	
000112-95-8	Eicosane	2000	J			17.849	
000112-39-0	Hexadecanoic acid, methyl ester	3600	J			18.019	
055045-13-1	Tetradecane, 6,9-dimethyl-	1900	J			18.542	
002566-97-4	9,12-Octadecadienoic acid, methyl	17900	J			19.165	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	11000	J			19.2	
000112-61-8	Methyl stearate	1900	J			19.323	
000060-33-3	9,12-Octadecadienoic acid (Z,Z)-	800	J			19.371	
013151-43-4	Cyclodecane, methyl-	720	J			19.394	
006418-46-8	Eicosane, 3-methyl-	970	J			19.747	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	HR-01-041024	SDG No.:	BG041124
Lab Sample ID:	P2072-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 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
BG060868.D	2	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000593-49-7	Heptacosane	750	J			20.281	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PL-01-041024	SDG No.:	BG041124
Lab Sample ID:	P2071-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.03 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
BG060869.D	5	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	890	1100	ug/Kg
110-86-1	Pyridine	260	U	260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	560	ug/Kg
108-95-2	Phenol	270	U	270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	430	560	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	430	560	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	560	ug/Kg
98-86-2	Acetophenone	290	U	290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	430	560	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	560	ug/Kg
78-59-1	Isophorone	280	U	280	430	560	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	560	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	430	560	ug/Kg



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	PL-01-041024			SDG No.:	BG041124	
Lab Sample ID:	P2071-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	9.3	
Sample Wt/Vol:	50.03	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
BG060869.D	5	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	430	560	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	290	U	290	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	430	560	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	430	560	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	560	ug/Kg
Total PAH	Total PAH	4380	U	4380	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	890	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	560	U	560	430	1120	ug/Kg
84-66-2	Diethylphthalate	260	U	260	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	280	U	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PL-01-041024	SDG No.:	BG041124
Lab Sample ID:	P2071-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.03 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
BG060869.D	5	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	890	1100	ug/Kg
85-01-8	Phenanthrene	420	J	280	430	560	ug/Kg
120-12-7	Anthracene	280	U	280	430	560	ug/Kg
86-74-8	Carbazole	270	U	270	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	900		270	430	560	ug/Kg
92-87-5	Benzidine	540	U	540	890	1100	ug/Kg
129-00-0	Pyrene	880		270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	420	J	270	430	560	ug/Kg
218-01-9	Chrysene	450	J	260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	580		270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	430	J	310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	430	560	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.425		18-112		52	SPK: -150
13127-88-3	Phenol-d6	74.875		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	68.24		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	57.34		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PL-01-041024	SDG No.:	BG041124
Lab Sample ID:	P2071-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.03 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
BG060869.D	5	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.26		10-110		69	SPK: -150
1718-51-0	Terphenyl-d14	56.715		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66894	7.952				
1146-65-2	Naphthalene-d8	254145	10.749				
15067-26-2	Acenaphthene-d10	177522	14.58				
1517-22-2	Phenanthrene-d10	361306	17.33				
1719-03-5	Chrysene-d12	340756	21.589				
1520-96-3	Perylene-d12	388185	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
062108-25-2	Decane, 2,6,7-trimethyl-	370	J			11.783	
1010309-12-5	Sulfurous acid, 2-propyl tetradecy	800	J			12.177	
074645-98-0	Dodecane, 2,7,10-trimethyl-	340	J			13.134	
000629-59-4	Tetradecane	1000	J			13.422	
001120-21-4	Undecane	400	J			14.08	
000629-50-5	Tridecane	1300	J			14.492	
000629-93-6	Octadecane, 1-iodo-	450	J			15.115	
000544-76-3	Hexadecane	1300	J			15.444	
017301-28-9	Undecane, 3,6-dimethyl-	610	J			15.855	
000629-94-7	Heneicosane	1500	J			16.307	
005911-04-6	Nonane, 3-methyl-	510	J			16.337	
055045-09-5	Tridecane, 7-propyl-	1200	J			17.106	
031295-56-4	Dodecane, 2,6,11-trimethyl-	740	J			17.159	
000629-92-5	Nonadecane	1100	J			17.847	
000112-39-0	Hexadecanoic acid, methyl ester	790	J			18.011	
000057-10-3	n-Hexadecanoic acid	790	J			18.234	
000112-95-8	Eicosane	910	J			18.534	
002566-97-4	9,12-Octadecadienoic acid, methyl	3800	J			19.151	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	2500	J			19.186	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	PL-01-041024	SDG No.:	BG041124
Lab Sample ID:	P2071-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.03	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
BG060869.D	5	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000112-61-8	Methyl stearate	470	J			19.321	



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	HR-02-041024			SDG No.:	BG041124	
Lab Sample ID:	P2072-03			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.05	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
BG060870.D	5	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	260	U	260	810	990	ug/Kg
110-86-1	Pyridine	240	U	240	390	510	ug/Kg
100-52-7	Benzaldehyde	550	U	550	810	990	ug/Kg
62-53-3	Aniline	290	U	290	390	510	ug/Kg
108-95-2	Phenol	250	U	250	390	510	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	250	U	250	390	510	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	390	510	ug/Kg
95-50-1	1,2-Dichlorobenzene	250	U	250	390	510	ug/Kg
541-73-1	1,3-Dichlorobenzene	260	U	260	390	510	ug/Kg
106-46-7	1,4-Dichlorobenzene	260	U	260	390	510	ug/Kg
100-51-6	Benzyl Alcohol	250	U	250	810	990	ug/Kg
95-48-7	2-Methylphenol	240	U	240	390	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	270	U	270	390	510	ug/Kg
98-86-2	Acetophenone	260	U	260	390	510	ug/Kg
65794-96-9	3+4-Methylphenols	240	U	240	810	990	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	240	240	ug/Kg
67-72-1	Hexachloroethane	250	U	250	390	510	ug/Kg
98-95-3	Nitrobenzene	270	U	270	390	510	ug/Kg
78-59-1	Isophorone	250	U	250	390	510	ug/Kg
88-75-5	2-Nitrophenol	280	U	280	390	510	ug/Kg
105-67-9	2,4-Dimethylphenol	280	U	280	390	510	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260	U	260	390	510	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	390	510	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260	U	260	390	510	ug/Kg
65-85-0	Benzoic acid	710	U	710	810	990	ug/Kg
91-20-3	Naphthalene	250	U	250	390	510	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	390	510	ug/Kg
87-68-3	Hexachlorobutadiene	250	U	250	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	HR-02-041024	SDG No.:	BG041124
Lab Sample ID:	P2072-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 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
BG060870.D	5	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	260	U	260	810	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	230	U	230	390	510	ug/Kg
91-57-6	2-Methylnaphthalene	340	J	250	390	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	810	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	210	U	210	390	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	U	220	390	510	ug/Kg
92-52-4	1,1-Biphenyl	260	U	260	390	510	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	250	390	510	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	390	510	ug/Kg
131-11-3	Dimethylphthalate	240	U	240	390	510	ug/Kg
208-96-8	Acenaphthylene	260	U	260	390	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	390	510	ug/Kg
99-09-2	3-Nitroaniline	270	U	270	390	510	ug/Kg
83-32-9	Acenaphthene	240	U	240	390	510	ug/Kg
Total PAH	Total PAH	3960	U	3960	390	8160	ug/Kg
51-28-5	2,4-Dinitrophenol	730	U	730	810	990	ug/Kg
100-02-7	4-Nitrophenol	350	U	350	810	990	ug/Kg
132-64-9	Dibenzofuran	250	U	250	390	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	390	510	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	510	U	510	390	1020	ug/Kg
84-66-2	Diethylphthalate	240	U	240	390	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	390	510	ug/Kg
86-73-7	Fluorene	260	U	260	390	510	ug/Kg
100-01-6	4-Nitroaniline	320	U	320	390	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	350	810	990	ug/Kg
86-30-6	n-Nitrosodiphenylamine	240	U	240	390	510	ug/Kg
103-33-3	Azobenzene	240	U	240	390	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	390	510	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	390	510	ug/Kg
1912-24-9	Atrazine	270	U	270	390	510	ug/Kg



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	HR-02-041024			SDG No.:	BG041124	
Lab Sample ID:	P2072-03			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.05	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
BG060870.D	5	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	230	U	230	810	990	ug/Kg
85-01-8	Phenanthrene	250	U	250	390	510	ug/Kg
120-12-7	Anthracene	250	U	250	390	510	ug/Kg
86-74-8	Carbazole	240	U	240	390	510	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	390	510	ug/Kg
206-44-0	Fluoranthene	240	U	240	390	510	ug/Kg
92-87-5	Benzidine	490	U	490	810	990	ug/Kg
129-00-0	Pyrene	250	U	250	390	510	ug/Kg
85-68-7	Butylbenzylphthalate	290	U	290	390	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	810	990	ug/Kg
56-55-3	Benzo(a)anthracene	240	U	240	390	510	ug/Kg
218-01-9	Chrysene	240	U	240	390	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	390	510	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	330	810	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	U	240	390	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	U	250	390	510	ug/Kg
50-32-8	Benzo(a)pyrene	280	U	280	390	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	230	390	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	U	240	390	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240	U	240	390	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	390	510	ug/Kg
123-91-1	1,4-Dioxane	330	U	330	390	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	220	390	510	ug/Kg
90-12-0	1-Methylnaphthalene	250	J	250	510	510	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.36		18-112		48	SPK: -150
13127-88-3	Phenol-d6	65.225		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	64.98		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	54.735		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	HR-02-041024	SDG No.:	BG041124
Lab Sample ID:	P2072-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 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
BG060870.D	5	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.725		10-110		64	SPK: -150
1718-51-0	Terphenyl-d14	53.025		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71290	7.954				
1146-65-2	Naphthalene-d8	254324	10.75				
15067-26-2	Acenaphthene-d10	177925	14.581				
1517-22-2	Phenanthrene-d10	373027	17.331				
1719-03-5	Chrysene-d12	351804	21.591				
1520-96-3	Perylene-d12	407614	24.734				
TENTATIVE IDENTIFIED COMPOUNDS							
001120-21-4	Undecane	3600	J			9.193	
002040-14-4	Propiophenone, 2-methyl-	1400	J			9.317	
000629-50-5	Tridecane	1700	J			12.184	
000629-59-4	Tetradecane	4900	J			13.424	
000544-76-3	Hexadecane	1400	J			14.082	
000629-62-9	Pentadecane	5600	J			14.499	
001560-96-9	Tridecane, 2-methyl-	1500	J			15.116	
004292-19-7	Dodecane, 1-iodo-	5600	J			15.451	
062108-26-3	Decane, 2,6,8-trimethyl-	2400	J			15.856	
000629-78-7	Heptadecane	8900	J			16.314	
000593-45-3	Octadecane	7200	J			17.108	
026730-12-1	Tridecane, 4-methyl-	3400	J			17.16	
054833-23-7	Eicosane, 10-methyl-	6200	J			17.848	
000112-39-0	Hexadecanoic acid, methyl ester	6300	J			18.018	
055045-08-4	Dodecane, 2-methyl-6-propyl-	5500	J			18.541	
002566-97-4	9,12-Octadecadienoic acid, methyl	31500	J			19.164	
052380-33-3	11-Octadecenoic acid, methyl ester	17300	J			19.193	
000112-61-8	Methyl stearate	3100	J			19.323	
007225-66-3	Tridecane, 7-hexyl-	2500	J			19.746	

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	HR-02-041024	SDG No.:	BG041124
Lab Sample ID:	P2072-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG060870.D	5	4/11/2024 12:00:00 AM	4/11/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000630-01-3	Hexacosane	1700	J			20.28	

Hit Summary Sheet SW-846

SDG No.: BG041124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ETGI-346								
P2067-01	ETGI-346	Solid	11H-Benzo[a]fluorene	*	81.100	J		
P2067-01	ETGI-346	Solid	1H-Indene, 2-phenyl-	*	140.000	J		
P2067-01	ETGI-346	Solid	4H-Cyclopenta[def]phenanthrene	*	410.000	J		
P2067-01	ETGI-346	Solid	9,10-Anthracenedione	*	130.000	J		
P2067-01	ETGI-346	Solid	9H-Fluoren-3-ol	*	68.500	J		
P2067-01	ETGI-346	Solid	9H-Fluoren-9-one	*	70.500	J		
P2067-01	ETGI-346	Solid	Anthracene, 2-methyl-	*	66.100	J		
P2067-01	ETGI-346	Solid	Benzo[e]pyrene	*	210.000	J		
P2067-01	ETGI-346	Solid	Butane, 2-methoxy-2-methyl-	*	72.300	J		
P2067-01	ETGI-346	Solid	Cyclopenta(def)phenanthrenone	*	140.000	J		
P2067-01	ETGI-346	Solid	Dibenzothiophene	*	71.900	J		
P2067-01	ETGI-346	Solid	Naphthalene, 2-phenyl-	*	130.000	J		
P2067-01	ETGI-346	Solid	Perylene	*	570.000	J		
P2067-01	ETGI-346	Solid	Phenanthrene, 1-methyl-	*	410.000	J		
P2067-01	ETGI-346	Solid	Phenanthrene, 2,5-dimethyl-	*	130.000	J		
P2067-01	ETGI-346	Solid	Phenanthrene, 2-methyl-	*	200.000	J		
P2067-01	ETGI-346	Solid	Pyrene, 1-methyl-	*	68.100	J		
P2067-01	ETGI-346	Solid	unknown19.181	*	100.000	J		
P2067-01	ETGI-346	Solid	unknown21.261	*	78.100	J		
P2067-01	ETGI-346	Solid	unknown24.798	*	270.000	J		
Total Tics :					3,416.60			
P2067-01	ETGI-346	Solid	Acenaphthylene		130.000	51.8	100	ug/Kg
P2067-01	ETGI-346	Solid	Anthracene		210.000	50.6	100	ug/Kg
P2067-01	ETGI-346	Solid	Benzo(a)anthracene		890.000	48.3	100	ug/Kg
P2067-01	ETGI-346	Solid	Benzo(a)pyrene		810.000	55.7	100	ug/Kg
P2067-01	ETGI-346	Solid	Benzo(b)fluoranthene		1,100.000	48.6	100	ug/Kg
P2067-01	ETGI-346	Solid	Benzo(g,h,i)perylene		470.000	48	100	ug/Kg
P2067-01	ETGI-346	Solid	Benzo(k)fluoranthene		400.000	49.5	100	ug/Kg
P2067-01	ETGI-346	Solid	Carbazole		79.400	J 48.1	100	ug/Kg
P2067-01	ETGI-346	Solid	Chrysene		860.000	47.6	100	ug/Kg
P2067-01	ETGI-346	Solid	Dibenzo(a,h)anthracene		140.000	48.6	100	ug/Kg
P2067-01	ETGI-346	Solid	Dibenzofuran		63.800	J 50.6	100	ug/Kg
P2067-01	ETGI-346	Solid	Fluoranthene		1,700.000	E 48.9	100	ug/Kg
P2067-01	ETGI-346	Solid	Fluorene		150.000	51.2	100	ug/Kg
P2067-01	ETGI-346	Solid	Indeno(1,2,3-cd)pyrene		420.000	46.8	100	ug/Kg
P2067-01	ETGI-346	Solid	Phenanthrene		1,200.000	50.3	100	ug/Kg
P2067-01	ETGI-346	Solid	Pyrene		1,500.000	49.7	100	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG041124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2067-01	ETGI-346	Solid	Total PAH	9,980.000		793.7	1600	ug/Kg
Total Svoc :				20,103.20				
Total Concentration:				23,519.80				
Client ID : TP-1								
P2070-01	TP-1	Solid	4H-Cyclopenta[def]phenanthrene *	67.400	J			
P2070-01	TP-1	Solid	Benzo[e]pyrene *	220.000	J			
P2070-01	TP-1	Solid	Butane, 2-methoxy-2-methyl- *	120.000	J			
P2070-01	TP-1	Solid	n-Hexadecanoic acid *	140.000	J			
P2070-01	TP-1	Solid	Perylene *	440.000	J			
P2070-01	TP-1	Solid	unknown21.260 *	85.100	J			
Total Tics :				1,072.50				
P2070-01	TP-1	Solid	Benzo(a)anthracene	270.000		53.5	110	ug/Kg
P2070-01	TP-1	Solid	Benzo(a)pyrene	280.000		61.6	110	ug/Kg
P2070-01	TP-1	Solid	Benzo(b)fluoranthene	400.000		53.8	110	ug/Kg
P2070-01	TP-1	Solid	Benzo(g,h,i)perylene	190.000		53.1	110	ug/Kg
P2070-01	TP-1	Solid	Benzo(k)fluoranthene	120.000		54.7	110	ug/Kg
P2070-01	TP-1	Solid	Chrysene	250.000		52.7	110	ug/Kg
P2070-01	TP-1	Solid	Fluoranthene	490.000		54.1	110	ug/Kg
P2070-01	TP-1	Solid	Indeno(1,2,3-cd)pyrene	170.000		51.8	110	ug/Kg
P2070-01	TP-1	Solid	Phenanthrene	240.000		55.7	110	ug/Kg
P2070-01	TP-1	Solid	Pyrene	420.000		55	110	ug/Kg
Total Svoc :				2,830.00				
Total Concentration:				3,902.50				
Client ID : TP-2								
P2070-03	TP-2	Solid	11H-Benzo[b]fluorene *	54.200	J			
P2070-03	TP-2	Solid	7H-Benzo[c]carbazole *	53.500	J			
P2070-03	TP-2	Solid	Benzo[e]pyrene *	700.000	J			
P2070-03	TP-2	Solid	Benzo[ghi]fluoranthene *	86.000	J			
P2070-03	TP-2	Solid	Benzo[j]fluoranthene *	410.000	J			
P2070-03	TP-2	Solid	Butane, 2-methoxy-2-methyl- *	150.000	J			
P2070-03	TP-2	Solid	Cyclopenta(def)phenanthrenone *	58.400	J			
P2070-03	TP-2	Solid	n-Hexadecanoic acid *	190.000	J			
P2070-03	TP-2	Solid	Perylene *	270.000	J			
P2070-03	TP-2	Solid	Phenanthrene, 1,7-dimethyl- *	52.600	J			
P2070-03	TP-2	Solid	Thiophene-3-carboxaldehyde, 5-cl *	74.500	J			
Total Tics :				2,099.20				
P2070-03	TP-2	Solid	Acenaphthylene	140.000		58.1	110	ug/Kg
P2070-03	TP-2	Solid	Benzo(a)anthracene	730.000		54.2	110	ug/Kg
P2070-03	TP-2	Solid	Benzo(a)pyrene	1,000.000		62.4	110	ug/Kg
P2070-03	TP-2	Solid	Benzo(b)fluoranthene	1,200.000		54.5	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG041124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2070-03	TP-2	Solid	Benzo(g,h,i)perylene	670.000		53.8	110	ug/Kg
P2070-03	TP-2	Solid	Benzo(k)fluoranthene	480.000		55.5	110	ug/Kg
P2070-03	TP-2	Solid	Chrysene	620.000		53.4	110	ug/Kg
P2070-03	TP-2	Solid	Dibenzo(a,h)anthracene	180.000		54.5	110	ug/Kg
P2070-03	TP-2	Solid	Fluoranthene	800.000		54.9	110	ug/Kg
P2070-03	TP-2	Solid	Indeno(1,2,3-cd)pyrene	630.000		52.4	110	ug/Kg
P2070-03	TP-2	Solid	Phenanthrene	110.000		56.4	110	ug/Kg
P2070-03	TP-2	Solid	Pyrene	840.000		55.7	110	ug/Kg

Total Svoc : 7,400.00
Total Concentration: 9,499.20

Client ID : TP-3

P2070-05	TP-3	Solid	11H-Benzo[a]fluoren-11-one	*	43.700	J		
P2070-05	TP-3	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		
P2070-05	TP-3	Solid	7H-Benz[de]anthracen-7-one	*	49.900	J		
P2070-05	TP-3	Solid	9,10-Anthracenedione	*	48.400	J		
P2070-05	TP-3	Solid	9,10-Dimethylanthracene	*	45.800	J		
P2070-05	TP-3	Solid	Benzene, [4-(3-ethynylphenyl)-1,3-	*	75.300	J		
P2070-05	TP-3	Solid	Benzo[e]pyrene	*	140.000	J		
P2070-05	TP-3	Solid	Butane, 2-methoxy-2-methyl-	*	130.000	J		
P2070-05	TP-3	Solid	Cyclopenta(def)phenanthrenone	*	56.800	J		
P2070-05	TP-3	Solid	n-Hexadecanoic acid	*	210.000	J		
P2070-05	TP-3	Solid	Naphthalene, 2-phenyl-	*	47.300	J		
P2070-05	TP-3	Solid	Perylene	*	400.000	J		
P2070-05	TP-3	Solid	Phenanthrene, 2-methyl-	*	51.200	J		
P2070-05	TP-3	Solid	Phenanthrene, 4-methyl-	*	44.100	J		

Total Tics : 1,462.50

P2070-05	TP-3	Solid	Anthracene		110.000	54.4	110	ug/Kg
P2070-05	TP-3	Solid	Benzo(a)anthracene		510.000	52.1	110	ug/Kg
P2070-05	TP-3	Solid	Benzo(a)pyrene		490.000	60	110	ug/Kg
P2070-05	TP-3	Solid	Benzo(b)fluoranthene		700.000	52.3	110	ug/Kg
P2070-05	TP-3	Solid	Benzo(g,h,i)perylene		350.000	51.7	110	ug/Kg
P2070-05	TP-3	Solid	Benzo(k)fluoranthene		220.000	53.3	110	ug/Kg
P2070-05	TP-3	Solid	Carbazole		62.400	J 51.8	110	ug/Kg
P2070-05	TP-3	Solid	Chrysene		470.000	51.3	110	ug/Kg
P2070-05	TP-3	Solid	Dibenzo(a,h)anthracene		87.800	J 52.4	110	ug/Kg
P2070-05	TP-3	Solid	Fluoranthene		880.000	52.7	110	ug/Kg
P2070-05	TP-3	Solid	Indeno(1,2,3-cd)pyrene		310.000	50.4	110	ug/Kg
P2070-05	TP-3	Solid	Phenanthrene		510.000	54.2	110	ug/Kg
P2070-05	TP-3	Solid	Pyrene		770.000	53.5	110	ug/Kg

Total Svoc : 5,470.20

Hit Summary Sheet SW-846

SDG No.: BG041124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				6,932.70				
Client ID : TP-4								
P2070-07	TP-4	Solid	11H-Benzo[a]fluoren-11-one	*	54.300	J		
P2070-07	TP-4	Solid	11H-Benzo[a]fluorene	*	71.100	J		
P2070-07	TP-4	Solid	11H-Benzo[b]fluorene	*	52.900	J		
P2070-07	TP-4	Solid	4H-Cyclopenta[def]phenanthrene	*	270.000	J		
P2070-07	TP-4	Solid	9,10-Anthracenedione	*	120.000	J		
P2070-07	TP-4	Solid	9H-Fluoren-9-one	*	58.900	J		
P2070-07	TP-4	Solid	Anthracene, 2-methyl-	*	57.300	J		
P2070-07	TP-4	Solid	Benzene, [4-(3-ethynylphenyl)-1,2-	*	85.300	J		
P2070-07	TP-4	Solid	Benzo[e]pyrene	*	210.000	J		
P2070-07	TP-4	Solid	Butane, 2-methoxy-2-methyl-	*	110.000	J		
P2070-07	TP-4	Solid	Cyclopenta(def)phenanthrenone	*	85.300	J		
P2070-07	TP-4	Solid	di-p-Tolylacetylene	*	99.000	J		
P2070-07	TP-4	Solid	Dibenzothiophene	*	69.400	J		
P2070-07	TP-4	Solid	Naphthalene, 2-phenyl-	*	110.000	J		
P2070-07	TP-4	Solid	Perylene	*	730.000	J		
P2070-07	TP-4	Solid	Phenanthrene, 1-methyl-	*	120.000	J		
P2070-07	TP-4	Solid	Phenanthrene, 2-methyl-	*	290.000	J		
P2070-07	TP-4	Solid	Phenanthrene, 3,6-dimethyl-	*	61.700	J		
P2070-07	TP-4	Solid	Phenanthrene, 3-methyl-	*	73.800	J		
P2070-07	TP-4	Solid	Pyrene, 1-methyl-	*	53.100	J		
Total Tics :				2,782.10				
P2070-07	TP-4	Solid	Acenaphthene		130.000	56.7	120	ug/Kg
P2070-07	TP-4	Solid	Anthracene		240.000	59	120	ug/Kg
P2070-07	TP-4	Solid	Benzo(a)anthracene		890.000	56.4	120	ug/Kg
P2070-07	TP-4	Solid	Benzo(a)pyrene		900.000	65	120	ug/Kg
P2070-07	TP-4	Solid	Benzo(b)fluoranthene		1,300.000	56.7	120	ug/Kg
P2070-07	TP-4	Solid	Benzo(g,h,i)perylene		550.000	56	120	ug/Kg
P2070-07	TP-4	Solid	Benzo(k)fluoranthene		380.000	57.7	120	ug/Kg
P2070-07	TP-4	Solid	Carbazole		160.000	56.1	120	ug/Kg
P2070-07	TP-4	Solid	Chrysene		900.000	55.6	120	ug/Kg
P2070-07	TP-4	Solid	Dibenzo(a,h)anthracene		150.000	56.7	120	ug/Kg
P2070-07	TP-4	Solid	Dibenzofuran		65.900	J 59	120	ug/Kg
P2070-07	TP-4	Solid	Fluoranthene		1,700.000	57.1	120	ug/Kg
P2070-07	TP-4	Solid	Fluorene		120.000	59.8	120	ug/Kg
P2070-07	TP-4	Solid	Indeno(1,2,3-cd)pyrene		520.000	54.6	120	ug/Kg
P2070-07	TP-4	Solid	Naphthalene		81.700	J 57.7	120	ug/Kg
P2070-07	TP-4	Solid	Phenanthrene		1,200.000	58.7	120	ug/Kg
P2070-07	TP-4	Solid	Pyrene		1,500.000	58	120	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG041124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2070-07	TP-4	Solid	Total PAH	10,561.000		926.2	1920	ug/Kg
Total Svoc :				21,348.60				
Total Concentration:				24,130.70				
Client ID : TP-5								
P2070-09	TP-5	Solid	2-(Pentyloxycarbonyl)benzoic aci *	76.200	J			
P2070-09	TP-5	Solid	2-Isopropyl-5-methyl-1-heptanol *	60.200	J			
P2070-09	TP-5	Solid	4-Methylheneicosane *	170.000	J			
P2070-09	TP-5	Solid	Butane, 2-methoxy-2-methyl- *	160.000	J			
P2070-09	TP-5	Solid	Cycloeicosane *	140.000	J			
P2070-09	TP-5	Solid	Dodecane, 2-methyl-6-propyl- *	160.000	J			
P2070-09	TP-5	Solid	n-Hexadecanoic acid *	260.000	J			
P2070-09	TP-5	Solid	Octacosane *	190.000	J			
P2070-09	TP-5	Solid	Octadecane *	150.000	J			
P2070-09	TP-5	Solid	Octadecanoic acid *	2,700.000	J			
P2070-09	TP-5	Solid	Tetracosane *	170.000	J			
P2070-09	TP-5	Solid	Tetradecane *	71.700	J			
P2070-09	TP-5	Solid	Tetradecane, 1-iodo- *	130.000	J			
P2070-09	TP-5	Solid	Tetradecanoic acid *	82.400	J			
P2070-09	TP-5	Solid	unknown14.808 *	53.900	J			
Total Tics :				4,574.40				
Total Concentration:				4,574.40				
Client ID : PL-01-041024								
P2071-01	PL-01-041024	Solid	9,12-Octadecadienoic acid, methy *	3,800.000	J			
P2071-01	PL-01-041024	Solid	9-Octadecenoic acid (Z)-, methyl *	2,500.000	J			
P2071-01	PL-01-041024	Solid	Decane, 2,6,7-trimethyl- *	370.000	J			
P2071-01	PL-01-041024	Solid	Dodecane, 2,6,11-trimethyl- *	740.000	J			
P2071-01	PL-01-041024	Solid	Dodecane, 2,7,10-trimethyl- *	340.000	J			
P2071-01	PL-01-041024	Solid	Eicosane *	910.000	J			
P2071-01	PL-01-041024	Solid	Heneicosane *	1,500.000	J			
P2071-01	PL-01-041024	Solid	Hexadecane *	1,300.000	J			
P2071-01	PL-01-041024	Solid	Hexadecanoic acid, methyl ester *	790.000	J			
P2071-01	PL-01-041024	Solid	Methyl stearate *	470.000	J			
P2071-01	PL-01-041024	Solid	n-Hexadecanoic acid *	790.000	J			
P2071-01	PL-01-041024	Solid	Nonadecane *	1,100.000	J			
P2071-01	PL-01-041024	Solid	Nonane, 3-methyl- *	510.000	J			
P2071-01	PL-01-041024	Solid	Octadecane, 1-iodo- *	450.000	J			
P2071-01	PL-01-041024	Solid	Sulfurous acid, 2-propyl tetradecy *	800.000	J			
P2071-01	PL-01-041024	Solid	Tetradecane *	1,000.000	J			
P2071-01	PL-01-041024	Solid	Tridecane *	1,300.000	J			

Hit Summary Sheet SW-846

SDG No.: BG041124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2071-01	PL-01-041024	Solid	Tridecane, 7-propyl-	*	1,200.000	J		
P2071-01	PL-01-041024	Solid	Undecane	*	400.000	J		
P2071-01	PL-01-041024	Solid	Undecane, 3,6-dimethyl-	*	610.000	J		
Total Tics :				20,880.00				
P2071-01	PL-01-041024	Solid	Benzo(a)anthracene		420.000	J	270	ug/Kg
P2071-01	PL-01-041024	Solid	Benzo(a)pyrene		430.000	J	310	ug/Kg
P2071-01	PL-01-041024	Solid	Benzo(b)fluoranthene		580.000		270	ug/Kg
P2071-01	PL-01-041024	Solid	Chrysene		450.000	J	260	ug/Kg
P2071-01	PL-01-041024	Solid	Fluoranthene		900.000		270	ug/Kg
P2071-01	PL-01-041024	Solid	Phenanthrene		420.000	J	280	ug/Kg
P2071-01	PL-01-041024	Solid	Pyrene		880.000		270	ug/Kg
Total Svoc :				4,080.00				
Total Concentration:				24,960.00				

Client ID : HR-01-041024

P2072-01	HR-01-041024	Solid	9,12-Octadecadienoic acid (Z,Z)-	*	800.000	J		
P2072-01	HR-01-041024	Solid	9,12-Octadecadienoic acid, methyl	*	17,900.000	J		
P2072-01	HR-01-041024	Solid	9-Octadecenoic acid (Z)-, methyl	*	11,000.000	J		
P2072-01	HR-01-041024	Solid	Cyclodecane, methyl-	*	720.000	J		
P2072-01	HR-01-041024	Solid	Decane, 2,6,8-trimethyl-	*	900.000	J		
P2072-01	HR-01-041024	Solid	Eicosane	*	2,000.000	J		
P2072-01	HR-01-041024	Solid	Eicosane, 3-methyl-	*	970.000	J		
P2072-01	HR-01-041024	Solid	Heptacosane	*	750.000	J		
P2072-01	HR-01-041024	Solid	Heptadecane	*	1,900.000	J		
P2072-01	HR-01-041024	Solid	Hexadecane	*	780.000	J		
P2072-01	HR-01-041024	Solid	Hexadecane, 2,6,10,14-tetramethyl	*	910.000	J		
P2072-01	HR-01-041024	Solid	Hexadecanoic acid, methyl ester	*	3,600.000	J		
P2072-01	HR-01-041024	Solid	Methyl stearate	*	1,900.000	J		
P2072-01	HR-01-041024	Solid	Nonadecane	*	2,800.000	J		
P2072-01	HR-01-041024	Solid	Octadecane	*	2,400.000	J		
P2072-01	HR-01-041024	Solid	Pentadecane	*	1,800.000	J		
P2072-01	HR-01-041024	Solid	Tetradecane	*	1,600.000	J		
P2072-01	HR-01-041024	Solid	Tetradecane, 6,9-dimethyl-	*	1,900.000	J		
P2072-01	HR-01-041024	Solid	Tridecane, 2-methyl-	*	1,200.000	J		
P2072-01	HR-01-041024	Solid	Undecane	*	1,000.000	J		
Total Tics :				56,830.00				
Total Concentration:				56,830.00				

Client ID : HR-02-041024

P2072-03	HR-02-041024	Solid	11-Octadecenoic acid, methyl ester	*	17,300.000	J		
P2072-03	HR-02-041024	Solid	9,12-Octadecadienoic acid, methyl	*	31,500.000	J		

Hit Summary Sheet SW-846

SDG No.: BG041124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2072-03	HR-02-041024	Solid	Decane, 2,6,8-trimethyl-	*	2,400.000	J		
P2072-03	HR-02-041024	Solid	Dodecane, 1-iodo-	*	5,600.000	J		
P2072-03	HR-02-041024	Solid	Dodecane, 2-methyl-6-propyl-	*	5,500.000	J		
P2072-03	HR-02-041024	Solid	Eicosane, 10-methyl-	*	6,200.000	J		
P2072-03	HR-02-041024	Solid	Heptadecane	*	8,900.000	J		
P2072-03	HR-02-041024	Solid	Hexacosane	*	1,700.000	J		
P2072-03	HR-02-041024	Solid	Hexadecane	*	1,400.000	J		
P2072-03	HR-02-041024	Solid	Hexadecanoic acid, methyl ester	*	6,300.000	J		
P2072-03	HR-02-041024	Solid	Methyl stearate	*	3,100.000	J		
P2072-03	HR-02-041024	Solid	Octadecane	*	7,200.000	J		
P2072-03	HR-02-041024	Solid	Pentadecane	*	5,600.000	J		
P2072-03	HR-02-041024	Solid	Propiophenone, 2-methyl-	*	1,400.000	J		
P2072-03	HR-02-041024	Solid	Tetradecane	*	4,900.000	J		
P2072-03	HR-02-041024	Solid	Tridecane	*	1,700.000	J		
P2072-03	HR-02-041024	Solid	Tridecane, 2-methyl-	*	1,500.000	J		
P2072-03	HR-02-041024	Solid	Tridecane, 4-methyl-	*	3,400.000	J		
P2072-03	HR-02-041024	Solid	Tridecane, 7-hexyl-	*	2,500.000	J		
P2072-03	HR-02-041024	Solid	Undecane	*	3,600.000	J		
Total Tics :					121,700.00			
P2072-03	HR-02-041024	Solid	1-Methylnaphthalene		250.000	J 250	510	ug/Kg
P2072-03	HR-02-041024	Solid	2-Methylnaphthalene		340.000	J 250	510	ug/Kg
Total Svoc :					590.00			
Total Concentration:					122,290.00			



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.: BG041124 SAS No.: BG041124 SDG NO.: BG041124

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 14:02

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 PB160120BL	46713	7.94	184857	10.75	151188	14.58
02 PB160120BS	53167	7.95	228321	10.75	186721	14.58
03 TP-5	56267	7.95	213021	10.75	169434	14.58
04 TP-5MS	62333	7.95	244113	10.75	186023	14.58
05 TP-5MSD	59477	7.95	243630	10.74	189411	14.58
06 TP-1	66287	7.95	252861	10.74	193417	14.57
07 ETGI-346	62848	7.95	249259	10.74	183727	14.58
08 TP-2	63656	7.95	249671	10.74	195893	14.58
09 TP-3	72526	7.95	280723	10.74	210491	14.58
10 TP-4	68473	7.95	268548	10.75	198490	14.58
11 HR-01-041024	66047	7.95	247826	10.75	175318	14.58
12 PL-01-041024	66894	7.95	254145	10.75	177522	14.58
13 HR-02-041024	71290	7.95	254324	10.75	177925	14.58

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.: BG041124 SAS No.: BG041124 SDG NO.: BG041124

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BG060857.D Time Analyzed: 14:02

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	63444	7.948	261306	10.75	203588	14.58
UPPER LIMIT	126888	8.448	522612	11.245	407176	15.082
LOWER LIMIT	31722	7.448	130653	10.245	101794	14.082
EPA SAMPLE NO.						
01 PB160120BL	46713	7.94	184857	10.75	151188	14.58
02 PB160120BS	53167	7.95	228321	10.75	186721	14.58
03 TP-5	56267	7.95	213021	10.75	169434	14.58
04 TP-5MS	62333	7.95	244113	10.75	186023	14.58
05 TP-5MSD	59477	7.95	243630	10.74	189411	14.58
06 TP-1	66287	7.95	252861	10.74	193417	14.57
07 ETGI-346	62848	7.95	249259	10.74	183727	14.58
08 TP-2	63656	7.95	249671	10.74	195893	14.58
09 TP-3	72526	7.95	280723	10.74	210491	14.58
10 TP-4	68473	7.95	268548	10.75	198490	14.58
11 HR-01-041024	66047	7.95	247826	10.75	175318	14.58
12 PL-01-041024	66894	7.95	254145	10.75	177522	14.58
13 HR-02-041024	71290	7.95	254324	10.75	177925	14.58

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG041124 SAS No.: BG041124 SDG NO.: BG041124

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 14:02

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	PB160120BL	402803	17.33	378095	21.59	433605	24.72
02	PB160120BS	448432	17.33	389001	21.59	451363	24.72
03	TP-5	411195	17.32	390379	21.59	461165	24.72
04	TP-5MS	460079	17.33	399415	21.59	471161	24.72
05	TP-5MSD	460485	17.33	400295	21.59	474919	24.72
06	TP-1	457850	17.32	414726	21.58	478951	24.72
07	ETGI-346	409433	17.32	358991	21.59	428574	24.72
08	TP-2	450115	17.32	395866	21.59	482864	24.73
09	TP-3	457594	17.33	406261	21.59	490500	24.73
10	TP-4	426100	17.33	381458	21.59	458458	24.73
11	HR-01-041024	367564	17.33	340987	21.59	409447	24.74
12	PL-01-041024	361306	17.33	340756	21.59	388185	24.73
13	HR-02-041024	373027	17.33	351804	21.59	407614	24.73

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.: BG041124 SAS No.: BG041124 SDG NO.: BG041124

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 11 2024 12:00AM

Lab File ID: BG060857.D Time Analyzed: 14:02

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	483172	17.332	425740	21.591	509423	24.729
	UPPER LIMIT	966344	17.832	851480	22.091	1018846	25.229
	LOWER LIMIT	241586	16.832	212870	21.091	254711.5	24.229
	EPA SAMPLE NO.						
01	PB160120BL	402803	17.33	378095	21.59	433605	24.72
02	PB160120BS	448432	17.33	389001	21.59	451363	24.72
03	TP-5	411195	17.32	390379	21.59	461165	24.72
04	TP-5MS	460079	17.33	399415	21.59	471161	24.72
05	TP-5MSD	460485	17.33	400295	21.59	474919	24.72
06	TP-1	457850	17.32	414726	21.58	478951	24.72
07	ETGI-346	409433	17.32	358991	21.59	428574	24.72
08	TP-2	450115	17.32	395866	21.59	482864	24.73
09	TP-3	457594	17.33	406261	21.59	490500	24.73
10	TP-4	426100	17.33	381458	21.59	458458	24.73
11	HR-01-041024	367564	17.33	340987	21.59	409447	24.74
12	PL-01-041024	361306	17.33	340756	21.59	388185	24.73
13	HR-02-041024	373027	17.33	351804	21.59	407614	24.73

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG041124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160120BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700	350	ug/Kg	21				10	147	
	Aniline	1700	850	ug/Kg	50				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1200	ug/Kg	71				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				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	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	510	ug/Kg	30				16	100	
	Hexachlorobutadiene	1700	1700	ug/Kg	100		*		53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3600	ug/Kg	109				45	134	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
3-Nitroaniline	1700	1000	ug/Kg	59				28	100		
Acenaphthene	1700	1600	ug/Kg	94				57	104		
Total PAH	27200	23400	ug/Kg	86				57	104		
2,4-Dinitrophenol	3300	5100	ug/Kg	155		*		37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG041124

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160120BS	4-Nitrophenol	3300	3500	ug/Kg	106				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3400	ug/Kg	100				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	2000	ug/Kg	118		*		76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1300	ug/Kg	76				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1600	ug/Kg	94				67	113	
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1300	ug/Kg	76				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	980	ug/Kg	30				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1300	ug/Kg	76				63	111	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				70	108	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160120BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG041124

SAS No.: BG041124 SDG NO.: BG041124

Lab File ID: BG060858.D

Lab Sample ID: PB160120BL

Instrument ID: BNA_G

Date Extracted: 04/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/11/2024

Level: (low/med) LOW

Time Analyzed: 14:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160120BS	PB160120BS	BG060859.D	04/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG041124

SAS No.: BG041124 SDG NO.: BG041124

Lab File ID: BG060860.D

Lab Sample ID: P2070-09

Instrument ID: BNA_G

Date Extracted: 04/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/11/2024

Level: (low/med) LOW

Time Analyzed: 15:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-5	P2070-09	BG060860.D	04/11/2024
TP-5MS	P2070-09MS	BG060861.D	04/11/2024
TP-5MSD	P2070-09MSD	BG060862.D	04/11/2024
TP-1	P2070-01	BG060863.D	04/11/2024
ETGI-346	P2067-01	BG060864.D	04/11/2024
TP-2	P2070-03	BG060865.D	04/11/2024
TP-3	P2070-05	BG060866.D	04/11/2024
TP-4	P2070-07	BG060867.D	04/11/2024
HR-01-041024	P2072-01	BG060868.D	04/11/2024
PL-01-041024	P2071-01	BG060869.D	04/11/2024
HR-02-041024	P2072-03	BG060870.D	04/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2070-09MS		Client Sample ID: TP-5MS		DataFile: BG060861.D							
n-Nitrosodimethylamine	1100		890	ug/Kg	81				66	124	
Pyridine	1100		660	ug/Kg	60				45	119	
Benzaldehyde	1100		120	ug/Kg	11	*			26	163	
Aniline	1100		460	ug/Kg	42				10	88	
Phenol	1100		870	ug/Kg	79				67	126	
bis(2-Chloroethyl)ether	1100		750	ug/Kg	68	*			74	116	
2-Chlorophenol	1100		890	ug/Kg	81				61	138	
1,2-Dichlorobenzene	1100		880	ug/Kg	80				61	105	
1,3-Dichlorobenzene	1100		880	ug/Kg	80				62	101	
1,4-Dichlorobenzene	1100		880	ug/Kg	80				63	104	
Benzyl Alcohol	1100		830	ug/Kg	75				47	126	
2-Methylphenol	1100		780	ug/Kg	71				66	122	
2,2-oxybis(1-Chloropropane)	1100		840	ug/Kg	76				52	115	
Acetophenone	1100		890	ug/Kg	81				75	111	
3+4-Methylphenols	1100		800	ug/Kg	73				53	132	
N-Nitroso-di-n-propylamine	1100		730	ug/Kg	66				59	119	
Hexachloroethane	1100		920	ug/Kg	84				65	117	
Nitrobenzene	1100		930	ug/Kg	85				70	119	
Isophorone	1100		830	ug/Kg	75	*			76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		710	ug/Kg	65	*			83	144	
bis(2-Chloroethoxy)methane	1100		830	ug/Kg	75				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91				57	103	
Benzoic acid	1100		1100	ug/Kg	100				50	104	
Naphthalene	1100		880	ug/Kg	80				72	110	
4-Chloroaniline	1100		290	ug/Kg	26				10	100	
Hexachlorobutadiene	1100		1100	ug/Kg	100				66	114	
Caprolactam	1100		950	ug/Kg	86				51	134	
4-Chloro-3-methylphenol	1100		980	ug/Kg	89				57	132	
2-Methylnaphthalene	1100		860	ug/Kg	78				59	123	
Hexachlorocyclopentadiene	2100		2200	ug/Kg	105				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
1,1-Biphenyl	1100		890	ug/Kg	81				75	113	
2-Chloronaphthalene	1100		920	ug/Kg	84				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		890	ug/Kg	81				70	113	
Acenaphthylene	1100		950	ug/Kg	86				79	118	
2,6-Dinitrotoluene	1100		1000	ug/Kg	91				70	125	
3-Nitroaniline	1100		640	ug/Kg	58				20	111	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		14770	ug/Kg	84				70	121	
2,4-Dinitrophenol	2100		3500	ug/Kg	167	*			16	160	
4-Nitrophenol	2100		2300	ug/Kg	110				45	133	
Dibenzofuran	1100		900	ug/Kg	82				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1200	ug/Kg	109				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
Diethylphthalate	1100		870	ug/Kg	79				70	112	
4-Chlorophenyl-phenylether	1100		940	ug/Kg	85				71	108	
Fluorene	1100		920	ug/Kg	84				68	116	
4-Nitroaniline	1100		1100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118				32	145	
N-Nitrosodiphenylamine	1100		880	ug/Kg	80				73	118	
Azobenzene	1100		870	ug/Kg	79				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		1000	ug/Kg	91				67	118	
Atrazine	1100		990	ug/Kg	90				79	127	
Pentachlorophenol	2100		2100	ug/Kg	100				47	128	
Phenanthrene	1100		890	ug/Kg	81				72	113	
Anthracene	1100		890	ug/Kg	81				62	124	
Carbazole	1100		880	ug/Kg	80				59	119	
Di-n-butylphthalate	1100		860	ug/Kg	78				69	118	
Fluoranthene	1100		880	ug/Kg	80				59	125	
Benzydine	2100		810	ug/Kg	39				10	119	
Pyrene	1100		940	ug/Kg	85				52	128	
Butylbenzylphthalate	1100		970	ug/Kg	88				64	126	
3,3-Dichlorobenzidine	1100		700	ug/Kg	64				10	164	
Benzo(a)anthracene	1100		930	ug/Kg	85				71	114	
Chrysene	1100		910	ug/Kg	83				57	121	
bis(2-Ethylhexyl)phthalate	1100		880	ug/Kg	80				66	127	
Di-n-octyl phthalate	1100		920	ug/Kg	84				71	126	
Benzo(b)fluoranthene	1100		930	ug/Kg	85				67	121	
Benzo(k)fluoranthene	1100		890	ug/Kg	81				74	114	
Benzo(a)pyrene	1100		900	ug/Kg	82				70	142	
Indeno(1,2,3-cd)pyrene	1100		950	ug/Kg	86				61	125	
Dibenz(a,h)anthracene	1100		930	ug/Kg	85				67	130	
Benzo(g,h,i)perylene	1100		880	ug/Kg	80				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		710	ug/Kg	65				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				56	133	
1-Methylnaphthalene	1100		840	ug/Kg	76				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2070-09MSD	Client Sample ID:	TP-5MSD					DataFile:	BG060862.D		
n-Nitrosodimethylamine	1100		920	ug/Kg	84		4		66	124	20
Pyridine	1100		670	ug/Kg	61		2		45	119	20
Benzaldehyde	1100		120	ug/Kg	11	*	0		26	163	20
Aniline	1100		480	ug/Kg	44		5		10	88	20
Phenol	1100		930	ug/Kg	85		7		67	126	20
bis(2-Chloroethyl)ether	1100		770	ug/Kg	70	*	3		74	116	20
2-Chlorophenol	1100		940	ug/Kg	85		5		61	138	20
1,2-Dichlorobenzene	1100		920	ug/Kg	84		5		61	105	20
1,3-Dichlorobenzene	1100		910	ug/Kg	83		4		62	101	20
1,4-Dichlorobenzene	1100		930	ug/Kg	85		6		63	104	20
Benzyl Alcohol	1100		870	ug/Kg	79		5		47	126	20
2-Methylphenol	1100		820	ug/Kg	75		5		66	122	20
2,2-oxybis(1-Chloropropane)	1100		880	ug/Kg	80		5		52	115	20
Acetophenone	1100		890	ug/Kg	81		0		75	111	20
3+4-Methylphenols	1100		840	ug/Kg	76		4		53	132	20
N-Nitroso-di-n-propylamine	1100		780	ug/Kg	71		7		59	119	20
Hexachloroethane	1100		950	ug/Kg	86		2		65	117	20
Nitrobenzene	1100		960	ug/Kg	87		2		70	119	20
Isophorone	1100		870	ug/Kg	79		5		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		0		54	145	20
2,4-Dimethylphenol	1100		730	ug/Kg	66	*	2		83	144	20
bis(2-Chloroethoxy)methane	1100		850	ug/Kg	77		3		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91		0		57	103	20
Benzoic acid	1100		1100	ug/Kg	100		0		50	104	20
Naphthalene	1100		880	ug/Kg	80		0		72	110	20
4-Chloroaniline	1100		290	ug/Kg	26		0		10	100	20
Hexachlorobutadiene	1100		1000	ug/Kg	91		9		66	114	20
Caprolactam	1100		940	ug/Kg	85		1		51	134	20
4-Chloro-3-methylphenol	1100		980	ug/Kg	89		0		57	132	20
2-Methylnaphthalene	1100		870	ug/Kg	79		1		59	123	20
Hexachlorocyclopentadiene	2100		2100	ug/Kg	100		5		10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		0		72	117	20
1,1-Biphenyl	1100		880	ug/Kg	80		1		75	113	20
2-Chloronaphthalene	1100		910	ug/Kg	83		1		67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100		0		69	127	20
Dimethylphthalate	1100		860	ug/Kg	78		4		70	113	20
Acenaphthylene	1100		940	ug/Kg	85		1		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		0		70	125	20
3-Nitroaniline	1100		640	ug/Kg	58		0		20	111	20
Acenaphthene	1100		1000	ug/Kg	91		9		70	121	20
Total PAH	17600		14570	ug/Kg	83		1		70	121	20
2,4-Dinitrophenol	2100		3400	ug/Kg	162	*	3		16	160	20
4-Nitrophenol	2100		2200	ug/Kg	105		5		45	133	20
Dibenzofuran	1100		890	ug/Kg	81		1		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95		5		55	128	20
Diethylphthalate	1100		870	ug/Kg	79		0		70	112	20
4-Chlorophenyl-phenylether	1100		930	ug/Kg	85		0		71	108	20
Fluorene	1100		920	ug/Kg	84		0		68	116	20
4-Nitroaniline	1100		1100	ug/Kg	100		0		55	120	20
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118		0		32	145	20
N-Nitrosodiphenylamine	1100		890	ug/Kg	81		1		73	118	20
Azobenzene	1100		860	ug/Kg	78		1		73	110	20
4-Bromophenyl-phenylether	1100		980	ug/Kg	89		2		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		0		67	118	20
Atrazine	1100		980	ug/Kg	89		1		79	127	20
Pentachlorophenol	2100		2100	ug/Kg	100		0		47	128	20
Phenanthrene	1100		880	ug/Kg	80		1		72	113	20
Anthracene	1100		890	ug/Kg	81		0		62	124	20
Carbazole	1100		880	ug/Kg	80		0		59	119	20
Di-n-butylphthalate	1100		860	ug/Kg	78		0		69	118	20
Fluoranthene	1100		860	ug/Kg	78		3		59	125	20
Benzydine	2100		880	ug/Kg	42		7		10	119	20
Pyrene	1100		930	ug/Kg	85		0		52	128	20
Butylbenzylphthalate	1100		960	ug/Kg	87		1		64	126	20
3,3-Dichlorobenzidine	1100		700	ug/Kg	64		0		10	164	20
Benzo(a)anthracene	1100		920	ug/Kg	84		1		71	114	20
Chrysene	1100		900	ug/Kg	82		1		57	121	20
bis(2-Ethylhexyl)phthalate	1100		870	ug/Kg	79		1		66	127	20
Di-n-octyl phthalate	1100		910	ug/Kg	83		1		71	126	20
Benzo(b)fluoranthene	1100		910	ug/Kg	83		2		67	121	20
Benzo(k)fluoranthene	1100		920	ug/Kg	84		4		74	114	20
Benzo(a)pyrene	1100		890	ug/Kg	81		1		70	142	20
Indeno(1,2,3-cd)pyrene	1100		940	ug/Kg	85		1		61	125	20
Dibenz(a,h)anthracene	1100		910	ug/Kg	83		2		67	130	20
Benzo(g,h,i)perylene	1100		880	ug/Kg	80		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91		0		69	124	20
1,4-Dioxane	1100		750	ug/Kg	68		5		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		9		56	133	20
1-Methylnaphthalene	1100		850	ug/Kg	77		1		70	130	20

Surrogate Summary

SW-846

SDG No.: BG041124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160120BL	PB160120BL	BG060858.D	2-Fluorophenol	150	136.96	91		18	112
			Phenol-d6	150	121.43	81		15	107
			Nitrobenzene-d5	100	98.19	98		18	107
			2-Fluorobiphenyl	100	81.36	81		20	109
			2,4,6-Tribromophenol	150	179.99	120	*	10	110
			Terphenyl-d14	100	84.15	84		14	112
PB160120BS	PB160120BS	BG060859.D	2-Fluorophenol	150	134.07	89		18	112
			Phenol-d6	150	134.10	89		15	107
			Nitrobenzene-d5	100	100.17	100		18	107
			2-Fluorobiphenyl	100	84.23	84		20	109
			2,4,6-Tribromophenol	150	172.53	115	*	10	110
			Terphenyl-d14	100	86.23	86		14	112

Surrogate Summary

SW-846

SDG No.: **BG041124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2067-01	ETGI-346	BG060864.D	2-Fluorophenol	150	80.01	53		18	112
			Phenol-d6	150	76.88	51		15	107
			Nitrobenzene-d5	100	65.61	66		18	107
			2-Fluorobiphenyl	100	55.41	55		20	109
			2,4,6-Tribromophenol	150	110.97	74		10	110
			Terphenyl-d14	100	57.51	58		14	112
P2070-01	TP-1	BG060863.D	2-Fluorophenol	150	83.42	56		18	112
			Phenol-d6	150	78.48	52		15	107
			Nitrobenzene-d5	100	68.20	68		18	107
			2-Fluorobiphenyl	100	49.67	50		20	109
			2,4,6-Tribromophenol	150	119.46	80		10	110
			Terphenyl-d14	100	48.29	48		14	112
P2070-03	TP-2	BG060865.D	2-Fluorophenol	150	93.39	62		18	112
			Phenol-d6	150	86.68	58		15	107
			Nitrobenzene-d5	100	74.11	74		18	107
			2-Fluorobiphenyl	100	53.89	54		20	109
			2,4,6-Tribromophenol	150	125.98	84		10	110
			Terphenyl-d14	100	54.53	55		14	112
P2070-05	TP-3	BG060866.D	2-Fluorophenol	150	87.76	59		18	112
			Phenol-d6	150	82.13	55		15	107
			Nitrobenzene-d5	100	71.11	71		18	107
			2-Fluorobiphenyl	100	54.77	55		20	109
			2,4,6-Tribromophenol	150	116.89	78		10	110
			Terphenyl-d14	100	55.83	56		14	112
P2070-07	TP-4	BG060867.D	2-Fluorophenol	150	76.18	51		18	112
			Phenol-d6	150	73.94	49		15	107
			Nitrobenzene-d5	100	64.88	65		18	107
			2-Fluorobiphenyl	100	45.10	45		20	109
			2,4,6-Tribromophenol	150	98.04	65		10	110
			Terphenyl-d14	100	41.82	42		14	112
P2070-09	TP-5	BG060860.D	2-Fluorophenol	150	122.91	82		18	112
			Phenol-d6	150	111.23	74		15	107
			Nitrobenzene-d5	100	99.66	100		18	107
			2-Fluorobiphenyl	100	74.55	75		20	109
			2,4,6-Tribromophenol	150	179.43	120	*	10	110
			Terphenyl-d14	100	77.75	78		14	112
P2070-09MS	TP-5MS	BG060861.D	2-Fluorophenol	150	103.30	69		18	112
			Phenol-d6	150	98.73	66		15	107
			Nitrobenzene-d5	100	83.07	83		18	107
			2-Fluorobiphenyl	100	65.44	65		20	109
			2,4,6-Tribromophenol	150	148.12	99		10	110
			Terphenyl-d14	100	67.64	68		14	112
P2070-09MSD	TP-5MSD	BG060862.D	2-Fluorophenol	150	106.94	71		18	112
			Phenol-d6	150	104.20	69		15	107
			Nitrobenzene-d5	100	84.18	84		18	107
			2-Fluorobiphenyl	100	65.09	65		20	109
			2,4,6-Tribromophenol	150	145.12	97		10	110
			Terphenyl-d14	100	67.48	67		14	112
P2071-01	PL-01-041024	BG060869.D	2-Fluorophenol	150	78.43	52		18	112

Surrogate Summary

SW-846

SDG No.: **BG041124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2071-01	PL-01-041024	BG060869.D	Phenol-d6	150	74.88	50		15	107
			Nitrobenzene-d5	100	68.24	68		18	107
			2-Fluorobiphenyl	100	57.34	57		20	109
			2,4,6-Tribromophenol	150	103.26	69		10	110
			Terphenyl-d14	100	56.72	57		14	112
P2072-01	HR-01-041024	BG060868.D	2-Fluorophenol	150	88.84	59		18	112
			Phenol-d6	150	80.70	54		15	107
			Nitrobenzene-d5	100	75.61	76		18	107
			2-Fluorobiphenyl	100	63.24	63		20	109
			2,4,6-Tribromophenol	150	114.92	77		10	110
P2072-03	HR-02-041024	BG060870.D	Terphenyl-d14	100	61.78	62		14	112
			2-Fluorophenol	150	72.36	48		18	112
			Phenol-d6	150	65.23	43		15	107
			Nitrobenzene-d5	100	64.98	65		18	107
			2-Fluorobiphenyl	100	54.74	55		20	109
			2,4,6-Tribromophenol	150	96.73	64		10	110
			Terphenyl-d14	100	53.03	53		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG041124

Lab Code: CHEM

SAS No.: BG041124 SDG NO.: BG041124

Lab File ID: BG060856.D

DFTPP Injection Date: 04/11/2024

Instrument ID: BNA_G

DFTPP Injection Time: 11:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.2
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	31.7
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	38.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	30.6
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	98.5
443	15.0 - 24.0% of mass 442	19 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG060857.D	04/11/2024	12:29
PB160120BL	PB160120BL	BG060858.D	04/11/2024	14:02
PB160120BS	PB160120BS	BG060859.D	04/11/2024	14:42
TP-5	P2070-09	BG060860.D	04/11/2024	15:31
TP-5MS	P2070-09MS	BG060861.D	04/11/2024	16:12
TP-5MSD	P2070-09MSD	BG060862.D	04/11/2024	16:53
TP-1	P2070-01	BG060863.D	04/11/2024	17:34
ETGI-346	P2067-01	BG060864.D	04/11/2024	18:15
TP-2	P2070-03	BG060865.D	04/11/2024	18:56
TP-3	P2070-05	BG060866.D	04/11/2024	19:37
TP-4	P2070-07	BG060867.D	04/11/2024	20:18
HR-01-041024	P2072-01	BG060868.D	04/11/2024	20:59
PL-01-041024	P2071-01	BG060869.D	04/11/2024	21:40
HR-02-041024	P2072-03	BG060870.D	04/11/2024	22:22