

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG041224 SAS No.: BG041224 SDG No.: BG041224

Instrument ID: BNA_G Calibration Date/Time: 4/12/2024 1:13:27

Lab File ID: BG060872.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	0.869		-2.029	
Pyridine	1.485	1.388		-6.532	
2-Fluorophenol	1.201	1.208		0.583	
Benzaldehyde	0.983	0.891		-9.359	
Aniline	2.250	1.912		-15.022	
Phenol-d6	1.782	1.612		-9.54	
Phenol	1.819	1.614		-11.27	20.0
bis(2-Chloroethyl) ether	1.468	1.247		-15.054	
2-Chlorophenol	1.361	1.234		-9.331	
1,2-Dichlorobenzene	1.415	1.358		-4.028	
1,3-Dichlorobenzene	1.415	1.337		-5.512	
1,4-Dichlorobenzene	1.444	1.314		-9.003	20.0
Benzyl Alcohol	1.444	1.306		-9.557	
2-Methylphenol	1.373	1.246		-9.25	
2,2-oxybis(1-Chloropropane)	3.314	3.044		-8.147	
Acetophenone	0.551	0.534		-3.085	
3+4-Methylphenols	1.880	1.717		-8.67	
n-Nitroso-di-n-propylamine	1.359	1.210	0.050	-10.964	
Nitrobenzene-d5	0.350	0.411		17.429	
Hexachloroethane	0.513	0.528		2.924	
Nitrobenzene	0.352	0.411		16.761	
Isophorone	0.807	0.742		-8.055	
2-Nitrophenol	0.120	0.177		47.5	20.0
2,4-Dimethylphenol	0.324	0.307		-5.247	
bis(2-Chloroethoxy) methane	0.477	0.432		-9.434	
2,4-Dichlorophenol	0.298	0.313		5.034	20.0
1,2,4-Trichlorobenzene	0.337	0.350		3.858	
Benzoic acid	0.191	0.248		29.843	
Naphthalene	1.082	1.004		-7.209	
4-Chloroaniline	0.503	0.469		-6.759	
Hexachlorobutadiene	0.225	0.256		13.778	20.0
Caprolactam	0.118	0.113		-4.237	
4-Chloro-3-methylphenol	0.380	0.375		-1.316	20.0
2-Methylnaphthalene	0.795	0.748		-5.912	
Hexachlorocyclopentadiene	0.292	0.340	0.050	16.438	
2,4,6-Trichlorophenol	0.370	0.417		12.703	20.0
2-Fluorobiphenyl	1.363	1.332		-2.274	
2,4,5-Trichlorophenol	0.442	0.491		11.086	
1,1-Biphenyl	1.413	1.331		-5.803	

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Instrument ID: BNA_G Calibration Date/Time: 4/12/2024 1:13:27

Lab File ID: BG060872.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	1.015		-5.405	
2-Nitroaniline	0.307	0.405		31.922	
Dimethylphthalate	1.581	1.471		-6.958	
Acenaphthylene	1.803	1.704		-5.491	
2,6-Dinitrotoluene	0.247	0.311		25.911	
3-Nitroaniline	0.277	0.336		21.3	
Acenaphthene	1.132	1.112		-1.767	20.0
2,4-Dinitrophenol	0.110	0.175	0.050	59.091	
4-Nitrophenol	0.231	0.284	0.050	22.944	
Dibenzofuran	1.786	1.711		-4.199	
2,4-Dinitrotoluene	0.320	0.457		42.813	
Diethylphthalate	1.590	1.506		-5.283	
4-Chlorophenyl-phenylether	0.758	0.769		1.451	
Fluorene	1.433	1.388		-3.14	
4-Nitroaniline	0.289	0.367		26.99	
4,6-Dinitro-2-methylphenol	0.073	0.112		53.425	
n-Nitrosodiphenylamine	0.572	0.526		-8.042	20.0
Azobenzene	1.550	1.414		-8.774	
2,4,6-Tribromophenol	0.227	0.316		39.207	
4-Bromophenyl-phenylether	0.203	0.212		4.433	
Hexachlorobenzene	0.229	0.230		0.437	
Atrazine	0.200	0.196		-2.0	
Pentachlorophenol	0.150	0.169		12.667	20.0
Phenanthrene	1.040	0.967		-7.019	
Anthracene	1.056	1.004		-4.924	
Carbazole	0.931	0.887		-4.726	
Di-n-butylphthalate	1.161	1.081		-6.891	
Fluoranthene	1.262	1.234		-2.219	20.0
Benzidine	0.527	0.492		-6.641	
Pyrene	1.399	1.339		-4.289	
Terphenyl-d14	1.136	1.131		-0.44	
Butylbenzylphthalate	0.510	0.509		-0.196	
3,3-Dichlorobenzidine	0.476	0.481		1.05	
Benzo(a)anthracene	1.410	1.327		-5.887	
Chrysene	1.359	1.278		-5.96	
Bis(2-ethylhexyl)phthalate	0.813	0.744		-8.487	
Di-n-octyl phthalate	1.325	1.287		-2.868	20.0
Benzo(b)fluoranthene	1.149	1.062		-7.572	
Benzo(k)fluoranthene	1.176	1.101		-6.378	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG041224 SAS No.: BG041224 SDG No.: BG041224
 Instrument ID: BNA_G Calibration Date/Time: 4/12/2024 1:13:27
 Lab File ID: BG060872.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	1.051		-5.909	20.0
Indeno(1,2,3-cd)pyrene	1.408	1.319		-6.321	
Dibenzo(a,h)anthracene	1.187	1.103		-7.077	
Benzo(g,h,i)perylene	1.155	1.058		-8.398	
1,2,4,5-Tetrachlorobenzene	0.575	0.612		6.435	
1,4-Dioxane	0.492	0.457		-7.114	20.0
2,3,4,6-Tetrachlorophenol	0.385	0.455		18.182	
1-Methylnaphthalene	0.751	0.705		-6.125	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	4/11/2024 12:00:00 AM	
Project:				Date Received:	4/11/2024 12:00:00 AM	
Client Sample ID:	PB160167BL			SDG No.:	BG041224	
Lab Sample ID:	PB160167BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060873.D	1	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

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:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	PB160167BL	SDG No.:	BG041224
Lab Sample ID:	PB160167BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060873.D	1	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

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	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	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:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	PB160167BL	SDG No.:	BG041224
Lab Sample ID:	PB160167BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060873.D	1	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

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	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.84		18-112		77	SPK: -150
13127-88-3	Phenol-d6	106.252		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	91.374		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	71.206		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	PB160167BL	SDG No.:	BG041224
Lab Sample ID:	PB160167BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060873.D	1	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	164.103		10-110		109	SPK: -150
1718-51-0	Terphenyl-d14	75.545		14-112		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41251	7.949				
1146-65-2	Naphthalene-d8	158997	10.746				
15067-26-2	Acenaphthene-d10	133055	14.582				
1517-22-2	Phenanthrene-d10	366467	17.326				
1719-03-5	Chrysene-d12	358892	21.592				
1520-96-3	Perylene-d12	406515	24.729				

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	PB160167BS	SDG No.:	BG041224
Lab Sample ID:	PB160167BS	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
BG060874.D	1	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	890		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	290	J	180	270	330	ug/Kg
62-53-3	Aniline	650		96.8	130	170	ug/Kg
108-95-2	Phenol	1300		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1300		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1300		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1200		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1200		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1300		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1300		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1600		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	510		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.2	130	170	ug/Kg



Client:				Date Collected:	4/11/2024 12:00:00 AM	
Project:				Date Received:	4/11/2024 12:00:00 AM	
Client Sample ID:	PB160167BS			SDG No.:	BG041224	
Lab Sample ID:	PB160167BS			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
BG060874.D	1	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1300		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	990		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	21800		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	5200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3400		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1300		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.3	130	170	ug/Kg



Client:				Date Collected:	4/11/2024 12:00:00 AM	
Project:				Date Received:	4/11/2024 12:00:00 AM	
Client Sample ID:	PB160167BS			SDG No.:	BG041224	
Lab Sample ID:	PB160167BS			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
BG060874.D	1	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1300		83.9	130	170	ug/Kg
120-12-7	Anthracene	1300		84.3	130	170	ug/Kg
86-74-8	Carbazole	1300		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1300		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1300		81.6	130	170	ug/Kg
92-87-5	Benzidine	820		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	980		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.6	130	170	ug/Kg
218-01-9	Chrysene	1300		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1300		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	990		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.928		18-112		77	SPK: -150
13127-88-3	Phenol-d6	106.247		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	92.197		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	75.94		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	PB160167BS	SDG No.:	BG041224
Lab Sample ID:	PB160167BS	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
BG060874.D	1	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	171.721	*	10-110		114	SPK: -150
1718-51-0	Terphenyl-d14	81.797		14-112		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51256	7.952				
1146-65-2	Naphthalene-d8	204308	10.749				
15067-26-2	Acenaphthene-d10	160207	14.58				
1517-22-2	Phenanthrene-d10	411076	17.33				
1719-03-5	Chrysene-d12	370837	21.595				
1520-96-3	Perylene-d12	432488	24.733				

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.:	BG041224
Lab Sample ID:	P2070-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060875.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

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

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BG041224
Lab Sample ID:	P2070-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060875.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

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

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BG041224
Lab Sample ID:	P2070-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060875.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.198		10-139		81	SPK: -150
13127-88-3	Phenol-d6	98.845		10-134		66	SPK: -150
4165-60-0	Nitrobenzene-d5	109.445		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	86.533		52-132		87	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.:	BG041224
Lab Sample ID:	P2070-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060875.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	185.741		32-145		124	SPK: -150
1718-51-0	Terphenyl-d14	86.601		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57210	7.952				
1146-65-2	Naphthalene-d8	210860	10.749				
15067-26-2	Acenaphthene-d10	163868	14.579				
1517-22-2	Phenanthrene-d10	388237	17.329				
1719-03-5	Chrysene-d12	376652	21.589				
1520-96-3	Perylene-d12	427791	24.726				

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.:	BG041224
Lab Sample ID:	P2070-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060876.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

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

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BG041224
Lab Sample ID:	P2070-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060876.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

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

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BG041224
Lab Sample ID:	P2070-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060876.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	115.913		10-139		77	SPK: -150
13127-88-3	Phenol-d6	94.719		10-134		63	SPK: -150
4165-60-0	Nitrobenzene-d5	108.328		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	88.681		52-132		89	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.:	BG041224
Lab Sample ID:	P2070-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060876.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	180.163		32-145		120	SPK: -150
1718-51-0	Terphenyl-d14	87.225		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55928	7.949				
1146-65-2	Naphthalene-d8	215880	10.746				
15067-26-2	Acenaphthene-d10	162191	14.582				
1517-22-2	Phenanthrene-d10	383301	17.326				
1719-03-5	Chrysene-d12	367209	21.586				
1520-96-3	Perylene-d12	396016	24.729				

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.:	BG041224
Lab Sample ID:	P2070-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060877.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

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

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BG041224
Lab Sample ID:	P2070-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060877.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

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

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BG041224
Lab Sample ID:	P2070-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060877.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.126		10-139		78	SPK: -150
13127-88-3	Phenol-d6	97.514		10-134		65	SPK: -150
4165-60-0	Nitrobenzene-d5	107.499		49-133		107	SPK: -100
321-60-8	2-Fluorobiphenyl	86.931		52-132		87	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.:	BG041224
Lab Sample ID:	P2070-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060877.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	177.255		32-145		118	SPK: -150
1718-51-0	Terphenyl-d14	87.068		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58896	7.947				
1146-65-2	Naphthalene-d8	226665	10.744				
15067-26-2	Acenaphthene-d10	174194	14.581				
1517-22-2	Phenanthrene-d10	403988	17.325				
1719-03-5	Chrysene-d12	381913	21.59				
1520-96-3	Perylene-d12	438550	24.728				

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.:	BG041224
Lab Sample ID:	P2070-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060878.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

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

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BG041224
Lab Sample ID:	P2070-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060878.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

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

Report of Analysis

Client:		Date Collected:	4/10/2024 12:00:00 AM
Project:		Date Received:	4/10/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BG041224
Lab Sample ID:	P2070-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060878.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	118.06		10-139		79	SPK: -150
13127-88-3	Phenol-d6	99.309		10-134		66	SPK: -150
4165-60-0	Nitrobenzene-d5	107.731		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	89.044		52-132		89	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.:	BG041224
Lab Sample ID:	P2070-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060878.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	178.41		32-145		119	SPK: -150
1718-51-0	Terphenyl-d14	89.383		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55112	7.952				
1146-65-2	Naphthalene-d8	216578	10.749				
15067-26-2	Acenaphthene-d10	165218	14.58				
1517-22-2	Phenanthrene-d10	390407	17.329				
1719-03-5	Chrysene-d12	368406	21.589				
1520-96-3	Perylene-d12	411315	24.733				

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	TOTE-COMP	SDG No.:	BG041224
Lab Sample ID:	P2025-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060879.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	1	U	1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	TOTE-COMP	SDG No.:	BG041224
Lab Sample ID:	P2025-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060879.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	2.9	J	0.82	4	5.1	ug/L
Total PAH	Total PAH	17.61	U	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.8	U	2.8	4	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	0.97	U	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	TOTE-COMP	SDG No.:	BG041224
Lab Sample ID:	P2025-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060879.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	52.36		10-139		35	SPK: -150
13127-88-3	Phenol-d6	33.248		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	86.394		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	79.566		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	4/8/2024 12:00:00 AM
Project:		Date Received:	4/8/2024 12:00:00 AM
Client Sample ID:	TOTE-COMP	SDG No.:	BG041224
Lab Sample ID:	P2025-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060879.D	1	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	164.549		32-145		110	SPK: -150
1718-51-0	Terphenyl-d14	80.512		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61430	7.948				
1146-65-2	Naphthalene-d8	233583	10.745				
15067-26-2	Acenaphthene-d10	175214	14.575				
1517-22-2	Phenanthrene-d10	404255	17.325				
1719-03-5	Chrysene-d12	394250	21.591				
1520-96-3	Perylene-d12	438963	24.728				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	15.5	J			3.171	
000057-10-3	n-Hexadecanoic acid	2.6	J			18.23	
023436-19-3	2-Propanol, 1-(2-methylpropoxy)-	4	J			19.446	



Client:				Date Collected:	4/10/2024 12:00:00 AM	
Project:				Date Received:	4/10/2024 12:00:00 AM	
Client Sample ID:	ETGI-346DL			SDG No.:	BG041224	
Lab Sample ID:	P2067-01DL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13.3	
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
BG060880.D	2	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	460	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	460	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	230	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.7	U	55.7	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	230	ug/Kg
78-59-1	Isophorone	120	U	120	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	330	U	330	370	460	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	180	230	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-346DL		SDG No.:	BG041224	
Lab Sample ID:	P2067-01DL		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	13.3	
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
BG060880.D	2	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	370	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98.7	U	98.7	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	140	JD	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	11000	UD	1820	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	370	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	460	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	180	JD	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	130	U	130	180	230	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-346DL	SDG No.:	BG041224
Lab Sample ID:	P2067-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
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
BG060880.D	2	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	370	460	ug/Kg
85-01-8	Phenanthrene	1400	D	120	180	230	ug/Kg
120-12-7	Anthracene	240	D	120	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	230	ug/Kg
206-44-0	Fluoranthene	2100	D	110	180	230	ug/Kg
92-87-5	Benzidine	230	U	230	370	460	ug/Kg
129-00-0	Pyrene	1700	D	110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	370	460	ug/Kg
56-55-3	Benzo(a)anthracene	1000	D	110	180	230	ug/Kg
218-01-9	Chrysene	980	D	110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	D	110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	420	D	110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	910	D	130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350	D	110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380	D	110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.73		18-112		50	SPK: -150
13127-88-3	Phenol-d6	68.568		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	63.42		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	54.662		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-346DL	SDG No.:	BG041224
Lab Sample ID:	P2067-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
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
BG060880.D	2	4/11/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160167

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	114.33		10-110		76	SPK: -150
1718-51-0	Terphenyl-d14	56.79		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63977	7.95				
1146-65-2	Naphthalene-d8	238700	10.747				
15067-26-2	Acenaphthene-d10	173390	14.578				
1517-22-2	Phenanthrene-d10	402045	17.327				
1719-03-5	Chrysene-d12	377851	21.593				
1520-96-3	Perylene-d12	435850	24.73				

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	TR-05-04112024	SDG No.:	BG041224
Lab Sample ID:	P2090-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BG060881.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.5	U	53.5	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	TR-05-04112024	SDG No.:	BG041224
Lab Sample ID:	P2090-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BG060881.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.7	U	94.7	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.2	U	98.2	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	150	J	110	170	230	ug/Kg
Total PAH	Total PAH	16560		1760	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	120	J	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	360		110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	TR-05-04112024	SDG No.:	BG041224
Lab Sample ID:	P2090-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BG060881.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	2700		110	170	230	ug/Kg
120-12-7	Anthracene	380		110	170	230	ug/Kg
86-74-8	Carbazole	170	J	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	3100		110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	2700		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	1300		110	170	230	ug/Kg
218-01-9	Chrysene	1400		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	700		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	1200		120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470		100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	500		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.1	U	99.1	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	120	J	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.994		18-112		59	SPK: -150
13127-88-3	Phenol-d6	79.656		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	72.75		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	60.044		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	TR-05-04112024	SDG No.:	BG041224
Lab Sample ID:	P2090-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BG060881.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.416		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	60.494		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64006	7.952				
1146-65-2	Naphthalene-d8	245214	10.749				
15067-26-2	Acenaphthene-d10	181074	14.58				
1517-22-2	Phenanthrene-d10	399678	17.33				
1719-03-5	Chrysene-d12	377887	21.595				
1520-96-3	Perylene-d12	389197	24.738				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			3.17	
000581-40-8	Naphthalene, 2,3-dimethyl-	160	J			13.904	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	130	J			15.925	
001430-97-3	9H-Fluorene, 2-methyl-	160	J			16.636	
000132-65-0	Dibenzothiophene	210	J			17.147	
1000383-55-1	2-Methyldibenzothiophene	140	J			17.911	
000779-02-2	Anthracene, 9-methyl-	570	J			18.205	
002531-84-2	Phenanthrene, 2-methyl-	700	J			18.252	
000832-69-9	Phenanthrene, 1-methyl-	130	J			18.334	
000203-64-5	4H-Cyclopenta[def]phenanthrene	880	J			18.399	
000613-12-7	Anthracene, 2-methyl-	330	J			18.434	
000612-94-2	Naphthalene, 2-phenyl-	280	J			18.704	
000084-65-1	9,10-Anthracenedione	310	J			18.74	
000781-43-1	9,10-Dimethylantracene	360	J			19.122	
002566-97-4	9,12-Octadecadienoic acid, methyl	200	J			19.151	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	210	J			19.186	
005737-13-3	Cyclopenta(def)phenanthrenone	280	J			19.257	
002381-21-7	Pyrene, 1-methyl-	140	J			20.073	
000243-17-4	11H-Benzo[b]fluorene	160	J			20.238	

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	TR-05-04112024	SDG No.:	BG041224
Lab Sample ID:	P2090-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BG060881.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	1200	J			24.451	

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	TR-05-04112024MS	SDG No.:	BG041224
Lab Sample ID:	P2090-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BG060882.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	890		120	360	440	ug/Kg
110-86-1	Pyridine	660		110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	400		130	170	230	ug/Kg
108-95-2	Phenol	870		110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	780		110	170	230	ug/Kg
95-57-8	2-Chlorophenol	960		110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	990		110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	850		110	360	440	ug/Kg
95-48-7	2-Methylphenol	810		110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		120	170	230	ug/Kg
98-86-2	Acetophenone	960		120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	820		110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	780		53.5	110	110	ug/Kg
67-72-1	Hexachloroethane	1000		110	170	230	ug/Kg
98-95-3	Nitrobenzene	1100		120	170	230	ug/Kg
78-59-1	Isophorone	900		110	170	230	ug/Kg
88-75-5	2-Nitrophenol	1400		130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	750		120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	860		110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		110	170	230	ug/Kg
65-85-0	Benzoic acid	1200		310	360	440	ug/Kg
91-20-3	Naphthalene	1000		110	170	230	ug/Kg
106-47-8	4-Chloroaniline	530		110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	1200		110	170	230	ug/Kg



Client:			Date Collected:	4/11/2024 12:00:00 AM	
Project:			Date Received:	4/11/2024 12:00:00 AM	
Client Sample ID:	TR-05-04112024MS		SDG No.:	BG041224	
Lab Sample ID:	P2090-01MS		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	9.7	
Sample Wt/Vol:	50.06	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
BG060882.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	830		120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	990		110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	590		210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		94.8	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		98.2	170	230	ug/Kg
92-52-4	1,1-Biphenyl	1000		120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	1000		110	170	230	ug/Kg
88-74-4	2-Nitroaniline	1300		130	170	230	ug/Kg
131-11-3	Dimethylphthalate	890		110	170	230	ug/Kg
208-96-8	Acenaphthylene	1100		110	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		110	170	230	ug/Kg
99-09-2	3-Nitroaniline	920		120	170	230	ug/Kg
83-32-9	Acenaphthene	1100		110	170	230	ug/Kg
Total PAH	Total PAH	30040		1760	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	670		320	360	440	ug/Kg
100-02-7	4-Nitrophenol	2100		150	360	440	ug/Kg
132-64-9	Dibenzofuran	1100		110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		220	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		110	170	230	ug/Kg
84-66-2	Diethylphthalate	870		110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		110	170	230	ug/Kg
86-73-7	Fluorene	1300		110	170	230	ug/Kg
100-01-6	4-Nitroaniline	1100		140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	610		160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		110	170	230	ug/Kg
103-33-3	Azobenzene	880		110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		100	170	230	ug/Kg
118-74-1	Hexachlorobenzene	1100		110	170	230	ug/Kg
1912-24-9	Atrazine	1100		120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	TR-05-04112024MS	SDG No.:	BG041224
Lab Sample ID:	P2090-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
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
BG060882.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200		100	360	440	ug/Kg
85-01-8	Phenanthrene	3400		110	170	230	ug/Kg
120-12-7	Anthracene	1300		110	170	230	ug/Kg
86-74-8	Carbazole	1100		110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	910		110	170	230	ug/Kg
206-44-0	Fluoranthene	3700	E	110	170	230	ug/Kg
92-87-5	Benzidine	230	J	220	360	440	ug/Kg
129-00-0	Pyrene	3500		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	1000		130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	750		130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	2200		110	170	230	ug/Kg
218-01-9	Chrysene	2300		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	2000		120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	870		110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		120	170	230	ug/Kg
123-91-1	1,4-Dioxane	710		150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		99.2	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	1000		110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.254		18-112		57	SPK: -150
13127-88-3	Phenol-d6	76.746		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	70.32		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	58.828		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	TR-05-04112024MS	SDG No.:	BG041224
Lab Sample ID:	P2090-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	50.06 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
BG060882.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.95		10-110		76	SPK: -150
1718-51-0	Terphenyl-d14	59.496		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68992	7.955				
1146-65-2	Naphthalene-d8	268365	10.745				
15067-26-2	Acenaphthene-d10	192747	14.582				
1517-22-2	Phenanthrene-d10	422634	17.332				
1719-03-5	Chrysene-d12	380616	21.597				
1520-96-3	Perylene-d12	394658	24.741				



Client:			Date Collected:	4/11/2024 12:00:00 AM			
Project:			Date Received:	4/11/2024 12:00:00 AM			
Client Sample ID:	TR-05-04112024MSD			SDG No.:	BG041224		
Lab Sample ID:	P2090-01MSD			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	9.7		
Sample Wt/Vol:	50.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060883.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	890		120	360	440	ug/Kg
110-86-1	Pyridine	650		110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	410		130	170	230	ug/Kg
108-95-2	Phenol	850		110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	760		110	170	230	ug/Kg
95-57-8	2-Chlorophenol	950		110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	970		110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	970		110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	970		110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	840		110	360	440	ug/Kg
95-48-7	2-Methylphenol	780		110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	890		120	170	230	ug/Kg
98-86-2	Acetophenone	950		120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	800		110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	750		53.5	110	110	ug/Kg
67-72-1	Hexachloroethane	950		110	170	230	ug/Kg
98-95-3	Nitrobenzene	1100		120	170	230	ug/Kg
78-59-1	Isophorone	890		110	170	230	ug/Kg
88-75-5	2-Nitrophenol	1400		130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	760		120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	840		110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		110	170	230	ug/Kg
65-85-0	Benzoic acid	1100		310	360	440	ug/Kg
91-20-3	Naphthalene	1000		110	170	230	ug/Kg
106-47-8	4-Chloroaniline	560		110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	1200		110	170	230	ug/Kg



Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	TR-05-04112024MSD	SDG No.:	BG041224
Lab Sample ID:	P2090-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:			
		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	
		Level :	LOW
Injection Volume :		GPC Cleanup :	
		GPC Factor :	
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060883.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	820		120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	1000		110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	460		210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		94.8	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		98.3	170	230	ug/Kg
92-52-4	1,1-Biphenyl	990		120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	1000		110	170	230	ug/Kg
88-74-4	2-Nitroaniline	1200		130	170	230	ug/Kg
131-11-3	Dimethylphthalate	890		110	170	230	ug/Kg
208-96-8	Acenaphthylene	1100		110	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		110	170	230	ug/Kg
99-09-2	3-Nitroaniline	940		120	170	230	ug/Kg
83-32-9	Acenaphthene	1000		110	170	230	ug/Kg
Total PAH	Total PAH	29940		1760	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	440		320	360	440	ug/Kg
100-02-7	4-Nitrophenol	2100		150	360	440	ug/Kg
132-64-9	Dibenzofuran	1100		110	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		220	170	460	ug/Kg
84-66-2	Diethylphthalate	870		110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	970		110	170	230	ug/Kg
86-73-7	Fluorene	1300		110	170	230	ug/Kg
100-01-6	4-Nitroaniline	1100		140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	510		160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	990		110	170	230	ug/Kg
103-33-3	Azobenzene	860		110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		100	170	230	ug/Kg
118-74-1	Hexachlorobenzene	1100		110	170	230	ug/Kg
1912-24-9	Atrazine	1100		120	170	230	ug/Kg



Client:			Date Collected:	4/11/2024 12:00:00 AM			
Project:			Date Received:	4/11/2024 12:00:00 AM			
Client Sample ID:	TR-05-04112024MSD			SDG No.:	BG041224		
Lab Sample ID:	P2090-01MSD			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	9.7		
Sample Wt/Vol:	50.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060883.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200		100	360	440	ug/Kg
85-01-8	Phenanthrene	3400		110	170	230	ug/Kg
120-12-7	Anthracene	1300		110	170	230	ug/Kg
86-74-8	Carbazole	1100		110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	920		110	170	230	ug/Kg
206-44-0	Fluoranthene	3700	E	110	170	230	ug/Kg
92-87-5	Benzidine	250	J	220	360	440	ug/Kg
129-00-0	Pyrene	3500		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	1000		130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	790		130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	2200		110	170	230	ug/Kg
218-01-9	Chrysene	2300		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	2000		120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		120	170	230	ug/Kg
123-91-1	1,4-Dioxane	750		150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		99.2	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	1000		110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.404		18-112		55	SPK: -150
13127-88-3	Phenol-d6	75.192		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	69.078		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	58.038		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	TR-05-04112024MSD	SDG No.:	BG041224
Lab Sample ID:	P2090-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060883.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.458		10-110		77	SPK: -150
1718-51-0	Terphenyl-d14	58.258		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66079	7.952				
1146-65-2	Naphthalene-d8	253243	10.749				
15067-26-2	Acenaphthene-d10	183369	14.58				
1517-22-2	Phenanthrene-d10	408754	17.329				
1719-03-5	Chrysene-d12	368815	21.601				
1520-96-3	Perylene-d12	352809	24.744				

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	OR-02-041124	SDG No.:	BG041224
Lab Sample ID:	P2091-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BG060884.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.6	U	52.6	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.6	U	98.6	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	800		110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg



Client:				Date Collected:	4/11/2024 12:00:00 AM	
Project:				Date Received:	4/11/2024 12:00:00 AM	
Client Sample ID:	OR-02-041124			SDG No.:	BG041224	
Lab Sample ID:	P2091-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.2	
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
BG060884.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	640		110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.2	U	93.2	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.6	U	96.6	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	J	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	190	J	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	1100		110	170	220	ug/Kg
Total PAH	Total PAH	42970		1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	950		110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	1800		110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	OR-02-041124	SDG No.:	BG041224
Lab Sample ID:	P2091-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BG060884.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	7000	E	110	170	220	ug/Kg
120-12-7	Anthracene	3000		110	170	220	ug/Kg
86-74-8	Carbazole	600		100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	6600	E	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	5900	E	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	3600	E	110	170	220	ug/Kg
218-01-9	Chrysene	3300		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900	E	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	2700		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	850		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.5	U	97.5	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	450		110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.44		18-112		46	SPK: -150
13127-88-3	Phenol-d6	61.874		15-107		41	SPK: -150
4165-60-0	Nitrobenzene-d5	56.238		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	47.484		20-109		47	SPK: -100

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	OR-02-041124	SDG No.:	BG041224
Lab Sample ID:	P2091-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BG060884.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.282		10-110		64	SPK: -150
1718-51-0	Terphenyl-d14	49.582		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67924	7.958				
1146-65-2	Naphthalene-d8	254656	10.749				
15067-26-2	Acenaphthene-d10	181649	14.586				
1517-22-2	Phenanthrene-d10	395532	17.335				
1719-03-5	Chrysene-d12	355666	21.607				
1520-96-3	Perylene-d12	354478	24.75				
TENTATIVE IDENTIFIED COMPOUNDS							
000571-61-9	Naphthalene, 1,5-dimethyl-	310	J			13.904	
000581-42-0	Naphthalene, 2,6-dimethyl-	180	J			13.957	
073110-31-3	2,2-Diphenyl-N-(4-pyridinyl)acetam	240	J			15.796	
007320-53-8	Dibenzofuran, 4-methyl-	320	J			15.925	
002523-39-9	9H-Fluorene, 3-methyl-	410	J			16.636	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	230	J			17.065	
000132-65-0	Dibenzothiophene	580	J			17.147	
000112-39-0	Hexadecanoic acid, methyl ester	330	J			18.017	
000832-69-9	Phenanthrene, 1-methyl-	820	J			18.211	
002531-84-2	Phenanthrene, 2-methyl-	1300	J			18.258	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	630	J			18.34	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1900	J			18.405	
000779-02-2	Anthracene, 9-methyl-	450	J			18.44	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	620	J			18.71	
000781-43-1	9,10-Dimethylantracene	460	J			19.127	
002566-97-4	9,12-Octadecadienoic acid, methyl	980	J			19.157	
	unknown19.192	770	J			19.192	
005737-13-3	Cyclopenta(def)phenanthrenone	290	J			19.268	
000243-17-4	11H-Benzo[b]fluorene	250	J			20.25	

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	OR-02-041124	SDG No.:	BG041224
Lab Sample ID:	P2091-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BG060884.D	2	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000238-84-6	11H-Benzo[a]fluorene	240	J			20.349	

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	SU-04-041124	SDG No.:	BG041224
Lab Sample ID:	P2088-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
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
BG060885.D	5	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	870	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	540	ug/Kg
100-52-7	Benzaldehyde	580	U	580	870	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	540	ug/Kg
108-95-2	Phenol	270	U	270	420	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	540	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	540	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	540	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	540	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	540	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	870	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	540	ug/Kg
98-86-2	Acetophenone	280	U	280	420	540	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	870	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	420	540	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	540	ug/Kg
78-59-1	Isophorone	270	U	270	420	540	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	540	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	420	540	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	540	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	420	540	ug/Kg
65-85-0	Benzoic acid	760	U	760	870	1100	ug/Kg
91-20-3	Naphthalene	260	U	260	420	540	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	420	540	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	540	ug/Kg



Client:				Date Collected:	4/11/2024 12:00:00 AM	
Project:				Date Received:	4/11/2024 12:00:00 AM	
Client Sample ID:	SU-04-041124			SDG No.:	BG041224	
Lab Sample ID:	P2088-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	6.5	
Sample Wt/Vol:	50.06	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
BG060885.D	5	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	870	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	540	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	420	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	870	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	540	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	540	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	540	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	420	540	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	540	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	540	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	540	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	540	ug/Kg
Total PAH	Total PAH	4240	U	4240	420	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	870	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	870	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1080	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	420	540	ug/Kg
86-73-7	Fluorene	270	U	270	420	540	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	870	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	540	ug/Kg
103-33-3	Azobenzene	260	U	260	420	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	540	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	540	ug/Kg
1912-24-9	Atrazine	290	U	290	420	540	ug/Kg

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	SU-04-041124	SDG No.:	BG041224
Lab Sample ID:	P2088-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
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
BG060885.D	5	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	870	1100	ug/Kg
85-01-8	Phenanthrene	270	U	270	420	540	ug/Kg
120-12-7	Anthracene	270	U	270	420	540	ug/Kg
86-74-8	Carbazole	260	U	260	420	540	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	540	ug/Kg
206-44-0	Fluoranthene	260	U	260	420	540	ug/Kg
92-87-5	Benzidine	520	U	520	870	1100	ug/Kg
129-00-0	Pyrene	270	U	270	420	540	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	870	1100	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	420	540	ug/Kg
218-01-9	Chrysene	250	U	250	420	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	540	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	870	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	U	260	420	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	U	260	420	540	ug/Kg
50-32-8	Benzo(a)pyrene	300	U	300	420	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	420	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	420	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	540	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	540	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	540	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	66.975		18-112		45	SPK: -150
13127-88-3	Phenol-d6	62.395		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	56.37		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	51.585		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	SU-04-041124	SDG No.:	BG041224
Lab Sample ID:	P2088-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.06 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
BG060885.D	5	4/12/2024 12:00:00 AM	4/12/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.285		10-110		64	SPK: -150
1718-51-0	Terphenyl-d14	52.23		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66595	7.955				
1146-65-2	Naphthalene-d8	250860	10.752				
15067-26-2	Acenaphthene-d10	179883	14.583				
1517-22-2	Phenanthrene-d10	392607	17.332				
1719-03-5	Chrysene-d12	362114	21.598				
1520-96-3	Perylene-d12	314452	24.753				
TENTATIVE IDENTIFIED COMPOUNDS							
002566-97-4	9,12-Octadecadienoic acid, methyl	400	J			19.154	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	220	J			19.389	

Hit Summary Sheet SW-846

SDG No.: BG041224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : TOTE-COMP								
P2025-03	TOTE-COMP	Water	2-Propanol, 1-(2-methylpropoxy)- *	4.000	J			
P2025-03	TOTE-COMP	Water	Butane, 2-methoxy-2-methyl- *	15.500	J			
P2025-03	TOTE-COMP	Water	n-Hexadecanoic acid *	2.600	J			
			Total Tics :			22.10		
P2025-03	TOTE-COMP	Water	Acenaphthene	2.900	J	0.82	5.1	ug/L
			Total Svoc :			2.90		
			Total Concentration:			25.00		
Client ID : ETGI-346DL								
P2067-01DL	ETGI-346DL	Solid	Acenaphthylene	140.000	JD	120	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Anthracene	240.000	D	120	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Benzo(a)anthracene	1,000.000	D	110	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Benzo(a)pyrene	910.000	D	130	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Benzo(b)fluoranthene	1,200.000	D	110	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Benzo(g,h,i)perylene	380.000	D	110	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Benzo(k)fluoranthene	420.000	D	110	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Chrysene	980.000	D	110	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Fluoranthene	2,100.000	D	110	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Fluorene	180.000	JD	120	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Indeno(1,2,3-cd)pyrene	350.000	D	110	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Phenanthrene	1,400.000	D	120	230	ug/Kg
P2067-01DL	ETGI-346DL	Solid	Pyrene	1,700.000	D	110	230	ug/Kg
			Total Svoc :			11,000.00		
			Total Concentration:			11,000.00		
Client ID : SU-04-041124								
P2088-01	SU-04-041124	Solid	9,12-Octadecadienoic acid, methy *	400.000	J			
P2088-01	SU-04-041124	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d *	220.000	J			
			Total Tics :			620.00		
			Total Concentration:			620.00		
Client ID : TR-05-04112024								
P2090-01	TR-05-04112024	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	130.000	J			
P2090-01	TR-05-04112024	Solid	11H-Benzo[b]fluorene *	160.000	J			
P2090-01	TR-05-04112024	Solid	2-Methyldibenzothiophene *	140.000	J			
P2090-01	TR-05-04112024	Solid	4H-Cyclopenta[def]phenanthrene *	880.000	J			
P2090-01	TR-05-04112024	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	210.000	J			
P2090-01	TR-05-04112024	Solid	9,10-Anthracenedione *	310.000	J			
P2090-01	TR-05-04112024	Solid	9,10-Dimethylanthracene *	360.000	J			

Hit Summary Sheet SW-846

SDG No.: BG041224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2090-01	TR-05-04112024	Solid	9,12-Octadecadienoic acid, methyl *	200.000	J			
P2090-01	TR-05-04112024	Solid	9H-Fluorene, 2-methyl- *	160.000	J			
P2090-01	TR-05-04112024	Solid	Anthracene, 2-methyl- *	330.000	J			
P2090-01	TR-05-04112024	Solid	Anthracene, 9-methyl- *	570.000	J			
P2090-01	TR-05-04112024	Solid	Butane, 2-methoxy-2-methyl- *	140.000	J			
P2090-01	TR-05-04112024	Solid	Cyclopenta(def)phenanthrene *	280.000	J			
P2090-01	TR-05-04112024	Solid	Dibenzothiophene *	210.000	J			
P2090-01	TR-05-04112024	Solid	Naphthalene, 2,3-dimethyl- *	160.000	J			
P2090-01	TR-05-04112024	Solid	Naphthalene, 2-phenyl- *	280.000	J			
P2090-01	TR-05-04112024	Solid	Perylene *	1,200.000	J			
P2090-01	TR-05-04112024	Solid	Phenanthrene, 1-methyl- *	130.000	J			
P2090-01	TR-05-04112024	Solid	Phenanthrene, 2-methyl- *	700.000	J			
P2090-01	TR-05-04112024	Solid	Pyrene, 1-methyl- *	140.000	J			
Total Tics :				6,690.00				
P2090-01	TR-05-04112024	Solid	1-Methylnaphthalene	120.000	J	110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Acenaphthene	150.000	J	110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Anthracene	380.000		110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Benzo(a)anthracene	1,300.000		110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Benzo(a)pyrene	1,200.000		120	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Benzo(b)fluoranthene	1,600.000		110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Benzo(g,h,i)perylene	500.000		110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Benzo(k)fluoranthene	700.000		110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Bis(2-ethylhexyl)phthalate	2,100.000		120	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Carbazole	170.000	J	110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Chrysene	1,400.000		110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Dibenzofuran	120.000	J	110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Fluoranthene	3,100.000		110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Fluorene	360.000		110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Indeno(1,2,3-cd)pyrene	470.000		100	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Phenanthrene	2,700.000		110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Pyrene	2,700.000		110	230	ug/Kg
P2090-01	TR-05-04112024	Solid	Total PAH	16,560.000		1760	3680	ug/Kg
Total Svoc :				35,630.00				
Total Concentration:				42,320.00				
Client ID : OR-02-041124								
P2091-01	OR-02-041124	Solid	11H-Benzo[a]fluorene *	240.000	J			
P2091-01	OR-02-041124	Solid	11H-Benzo[b]fluorene *	250.000	J			
P2091-01	OR-02-041124	Solid	1H-Cyclopropa[l]phenanthrene, 1a *	630.000	J			
P2091-01	OR-02-041124	Solid	2,2-Diphenyl-N-(4-pyridinyl)acet *	240.000	J			
P2091-01	OR-02-041124	Solid	3-Methyl-[1,1-biphenyl]-4-carbal *	230.000	J			

Hit Summary Sheet
SW-846

SDG No.: BG041224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2091-01	OR-02-041124	Solid	4H-Cyclopenta[def]phenanthrene	*	1,900.000	J		
P2091-01	OR-02-041124	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	620.000	J		
P2091-01	OR-02-041124	Solid	9,10-Dimethylantracene	*	460.000	J		
P2091-01	OR-02-041124	Solid	9,12-Octadecadienoic acid, methy	*	980.000	J		
P2091-01	OR-02-041124	Solid	9H-Fluorene, 3-methyl-	*	410.000	J		
P2091-01	OR-02-041124	Solid	Anthracene, 9-methyl-	*	450.000	J		
P2091-01	OR-02-041124	Solid	Cyclopenta(def)phenanthrenone	*	290.000	J		
P2091-01	OR-02-041124	Solid	Dibenzofuran, 4-methyl-	*	320.000	J		
P2091-01	OR-02-041124	Solid	Dibenzothiophene	*	580.000	J		
P2091-01	OR-02-041124	Solid	Hexadecanoic acid, methyl ester	*	330.000	J		
P2091-01	OR-02-041124	Solid	Naphthalene, 1,5-dimethyl-	*	310.000	J		
P2091-01	OR-02-041124	Solid	Naphthalene, 2,6-dimethyl-	*	180.000	J		
P2091-01	OR-02-041124	Solid	Phenanthrene, 1-methyl-	*	820.000	J		
P2091-01	OR-02-041124	Solid	Phenanthrene, 2-methyl-	*	1,300.000	J		
P2091-01	OR-02-041124	Solid	unknown19.192	*	770.000	J		
Total Tics :					11,310.00			
P2091-01	OR-02-041124	Solid	1,1-Biphenyl		110.000	J	110	ug/Kg
P2091-01	OR-02-041124	Solid	1-Methylnaphthalene		450.000		110	ug/Kg
P2091-01	OR-02-041124	Solid	2-Methylnaphthalene		640.000		110	ug/Kg
P2091-01	OR-02-041124	Solid	Acenaphthene		1,100.000		110	ug/Kg
P2091-01	OR-02-041124	Solid	Acenaphthylene		190.000	J	110	ug/Kg
P2091-01	OR-02-041124	Solid	Anthracene		3,000.000		110	ug/Kg
P2091-01	OR-02-041124	Solid	Benzo(a)anthracene		3,600.000	E	110	ug/Kg
P2091-01	OR-02-041124	Solid	Benzo(a)pyrene		2,700.000		120	ug/Kg
P2091-01	OR-02-041124	Solid	Benzo(b)fluoranthene		3,900.000	E	110	ug/Kg
P2091-01	OR-02-041124	Solid	Benzo(g,h,i)perylene		850.000		100	ug/Kg
P2091-01	OR-02-041124	Solid	Benzo(k)fluoranthene		1,400.000		110	ug/Kg
P2091-01	OR-02-041124	Solid	Carbazole		600.000		100	ug/Kg
P2091-01	OR-02-041124	Solid	Chrysene		3,300.000		100	ug/Kg
P2091-01	OR-02-041124	Solid	Dibenzofuran		950.000		110	ug/Kg
P2091-01	OR-02-041124	Solid	Fluoranthene		6,600.000	E	110	ug/Kg
P2091-01	OR-02-041124	Solid	Fluorene		1,800.000		110	ug/Kg
P2091-01	OR-02-041124	Solid	Indeno(1,2,3-cd)pyrene		830.000		100	ug/Kg
P2091-01	OR-02-041124	Solid	Naphthalene		800.000		110	ug/Kg
P2091-01	OR-02-041124	Solid	Phenanthrene		7,000.000	E	110	ug/Kg
P2091-01	OR-02-041124	Solid	Pyrene		5,900.000	E	110	ug/Kg
P2091-01	OR-02-041124	Solid	Total PAH		42,970.000		1740	ug/Kg
Total Svoc :					88,690.00			
Total Concentration:					100,000.00			



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

Hit Summary Sheet
SW-846

SDG No.: BG041224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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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.: BG041224 SAS No.: BG041224 SDG NO.: BG041224

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

Lab File ID: BG060703.D Time Analyzed: 14:11

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 PB160167BL	41251	7.95	158997	10.75	133055	14.58
02 PB160167BS	51256	7.95	204308	10.75	160207	14.58
03 TP-2	57210	7.95	210860	10.75	163868	14.58
04 TP-3	55928	7.95	215880	10.75	162191	14.58
05 TP-4	58896	7.95	226665	10.74	174194	14.58
06 TP-5	55112	7.95	216578	10.75	165218	14.58
07 TOTE-COMP	61430	7.95	233583	10.75	175214	14.58
08 ETGI-346DL	63977	7.95	238700	10.75	173390	14.58
09 TR-05-04112024	64006	7.95	245214	10.75	181074	14.58
10 TR-05-04112024MS	68992	7.96	268365	10.75	192747	14.58
11 TR-05-04112024MSD	66079	7.95	253243	10.75	183369	14.58
12 OR-02-041124	67924	7.96	254656	10.75	181649	14.59
13 SU-04-041124	66595	7.96	250860	10.75	179883	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.: BG041224 SAS No.: BG041224 SDG NO.: BG041224

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

Lab File ID: BG060872.D Time Analyzed: 14:11

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	46393	7.952	190374	10.75	146445	14.59
UPPER LIMIT	92786	8.452	380748	11.249	292890	15.086
LOWER LIMIT	23196.5	7.452	95187	10.249	73222.5	14.086
EPA SAMPLE NO.						
01 PB160167BL	41251	7.95	158997	10.75	133055	14.58
02 PB160167BS	51256	7.95	204308	10.75	160207	14.58
03 TP-2	57210	7.95	210860	10.75	163868	14.58
04 TP-3	55928	7.95	215880	10.75	162191	14.58
05 TP-4	58896	7.95	226665	10.74	174194	14.58
06 TP-5	55112	7.95	216578	10.75	165218	14.58
07 TOTE-COMP	61430	7.95	233583	10.75	175214	14.58
08 ETGI-346DL	63977	7.95	238700	10.75	173390	14.58
09 TR-05-04112024	64006	7.95	245214	10.75	181074	14.58
10 TR-05-04112024MS	68992	7.96	268365	10.75	192747	14.58
11 TR-05-04112024MSD	66079	7.95	253243	10.75	183369	14.58
12 OR-02-041124	67924	7.96	254656	10.75	181649	14.59
13 SU-04-041124	66595	7.96	250860	10.75	179883	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.: BG041224 SAS No.: BG041224 SDG NO.: BG041224

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

Lab File ID: BG060703.D Time Analyzed: 14:11

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 PB160167BL	366467	17.33	358892	21.59	406515	24.73
02 PB160167BS	411076	17.33	370837	21.60	432488	24.73
03 TP-2	388237	17.33	376652	21.59	427791	24.73
04 TP-3	383301	17.33	367209	21.59	396016	24.73
05 TP-4	403988	17.33	381913	21.59	438550	24.73
06 TP-5	390407	17.33	368406	21.59	411315	24.73
07 TOTE-COMP	404255	17.33	394250	21.59	438963	24.73
08 ETGI-346DL	402045	17.33	377851	21.59	435850	24.73
09 TR-05-04112024	399678	17.33	377887	21.60	389197	24.74
10 TR-05-04112024MS	422634	17.33	380616	21.60	394658	24.74
11 TR-05-04112024MSD	408754	17.33	368815	21.60	352809	24.74
12 OR-02-041124	395532	17.34	355666	21.61	354478	24.75
13 SU-04-041124	392607	17.33	362114	21.60	314452	24.75

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.: BG041224 SAS No.: BG041224 SDG NO.: BG041224

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

Lab File ID: BG060872.D Time Analyzed: 14:11

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	368944	17.329	348725	21.595	410762	24.733
	UPPER LIMIT	737888	17.829	697450	22.095	821524	25.233
	LOWER LIMIT	184472	16.829	174362.5	21.095	205381	24.233
	EPA SAMPLE NO.						
01	PB160167BL	366467	17.33	358892	21.59	406515	24.73
02	PB160167BS	411076	17.33	370837	21.60	432488	24.73
03	TP-2	388237	17.33	376652	21.59	427791	24.73
04	TP-3	383301	17.33	367209	21.59	396016	24.73
05	TP-4	403988	17.33	381913	21.59	438550	24.73
06	TP-5	390407	17.33	368406	21.59	411315	24.73
07	TOTE-COMP	404255	17.33	394250	21.59	438963	24.73
08	ETGI-346DL	402045	17.33	377851	21.59	435850	24.73
09	TR-05-04112024	399678	17.33	377887	21.60	389197	24.74
10	TR-05-04112024MS	422634	17.33	380616	21.60	394658	24.74
11	TR-05-04112024MSD	408754	17.33	368815	21.60	352809	24.74
12	OR-02-041124	395532	17.34	355666	21.61	354478	24.75
13	SU-04-041124	392607	17.33	362114	21.60	314452	24.75

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.: BG041224

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160167BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103		
	Pyridine	1700	890	ug/Kg	52				28	98		
	Benzaldehyde	1700	290	ug/Kg	17				10	147		
	Aniline	1700	650	ug/Kg	38				38	100		
	Phenol	1700	1300	ug/Kg	76				62	112		
	bis(2-Chloroethyl)ether	1700	1100	ug/Kg	65				60	101		
	2-Chlorophenol	1700	1300	ug/Kg	76				65	112		
	1,2-Dichlorobenzene	1700	1300	ug/Kg	76				51	102		
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99		
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100		
	Benzyl Alcohol	1700	1300	ug/Kg	76				42	116		
	2-Methylphenol	1700	1200	ug/Kg	71				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1200	ug/Kg	71				51	100		
	Acetophenone	1700	1300	ug/Kg	76				55	104		
	3+4-Methylphenols	1700	1200	ug/Kg	71				58	111		
	N-Nitroso-di-n-propylamine	1700	1100	ug/Kg	65				63	95		
	Hexachloroethane	1700	1300	ug/Kg	76				72	108		
	Nitrobenzene	1700	1400	ug/Kg	82				57	101		
	Isophorone	1700	1300	ug/Kg	76				59	99		
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111		
	2,4-Dimethylphenol	1700	1100	ug/Kg	65		*		67	119		
	bis(2-Chloroethoxy)methane	1700	1200	ug/Kg	71				53	105		
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107		
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110		
	Benzoic acid	1700	1600	ug/Kg	94				10	140		
	Naphthalene	1700	1300	ug/Kg	76				62	100		
	4-Chloroaniline	1700	510	ug/Kg	30				16	100		
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98		
	Caprolactam	1700	1400	ug/Kg	82				67	110		
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112		
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104		
	Hexachlorocyclopentadiene	3300	3400	ug/Kg	103				45	134		
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102		
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98		
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103		
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
	Dimethylphthalate	1700	1300	ug/Kg	76				61	99		
	Acenaphthylene	1700	1400	ug/Kg	82				63	101		
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104		
	3-Nitroaniline	1700	990	ug/Kg	58				28	100		
	Acenaphthene	1700	1500	ug/Kg	88				57	104		
	Total PAH	27200	21800	ug/Kg	80				57	104		
	2,4-Dinitrophenol	3300	5200	ug/Kg	158		*		37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG041224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160167BS	4-Nitrophenol	3300	3500	ug/Kg	106				48	119	
	Dibenzofuran	1700	1300	ug/Kg	76				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	1300	ug/Kg	76				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				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	1900	ug/Kg	112				76	113	
	N-Nitrosodiphenylamine	1700	1300	ug/Kg	76				56	107	
	Azobenzene	1700	1300	ug/Kg	76				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1500	ug/Kg	88				67	113	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1300	ug/Kg	76				59	103	
	Anthracene	1700	1300	ug/Kg	76				61	105	
	Carbazole	1700	1300	ug/Kg	76				61	99	
	Di-n-butylphthalate	1700	1300	ug/Kg	76				58	104	
	Fluoranthene	1700	1300	ug/Kg	76				57	107	
	Benzidine	3300	820	ug/Kg	25				10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				55	103	
	3,3-Dichlorobenzidine	1700	980	ug/Kg	58				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1300	ug/Kg	76				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	1400	ug/Kg	82				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1300	ug/Kg	76				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1400	ug/Kg	82				63	101	
	Dibenz(a,h)anthracene	1700	1400	ug/Kg	82				61	112	
	Benzo(g,h,i)perylene	1700	1300	ug/Kg	76				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	990	ug/Kg	58				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160167BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG041224

SAS No.: BG041224 SDG NO.: BG041224

Lab File ID: BG060873.D

Lab Sample ID: PB160167BL

Instrument ID: BNA_G

Date Extracted: 04/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/12/2024

Level: (low/med) LOW

Time Analyzed: 14:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160167BS	PB160167BS	BG060874.D	04/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TR-05-04112024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG041224

SAS No.: BG041224 SDG NO.: BG041224

Lab File ID: BG060881.D

Lab Sample ID: P2090-01

Instrument ID: BNA_G

Date Extracted: 04/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/12/2024

Level: (low/med) LOW

Time Analyzed: 19:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TR-05-04112024	P2090-01	BG060881.D	04/12/2024
TR-05-04112024MS	P2090-01MS	BG060882.D	04/12/2024
TR-05-04112024MSD	P2090-01MSD	BG060883.D	04/12/2024
OR-02-041124	P2091-01	BG060884.D	04/12/2024
SU-04-041124	P2088-01	BG060885.D	04/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG041224

SAS No.: BG041224 SDG NO.: BG041224

Lab File ID: BG060875.D

Lab Sample ID: P2070-04

Instrument ID: BNA_G

Date Extracted: 04/12/2024

Matrix: (soil/water) water

Date Analyzed: 04/12/2024

Level: (low/med) LOW

Time Analyzed: 15:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-2	P2070-04	BG060875.D	04/12/2024
TP-3	P2070-06	BG060876.D	04/12/2024
TP-4	P2070-08	BG060877.D	04/12/2024
TP-5	P2070-10	BG060878.D	04/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TOTE-COMP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG041224

SAS No.: BG041224 SDG NO.: BG041224

Lab File ID: BG060879.D

Lab Sample ID: P2025-03

Instrument ID: BNA_G

Date Extracted: 04/12/2024

Matrix: (soil/water) Water

Date Analyzed: 04/12/2024

Level: (low/med) LOW

Time Analyzed: 18:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TOTE-COMP	P2025-03	BG060879.D	04/12/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2090-01MS		Client Sample ID: TR-05-04112024MS		DataFile: BG060882.D							
n-Nitrosodimethylamine	1100		890	ug/Kg	81				66	124	
Pyridine	1100		660	ug/Kg	60				45	119	
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	
Aniline	1100		400	ug/Kg	36				10	88	
Phenol	1100		870	ug/Kg	79				67	126	
bis(2-Chloroethyl)ether	1100		780	ug/Kg	71	*			74	116	
2-Chlorophenol	1100		960	ug/Kg	87				61	138	
1,2-Dichlorobenzene	1100		990	ug/Kg	90				61	105	
1,3-Dichlorobenzene	1100		1000	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1100		1000	ug/Kg	91				63	104	
Benzyl Alcohol	1100		850	ug/Kg	77				47	126	
2-Methylphenol	1100		810	ug/Kg	74				66	122	
2,2-oxybis(1-Chloropropane)	1100		910	ug/Kg	83				52	115	
Acetophenone	1100		960	ug/Kg	87				75	111	
3+4-Methylphenols	1100		820	ug/Kg	75				53	132	
N-Nitroso-di-n-propylamine	1100		780	ug/Kg	71				59	119	
Hexachloroethane	1100		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		1100	ug/Kg	100				70	119	
Isophorone	1100		900	ug/Kg	82				76	122	
2-Nitrophenol	1100		1400	ug/Kg	127				54	145	
2,4-Dimethylphenol	1100		750	ug/Kg	68	*			83	144	
bis(2-Chloroethoxy)methane	1100		860	ug/Kg	78				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		1200	ug/Kg	109	*			50	104	
Naphthalene	1100	0	1000	ug/Kg	91				72	110	
4-Chloroaniline	1100		530	ug/Kg	48				10	100	
Hexachlorobutadiene	1100		1200	ug/Kg	109				66	114	
Caprolactam	1100		830	ug/Kg	75				51	134	
4-Chloro-3-methylphenol	1100		960	ug/Kg	87				57	132	
2-Methylnaphthalene	1100	0	990	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	2200		590	ug/Kg	27				10	175	
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		1000	ug/Kg	91				67	118	
2-Nitroaniline	1100		1300	ug/Kg	118				69	127	
Dimethylphthalate	1100		890	ug/Kg	81				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		920	ug/Kg	84				20	111	
Acenaphthene	1100	150	1100	ug/Kg	86				70	121	
Total PAH	17600	16560	30040	ug/Kg	77				70	121	
2,4-Dinitrophenol	2200		670	ug/Kg	30				16	160	
4-Nitrophenol	2200		2100	ug/Kg	95				45	133	
Dibenzofuran	1100	120	1100	ug/Kg	89				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041224

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		2300	ug/Kg	105				55	128	
Diethylphthalate	1100		870	ug/Kg	79				70	112	
4-Chlorophenyl-phenylether	1100		990	ug/Kg	90				71	108	
Fluorene	1100	360	1300	ug/Kg	85				68	116	
4-Nitroaniline	1100		1100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1100		610	ug/Kg	55				32	145	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		880	ug/Kg	80				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1100	ug/Kg	100				79	127	
Pentachlorophenol	2200		2200	ug/Kg	100				47	128	
Phenanthrene	1100	2700	3400	ug/Kg	64	*			72	113	
Anthracene	1100	380	1300	ug/Kg	84				62	124	
Carbazole	1100	170	1100	ug/Kg	85				59	119	
Di-n-butylphthalate	1100		910	ug/Kg	83				69	118	
Fluoranthene	1100	3100	3700	ug/Kg	55	*			59	125	
Benzydine	2200		230	ug/Kg	10				10	119	
Pyrene	1100	2700	3500	ug/Kg	73				52	128	
Butylbenzylphthalate	1100		1000	ug/Kg	91				64	126	
3,3-Dichlorobenzidine	1100		750	ug/Kg	68				10	164	
Benzo(a)anthracene	1100	1300	2200	ug/Kg	82				71	114	
Chrysene	1100	1400	2300	ug/Kg	82				57	121	
bis(2-Ethylhexyl)phthalate	1100	2100	2900	ug/Kg	73				66	127	
Di-n-octyl phthalate	1100		1000	ug/Kg	91				71	126	
Benzo(b)fluoranthene	1100	1600	2300	ug/Kg	64	*			67	121	
Benzo(k)fluoranthene	1100	700	1900	ug/Kg	109				74	114	
Benzo(a)pyrene	1100	1200	2000	ug/Kg	73				70	142	
Indeno(1,2,3-cd)pyrene	1100	470	1100	ug/Kg	57	*			61	125	
Dibenz(a,h)anthracene	1100		870	ug/Kg	79				67	130	
Benzo(g,h,i)perylene	1100	500	970	ug/Kg	43	*			53	140	
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109				69	124	
1,4-Dioxane	1100		710	ug/Kg	65				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				56	133	
1-Methylnaphthalene	1100	120	1000	ug/Kg	80				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2090-01MSD		Client Sample ID: TR-05-04112024MSD		DataFile: BG060883.D							
n-Nitrosodimethylamine	1100		890	ug/Kg	81		0		66	124	20
Pyridine	1100		650	ug/Kg	59		2		45	119	20
Benzaldehyde	1100		0	ug/Kg	0	*			26	163	20
Aniline	1100		410	ug/Kg	37		3		10	88	20
Phenol	1100		850	ug/Kg	77		3		67	126	20
bis(2-Chloroethyl)ether	1100		760	ug/Kg	69	*	3		74	116	20
2-Chlorophenol	1100		950	ug/Kg	86		1		61	138	20
1,2-Dichlorobenzene	1100		970	ug/Kg	88		2		61	105	20
1,3-Dichlorobenzene	1100		970	ug/Kg	88		3		62	101	20
1,4-Dichlorobenzene	1100		970	ug/Kg	88		3		63	104	20
Benzyl Alcohol	1100		840	ug/Kg	76		1		47	126	20
2-Methylphenol	1100		780	ug/Kg	71		4		66	122	20
2,2-oxybis(1-Chloropropane)	1100		890	ug/Kg	81		2		52	115	20
Acetophenone	1100		950	ug/Kg	86		1		75	111	20
3+4-Methylphenols	1100		800	ug/Kg	73		3		53	132	20
N-Nitroso-di-n-propylamine	1100		750	ug/Kg	68		4		59	119	20
Hexachloroethane	1100		950	ug/Kg	86		6		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		0		70	119	20
Isophorone	1100		890	ug/Kg	81		1		76	122	20
2-Nitrophenol	1100		1400	ug/Kg	127		0		54	145	20
2,4-Dimethylphenol	1100		760	ug/Kg	69	*	1		83	144	20
bis(2-Chloroethoxy)methane	1100		840	ug/Kg	76		3		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		0		57	103	20
Benzoic acid	1100		1100	ug/Kg	100		9		50	104	20
Naphthalene	1100	0	1000	ug/Kg	91		0		72	110	20
4-Chloroaniline	1100		560	ug/Kg	51		6		10	100	20
Hexachlorobutadiene	1100		1200	ug/Kg	109		0		66	114	20
Caprolactam	1100		820	ug/Kg	75		0		51	134	20
4-Chloro-3-methylphenol	1100		960	ug/Kg	87		0		57	132	20
2-Methylnaphthalene	1100	0	1000	ug/Kg	91		1		59	123	20
Hexachlorocyclopentadiene	2200		460	ug/Kg	21		25	*	10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		0		72	117	20
1,1-Biphenyl	1100		990	ug/Kg	90		1		75	113	20
2-Chloronaphthalene	1100		1000	ug/Kg	91		0		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		8		69	127	20
Dimethylphthalate	1100		890	ug/Kg	81		0		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		0		70	125	20
3-Nitroaniline	1100		940	ug/Kg	85		1		20	111	20
Acenaphthene	1100	150	1000	ug/Kg	77		11		70	121	20
Total PAH	17600	16560	29940	ug/Kg	76		1		70	121	20
2,4-Dinitrophenol	2200		440	ug/Kg	20		40	*	16	160	20
4-Nitrophenol	2200		2100	ug/Kg	95		0		45	133	20
Dibenzofuran	1100	120	1100	ug/Kg	89		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041224

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		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105		0		55	128	20
Diethylphthalate	1100		870	ug/Kg	79		0		70	112	20
4-Chlorophenyl-phenylether	1100		970	ug/Kg	88		2		71	108	20
Fluorene	1100	360	1300	ug/Kg	85		0		68	116	20
4-Nitroaniline	1100		1100	ug/Kg	100		0		55	120	20
4,6-Dinitro-2-methylphenol	1100		510	ug/Kg	46		18		32	145	20
N-Nitrosodiphenylamine	1100		990	ug/Kg	90		1		73	118	20
Azobenzene	1100		860	ug/Kg	78		3		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1100	ug/Kg	100		0		79	127	20
Pentachlorophenol	2200		2200	ug/Kg	100		0		47	128	20
Phenanthrene	1100	2700	3400	ug/Kg	64	*	0		72	113	20
Anthracene	1100	380	1300	ug/Kg	84		0		62	124	20
Carbazole	1100	170	1100	ug/Kg	85		0		59	119	20
Di-n-butylphthalate	1100		920	ug/Kg	84		1		69	118	20
Fluoranthene	1100	3100	3700	ug/Kg	55	*	0		59	125	20
Benzidine	2200		250	ug/Kg	11		10		10	119	20
Pyrene	1100	2700	3500	ug/Kg	73		0		52	128	20
Butylbenzylphthalate	1100		1000	ug/Kg	91		0		64	126	20
3,3-Dichlorobenzidine	1100		790	ug/Kg	72		6		10	164	20
Benzo(a)anthracene	1100	1300	2200	ug/Kg	82		0		71	114	20
Chrysene	1100	1400	2300	ug/Kg	82		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100	2100	2900	ug/Kg	73		0		66	127	20
Di-n-octyl phthalate	1100		1000	ug/Kg	91		0		71	126	20
Benzo(b)fluoranthene	1100	1600	2400	ug/Kg	73		13		67	121	20
Benzo(k)fluoranthene	1100	700	1900	ug/Kg	109		0		74	114	20
Benzo(a)pyrene	1100	1200	2000	ug/Kg	73		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100	470	1100	ug/Kg	57	*	0		61	125	20
Dibenz(a,h)anthracene	1100		830	ug/Kg	75		5		67	130	20
Benzo(g,h,i)perylene	1100	500	910	ug/Kg	37	*	15		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		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		0		56	133	20
1-Methylnaphthalene	1100	120	1000	ug/Kg	80		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BG041224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2067-01DL	ETGI-346DL	BG060880.D	2-Fluorophenol	150	75.73	50		18	112
			Phenol-d6	150	68.57	46		15	107
			Nitrobenzene-d5	100	63.42	63		18	107
			2-Fluorobiphenyl	100	54.66	55		20	109
			2,4,6-Tribromophenol	150	114.33	76		10	110
			Terphenyl-d14	100	56.79	57		14	112
PB160167BL	PB160167BL	BG060873.D	2-Fluorophenol	150	115.84	77		18	112
			Phenol-d6	150	106.25	71		15	107
			Nitrobenzene-d5	100	91.37	91		18	107
			2-Fluorobiphenyl	100	71.21	71		20	109
			2,4,6-Tribromophenol	150	164.10	109		10	110
			Terphenyl-d14	100	75.55	76		14	112
PB160167BS	PB160167BS	BG060874.D	2-Fluorophenol	150	115.93	77		18	112
			Phenol-d6	150	106.25	71		15	107
			Nitrobenzene-d5	100	92.20	92		18	107
			2-Fluorobiphenyl	100	75.94	76		20	109
			2,4,6-Tribromophenol	150	171.72	114	*	10	110
			Terphenyl-d14	100	81.80	82		14	112

Surrogate Summary

SW-846

SDG No.: **BG041224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2088-01	SU-04-041124	BG060885.D	2-Fluorophenol	150	66.98	45		18	112
			Phenol-d6	150	62.40	42		15	107
			Nitrobenzene-d5	100	56.37	56		18	107
			2-Fluorobiphenyl	100	51.59	52		20	109
			2,4,6-Tribromophenol	150	96.29	64		10	110
			Terphenyl-d14	100	52.23	52		14	112
P2090-01	TR-05-04112024	BG060881.D	2-Fluorophenol	150	88.99	59		18	112
			Phenol-d6	150	79.66	53		15	107
			Nitrobenzene-d5	100	72.75	73		18	107
			2-Fluorobiphenyl	100	60.04	60		20	109
			2,4,6-Tribromophenol	150	120.42	80		10	110
			Terphenyl-d14	100	60.49	60		14	112
P2090-01MS	TR-05-04112024M\BG060882.D		2-Fluorophenol	150	85.25	57		18	112
			Phenol-d6	150	76.75	51		15	107
			Nitrobenzene-d5	100	70.32	70		18	107
			2-Fluorobiphenyl	100	58.83	59		20	109
			2,4,6-Tribromophenol	150	113.95	76		10	110
			Terphenyl-d14	100	59.50	59		14	112
P2090-01MSD	TR-05-04112024M\BG060883.D		2-Fluorophenol	150	82.40	55		18	112
			Phenol-d6	150	75.19	50		15	107
			Nitrobenzene-d5	100	69.08	69		18	107
			2-Fluorobiphenyl	100	58.04	58		20	109
			2,4,6-Tribromophenol	150	115.46	77		10	110
			Terphenyl-d14	100	58.26	58		14	112
P2091-01	OR-02-041124	BG060884.D	2-Fluorophenol	150	68.44	46		18	112
			Phenol-d6	150	61.87	41		15	107
			Nitrobenzene-d5	100	56.24	56		18	107
			2-Fluorobiphenyl	100	47.48	47		20	109
			2,4,6-Tribromophenol	150	95.28	64		10	110
			Terphenyl-d14	100	49.58	50		14	112

Surrogate Summary

SW-846

SDG No.: **BG041224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2070-04	TP-2	BG060875.D	2-Fluorophenol	150	121.20	81		10	139
			Phenol-d6	150	98.85	66		10	134
			Nitrobenzene-d5	100	109.45	109		49	133
			2-Fluorobiphenyl	100	86.53	87		52	132
			2,4,6-Tribromophenol	150	185.74	124		32	145
			Terphenyl-d14	100	86.60	87		36	145
P2070-06	TP-3	BG060876.D	2-Fluorophenol	150	115.91	77		10	139
			Phenol-d6	150	94.72	63		10	134
			Nitrobenzene-d5	100	108.33	108		49	133
			2-Fluorobiphenyl	100	88.68	89		52	132
			2,4,6-Tribromophenol	150	180.16	120		32	145
			Terphenyl-d14	100	87.23	87		36	145
P2070-08	TP-4	BG060877.D	2-Fluorophenol	150	117.13	78		10	139
			Phenol-d6	150	97.51	65		10	134
			Nitrobenzene-d5	100	107.50	107		49	133
			2-Fluorobiphenyl	100	86.93	87		52	132
			2,4,6-Tribromophenol	150	177.26	118		32	145
			Terphenyl-d14	100	87.07	87		36	145
P2070-10	TP-5	BG060878.D	2-Fluorophenol	150	118.06	79		10	139
			Phenol-d6	150	99.31	66		10	134
			Nitrobenzene-d5	100	107.73	108		49	133
			2-Fluorobiphenyl	100	89.04	89		52	132
			2,4,6-Tribromophenol	150	178.41	119		32	145
			Terphenyl-d14	100	89.38	89		36	145



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

Surrogate Summary
SW-846

SDG No.: BG041224

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2025-03	TOTE-COMP	BG060879.D	2-Fluorophenol	150	52.36	35		10	139
			Phenol-d6	150	33.25	22		10	134
			Nitrobenzene-d5	100	86.39	86		49	133
			2-Fluorobiphenyl	100	79.57	80		52	132
			2,4,6-Tribromophenol	150	164.55	110		32	145
			Terphenyl-d14	100	80.51	81		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG041224

Lab Code: CHEM

SAS No.: BG041224

SDG NO.: BG041224

Lab File ID: BG060871.D

DFTPP Injection Date: 04/12/2024

Instrument ID: BNA_G

DFTPP Injection Time: 11:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.5
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	28.4
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	35.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	16
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG060872.D	04/12/2024	13:27
PB160167BL	PB160167BL	BG060873.D	04/12/2024	14:11
PB160167BS	PB160167BS	BG060874.D	04/12/2024	14:52
TP-2	P2070-04	BG060875.D	04/12/2024	15:38
TP-3	P2070-06	BG060876.D	04/12/2024	16:19
TP-4	P2070-08	BG060877.D	04/12/2024	17:00
TP-5	P2070-10	BG060878.D	04/12/2024	17:42
TOTE-COMP	P2025-03	BG060879.D	04/12/2024	18:22
ETGI-346DL	P2067-01DL	BG060880.D	04/12/2024	19:04
TR-05-04112024	P2090-01	BG060881.D	04/12/2024	19:44
TR-05-04112024MS	P2090-01MS	BG060882.D	04/12/2024	20:25
TR-05-04112024MSD	P2090-01MSD	BG060883.D	04/12/2024	21:06
OR-02-041124	P2091-01	BG060884.D	04/12/2024	21:47
SU-04-041124	P2088-01	BG060885.D	04/12/2024	22:28