

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG051724 SAS No.: BG051724 SDG No.: BG051724

Instrument ID: BNA_G Calibration Date/Time: 5/17/2024 1:10:21

Lab File ID: BG061232.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	1.124	1.021		-9.164	
Pyridine	1.170	1.101		-5.897	
2-Fluorophenol	0.983	1.006		2.34	
Benzaldehyde	0.820	0.926		12.927	
Aniline	1.442	1.462		1.387	
Phenol-d6	1.455	1.563		7.423	
Phenol	1.479	1.556		5.206	20.0
bis(2-Chloroethyl) ether	1.022	1.103		7.926	
2-Chlorophenol	1.206	1.203		-0.249	
1,2-Dichlorobenzene	1.418	1.410		-0.564	
1,3-Dichlorobenzene	1.422	1.387		-2.461	
1,4-Dichlorobenzene	1.470	1.403		-4.558	20.0
Benzyl Alcohol	1.312	1.344		2.439	
2-Methylphenol	1.054	1.096		3.985	
2,2-oxybis(1-Chloropropane)	2.218	2.638		18.936	
Acetophenone	0.498	0.495		-0.602	
3+4-Methylphenols	1.521	1.586		4.274	
n-Nitroso-di-n-propylamine	1.089	1.155	0.050	6.061	
Nitrobenzene-d5	0.403	0.409		1.489	
Hexachloroethane	0.525	0.529		0.762	
Nitrobenzene	0.395	0.403		2.025	
Isophorone	0.746	0.738		-1.072	
2-Nitrophenol	0.187	0.186		-0.535	20.0
2,4-Dimethylphenol	0.216	0.212		-1.852	
bis(2-Chloroethoxy) methane	0.366	0.378		3.279	
2,4-Dichlorophenol	0.338	0.322		-4.734	20.0
1,2,4-Trichlorobenzene	0.407	0.377		-7.371	
Benzoic acid	0.249	0.130		-47.791	
Naphthalene	1.039	1.009		-2.887	
4-Chloroaniline	0.415	0.408		-1.687	
Hexachlorobutadiene	0.349	0.331		-5.158	20.0
Caprolactam	0.122	0.149		22.131	
4-Chloro-3-methylphenol	0.407	0.397		-2.457	20.0
2-Methylnaphthalene	0.779	0.733		-5.905	
Hexachlorocyclopentadiene	0.256	0.211	0.050	-17.578	
2,4,6-Trichlorophenol	0.429	0.385		-10.256	20.0
2-Fluorobiphenyl	1.353	1.295		-4.287	
2,4,5-Trichlorophenol	0.485	0.433		-10.722	
1,1-Biphenyl	1.282	1.221		-4.758	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG051724 SAS No.: BG051724 SDG No.: BG051724

Instrument ID: BNA_G Calibration Date/Time: 5/17/2024 1:10:21

Lab File ID: BG061232.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	1.027	0.984		-4.187	
2-Nitroaniline	0.381	0.396		3.937	
Dimethylphthalate	1.545	1.449		-6.214	
Acenaphthylene	1.577	1.533		-2.79	
2,6-Dinitrotoluene	0.330	0.326		-1.212	
3-Nitroaniline	0.302	0.296		-1.987	
Acenaphthene	0.984	0.961		-2.337	20.0
2,4-Dinitrophenol	0.213	0.207	0.050	-2.817	
4-Nitrophenol	0.244	0.250	0.050	2.459	
Dibenzofuran	1.662	1.603		-3.55	
2,4-Dinitrotoluene	0.489	0.475		-2.863	
Diethylphthalate	1.558	1.478		-5.135	
4-Chlorophenyl-phenylether	0.863	0.814		-5.678	
Fluorene	1.438	1.375		-4.381	
4-Nitroaniline	0.328	0.311		-5.183	
4,6-Dinitro-2-methylphenol	0.124	0.120		-3.226	
n-Nitrosodiphenylamine	0.496	0.485		-2.218	20.0
Azobenzene	1.213	1.210		-0.247	
2,4,6-Tribromophenol	0.400	0.342		-14.5	
4-Bromophenyl-phenylether	0.236	0.235		-0.424	
Hexachlorobenzene	0.293	0.281		-4.096	
Atrazine	0.205	0.176		-14.146	
Pentachlorophenol	0.180	0.164		-8.889	20.0
Phenanthrene	0.914	0.899		-1.641	
Anthracene	0.913	0.908		-0.548	
Carbazole	0.802	0.795		-0.873	
Di-n-butylphthalate	0.954	0.954		0.0	
Fluoranthene	1.253	1.209		-3.512	20.0
Benzidine	0.328	0.313		-4.573	
Pyrene	1.272	1.261		-0.865	
Terphenyl-d14	1.203	1.159		-3.658	
Butylbenzylphthalate	0.402	0.403		0.249	
3,3-Dichlorobenzidine	0.471	0.439		-6.794	
Benzo(a)anthracene	1.309	1.255		-4.125	
Chrysene	1.226	1.191		-2.855	
Bis(2-ethylhexyl)phthalate	0.526	0.564		7.224	
Di-n-octyl phthalate	0.927	0.967		4.315	20.0
Benzo(b)fluoranthene	1.118	1.053		-5.814	
Benzo(k)fluoranthene	1.075	1.038		-3.442	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG051724 SAS No.: BG051724 SDG No.: BG051724

Instrument ID: BNA_G Calibration Date/Time: 5/17/2024 1:10:21

Lab File ID: BG061232.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	0.974	0.937		-3.799	20.0
Indeno(1,2,3-cd)pyrene	1.325	1.275		-3.774	
Dibenzo(a,h)anthracene	1.098	1.058		-3.643	
Benzo(g,h,i)perylene	1.091	1.059		-2.933	
1,2,4,5-Tetrachlorobenzene	0.667	0.641		-3.898	
1,4-Dioxane	0.398	0.361		-9.296	20.0
2,3,4,6-Tetrachlorophenol	0.499	0.408		-18.236	
1-Methylnaphthalene	0.784	0.731		-6.76	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	5/16/2024 12:00:00 AM	
Project:				Date Received:	5/16/2024 12:00:00 AM	
Client Sample ID:	PB160948BL			SDG No.:	BG051724	
Lab Sample ID:	PB160948BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061233.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

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

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	PB160948BL	SDG No.:	BG051724
Lab Sample ID:	PB160948BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061233.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

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

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	PB160948BL	SDG No.:	BG051724
Lab Sample ID:	PB160948BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061233.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	161.421		18-112		108	SPK: -150
13127-88-3	Phenol-d6	148.913		15-107		99	SPK: -150
4165-60-0	Nitrobenzene-d5	93.105		18-107		93	SPK: -100
321-60-8	2-Fluorobiphenyl	89.668		20-109		90	SPK: -100

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	PB160948BL	SDG No.:	BG051724
Lab Sample ID:	PB160948BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061233.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.515		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	90.658		14-112		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	16045	7.931				
1146-65-2	Naphthalene-d8	64017	10.722				
15067-26-2	Acenaphthene-d10	55181	14.559				
1517-22-2	Phenanthrene-d10	160784	17.309				
1719-03-5	Chrysene-d12	183342	21.568				
1520-96-3	Perylene-d12	208058	24.7				

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	PB160948BS	SDG No.:	BG051724
Lab Sample ID:	PB160948BS	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
BG061234.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		86.7	270	330	ug/Kg
110-86-1	Pyridine	1000		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	800		180	270	330	ug/Kg
62-53-3	Aniline	1200		96.8	130	170	ug/Kg
108-95-2	Phenol	1700		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1700		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	720		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	1100		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	PB160948BS	SDG No.:	BG051724
Lab Sample ID:	PB160948BS	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
BG061234.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600		160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	23800		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2400		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2700	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1400		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	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1600		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	PB160948BS	SDG No.:	BG051724
Lab Sample ID:	PB160948BS	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
BG061234.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	930		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	970		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	159.35		18-112		106	SPK: -150
13127-88-3	Phenol-d6	149.4		15-107		100	SPK: -150
4165-60-0	Nitrobenzene-d5	87.541		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	81.435		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	PB160948BS	SDG No.:	BG051724
Lab Sample ID:	PB160948BS	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
BG061234.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.34		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	83.133		14-112		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19221	7.929				
1146-65-2	Naphthalene-d8	82648	10.726				
15067-26-2	Acenaphthene-d10	74443	14.562				
1517-22-2	Phenanthrene-d10	196413	17.312				
1719-03-5	Chrysene-d12	199664	21.572				
1520-96-3	Perylene-d12	223881	24.698				

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG051724
Lab Sample ID:	P2487-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061235.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	98.1	U	98.1	310	370	ug/Kg
110-86-1	Pyridine	90.3	U	90.3	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.7	U	93.7	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94.6	U	94.6	150	190	ug/Kg
95-57-8	2-Chlorophenol	94.4	U	94.4	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.6	U	95.6	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.2	U	97.2	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.8	U	97.8	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.8	U	93.8	310	370	ug/Kg
95-48-7	2-Methylphenol	91.1	U	91.1	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	98.2	U	98.2	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	90.2	U	90.2	310	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.5	U	45.5	90.4	90.4	ug/Kg
67-72-1	Hexachloroethane	93.8	U	93.8	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95.6	U	95.6	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	97	U	97	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.3	U	85.3	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	96.5	U	96.5	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	370	ug/Kg
91-20-3	Naphthalene	93.4	U	93.4	150	190	ug/Kg
106-47-8	4-Chloroaniline	93.4	U	93.4	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.1	U	94.1	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG051724
Lab Sample ID:	P2487-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061235.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	98.1	U	98.1	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.6	U	87.6	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	93.2	U	93.2	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.7	U	80.7	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.6	U	83.6	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.8	U	98.8	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.1	U	94.1	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	92.3	U	92.3	150	190	ug/Kg
208-96-8	Acenaphthylene	97.8	U	97.8	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	94	U	94	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.7	U	91.7	150	190	ug/Kg
Total PAH	Total PAH	3770	U	1502.7	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	310	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	370	ug/Kg
132-64-9	Dibenzofuran	95.4	U	95.4	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	191.4	U	191.4	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	97.4	U	97.4	150	190	ug/Kg
84-66-2	Diethylphthalate	90.5	U	90.5	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.7	U	96.7	150	190	ug/Kg
86-73-7	Fluorene	96.6	U	96.6	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	92.2	U	92.2	150	190	ug/Kg
103-33-3	Azobenzene	90	U	90	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	89.2	U	89.2	150	190	ug/Kg
118-74-1	Hexachlorobenzene	96.1	U	96.1	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG051724
Lab Sample ID:	P2487-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	30.06 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
BG061235.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.4	U	87.4	310	370	ug/Kg
85-01-8	Phenanthrene	470		94.9	150	190	ug/Kg
120-12-7	Anthracene	95.4	U	95.4	150	190	ug/Kg
86-74-8	Carbazole	90.8	U	90.8	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	95.3	U	95.3	150	190	ug/Kg
206-44-0	Fluoranthene	670		92.3	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	310	370	ug/Kg
129-00-0	Pyrene	650		93.8	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	370	ug/Kg
56-55-3	Benzo(a)anthracene	350		91.2	150	190	ug/Kg
218-01-9	Chrysene	360		89.9	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	310	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		91.7	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	93.4	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	340		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	88.3	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.8	U	91.8	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		90.5	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.1	U	98.1	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84.4	U	84.4	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	94	U	94	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	29.617		18-112		20	SPK: -150
13127-88-3	Phenol-d6	26.815		15-107		18	SPK: -150
4165-60-0	Nitrobenzene-d5	17.172	*	18-107		17	SPK: -100
321-60-8	2-Fluorobiphenyl	17.326	*	20-109		17	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG051724
Lab Sample ID:	P2487-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	30.06 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
BG061235.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	49.214		10-110		33	SPK: -150
1718-51-0	Terphenyl-d14	44.697		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27155	7.926				
1146-65-2	Naphthalene-d8	105688	10.723				
15067-26-2	Acenaphthene-d10	83471	14.559				
1517-22-2	Phenanthrene-d10	193516	17.309				
1719-03-5	Chrysene-d12	189653	21.569				
1520-96-3	Perylene-d12	226336	24.695				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	510	J			3.149	
002531-84-2	Phenanthrene, 2-methyl-	84.4	J			18.185	
000610-48-0	Anthracene, 1-methyl-	110	J			18.232	
018791-75-8	4-Bromothiophene-2-aldehyde	140	J			18.378	
000243-17-4	11H-Benzo[b]fluorene	78	J			20.218	
000192-97-2	Benzo[e]pyrene	220	J			24.401	

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-03-229	SDG No.:	BG051724
Lab Sample ID:	P2482-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061236.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.8	U	99.8	310	380	ug/Kg
110-86-1	Pyridine	91.8	U	91.8	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	95.3	U	95.3	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96.2	U	96.2	150	200	ug/Kg
95-57-8	2-Chlorophenol	96	U	96	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.2	U	97.2	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.8	U	98.8	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	99.4	U	99.4	150	200	ug/Kg
100-51-6	Benzyl Alcohol	95.4	U	95.4	310	380	ug/Kg
95-48-7	2-Methylphenol	92.6	U	92.6	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	200	ug/Kg
98-86-2	Acetophenone	99.9	U	99.9	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	91.7	U	91.7	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.3	U	46.3	91.9	91.9	ug/Kg
67-72-1	Hexachloroethane	95.4	U	95.4	150	200	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	200	ug/Kg
78-59-1	Isophorone	97.2	U	97.2	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	98.6	U	98.6	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	86.8	U	86.8	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	98.1	U	98.1	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	94.9	U	94.9	150	200	ug/Kg
106-47-8	4-Chloroaniline	94.9	U	94.9	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	95.7	U	95.7	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-03-229	SDG No.:	BG051724
Lab Sample ID:	P2482-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061236.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99.8	U	99.8	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89.1	U	89.1	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	94.8	U	94.8	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.1	U	82.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85	U	85	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	95.7	U	95.7	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	93.9	U	93.9	150	200	ug/Kg
208-96-8	Acenaphthylene	99.4	U	99.4	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.6	U	95.6	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	170	J	93.2	150	200	ug/Kg
Total PAH	Total PAH	10020		1526	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	97	U	97	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	94.7	U	194.7	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.1	U	99.1	150	200	ug/Kg
84-66-2	Diethylphthalate	92.1	U	92.1	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98.4	U	98.4	150	200	ug/Kg
86-73-7	Fluorene	120	J	98.3	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.8	U	93.8	150	200	ug/Kg
103-33-3	Azobenzene	91.5	U	91.5	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90.7	U	90.7	150	200	ug/Kg
118-74-1	Hexachlorobenzene	97.7	U	97.7	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-03-229	SDG No.:	BG051724
Lab Sample ID:	P2482-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061236.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.8	U	88.8	310	380	ug/Kg
85-01-8	Phenanthrene	1400		96.5	150	200	ug/Kg
120-12-7	Anthracene	310		97	150	200	ug/Kg
86-74-8	Carbazole	130	J	92.3	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	96.9	U	96.9	150	200	ug/Kg
206-44-0	Fluoranthene	1700		93.9	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	1500		95.4	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	880		92.7	150	200	ug/Kg
218-01-9	Chrysene	840		91.4	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	970		93.2	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		94.9	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	810		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390		89.8	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	93.3	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	470		92.1	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.8	U	99.8	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85.8	U	85.8	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	95.6	U	95.6	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.487		18-112		66	SPK: -150
13127-88-3	Phenol-d6	91.903		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	61.522		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	57.498		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-03-229	SDG No.:	BG051724
Lab Sample ID:	P2482-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061236.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.714		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	53.573		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27682	7.929				
1146-65-2	Naphthalene-d8	110529	10.726				
15067-26-2	Acenaphthene-d10	85867	14.556				
1517-22-2	Phenanthrene-d10	194403	17.306				
1719-03-5	Chrysene-d12	190694	21.566				
1520-96-3	Perylene-d12	229933	24.692				
TENTATIVE IDENTIFIED COMPOUNDS							
004570-45-0	2-Amino-oxazole	84.7	J			3.07	
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			3.146	
	unknown3.669	200	J			3.669	
	unknown14.768	80.1	J			14.768	
000832-69-9	Phenanthrene, 1-methyl-	230	J			18.182	
000610-48-0	Anthracene, 1-methyl-	240	J			18.235	
002531-84-2	Phenanthrene, 2-methyl-	86.6	J			18.317	
000203-64-5	4H-Cyclopenta[def]phenanthrene	320	J			18.381	
1000210-14-8	Naphtho[1,2-b]norbornadiene	93.5	J			18.417	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	120	J			18.681	
000084-65-1	9,10-Anthracenedione	120	J			18.722	
000781-43-1	9,10-Dimethylanthracene	83.5	J			19.098	
005737-13-3	Cyclopenta(def)phenanthrenone	99.6	J			19.239	
002381-21-7	Pyrene, 1-methyl-	110	J			20.22	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	84.7	J			21.155	
000479-79-8	11H-Benzo[a]fluoren-11-one	81.6	J			21.302	
000192-97-2	Benzo[e]pyrene	580	J			24.41	

Report of Analysis

Client:				Date Collected:	5/14/2024 12:00:00 AM		
Project:				Date Received:	5/14/2024 12:00:00 AM		
Client Sample ID:	P-01-229			SDG No.:	BG051724		
Lab Sample ID:	P2482-07			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	12.4		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061237.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99	U	99	310	380	ug/Kg
110-86-1	Pyridine	91.1	U	91.1	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	94.5	U	94.5	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	95.5	U	95.5	150	190	ug/Kg
95-57-8	2-Chlorophenol	95.2	U	95.2	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	96.5	U	96.5	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.1	U	98.1	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	98.6	U	98.6	150	190	ug/Kg
100-51-6	Benzyl Alcohol	94.7	U	94.7	310	380	ug/Kg
95-48-7	2-Methylphenol	91.9	U	91.9	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	99.1	U	99.1	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	91	U	91	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46	U	46	91.2	91.2	ug/Kg
67-72-1	Hexachloroethane	94.7	U	94.7	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	96.5	U	96.5	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	97.8	U	97.8	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.1	U	86.1	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.4	U	97.4	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	94.2	U	94.2	150	190	ug/Kg
106-47-8	4-Chloroaniline	94.2	U	94.2	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95	U	95	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	P-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061237.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99	U	99	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.4	U	88.4	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	94.1	U	94.1	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.4	U	81.4	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.4	U	84.4	150	190	ug/Kg
92-52-4	1,1-Biphenyl	99.7	U	99.7	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	95	U	95	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	93.2	U	93.2	150	190	ug/Kg
208-96-8	Acenaphthylene	98.6	U	98.6	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	94.9	U	94.9	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	92.5	U	92.5	150	190	ug/Kg
Total PAH	Total PAH	5880		1515.2	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	96.3	U	96.3	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.3	U	98.3	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.2	U	193.2	150	380	ug/Kg
84-66-2	Diethylphthalate	91.3	U	91.3	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	97.6	U	97.6	150	190	ug/Kg
86-73-7	Fluorene	97.5	U	97.5	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.1	U	93.1	150	190	ug/Kg
103-33-3	Azobenzene	90.8	U	90.8	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90	U	90	150	190	ug/Kg
118-74-1	Hexachlorobenzene	96.9	U	96.9	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	P-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061237.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.2	U	88.2	310	380	ug/Kg
85-01-8	Phenanthrene	660		95.8	150	190	ug/Kg
120-12-7	Anthracene	150	J	96.3	150	190	ug/Kg
86-74-8	Carbazole	91.6	U	91.6	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	96.1	U	96.1	150	190	ug/Kg
206-44-0	Fluoranthene	1000		93.2	150	190	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	900		94.7	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	560		92	150	190	ug/Kg
218-01-9	Chrysene	560		90.7	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	650		92.5	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		94.2	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	550		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		89.1	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92.6	U	92.6	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		91.3	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99	U	99	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85.2	U	85.2	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	94.9	U	94.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.236		18-112		61	SPK: -150
13127-88-3	Phenol-d6	86.976		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	57.201		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	55.151		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	P-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
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
BG061237.D	1	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.853		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	52.823		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27931	7.931				
1146-65-2	Naphthalene-d8	110563	10.722				
15067-26-2	Acenaphthene-d10	84549	14.558				
1517-22-2	Phenanthrene-d10	183195	17.308				
1719-03-5	Chrysene-d12	185718	21.568				
1520-96-3	Perylene-d12	228697	24.693				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.148	
026549-24-6	2-Hexanol, (R)-	100	J			3.671	
000832-69-9	Phenanthrene, 1-methyl-	97.3	J			18.183	
000779-02-2	Anthracene, 9-methyl-	110	J			18.23	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.377	
000084-65-1	9,10-Anthracenedione	79.1	J			18.724	
001576-67-6	Phenanthrene, 3,6-dimethyl-	84.8	J			19.106	
000243-17-4	11H-Benzo[b]fluorene	89	J			20.222	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	82.1	J			21.156	
	unknown21.244	130	J			21.244	
000192-97-2	Benzo[e]pyrene	400	J			24.406	

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	WCS-TPL	SDG No.:	BG051724
Lab Sample ID:	P2486-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BG061238.D	2	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	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	360	440	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	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.3	U	53.3	110	110	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	99.8	U	99.8	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	360	440	ug/Kg
91-20-3	Naphthalene	110	U	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

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	WCS-TPL	SDG No.:	BG051724
Lab Sample ID:	P2486-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BG061238.D	2	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.4	U	94.4	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.9	U	97.9	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	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	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	12300		1760	170	3520	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	110	U	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	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	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	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	110	U	110	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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	WCS-TPL	SDG No.:	BG051724
Lab Sample ID:	P2486-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BG061238.D	2	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

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	1100		110	170	220	ug/Kg
120-12-7	Anthracene	280		110	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	1900		110	170	220	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	1900		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	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	1200		110	170	220	ug/Kg
218-01-9	Chrysene	1100		110	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	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	460		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	1200		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	650		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	J	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	810		110	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	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	98.8	U	98.8	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.638		18-112		62	SPK: -150
13127-88-3	Phenol-d6	86.092		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	57.848		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	53.828		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	WCS-TPL	SDG No.:	BG051724
Lab Sample ID:	P2486-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BG061238.D	2	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.812		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	49.148		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29557	7.929				
1146-65-2	Naphthalene-d8	115746	10.72				
15067-26-2	Acenaphthene-d10	85753	14.556				
1517-22-2	Phenanthrene-d10	186530	17.306				
1719-03-5	Chrysene-d12	184073	21.566				
1520-96-3	Perylene-d12	226499	24.692				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	980	J			3.152	
013678-98-3	Benzene, 5-heptene-1,3-diyn-1-yl-	100	J			15.602	
002531-84-2	Phenanthrene, 2-methyl-	190	J			18.182	
000832-69-9	Phenanthrene, 1-methyl-	280	J			18.229	
000610-48-0	Anthracene, 1-methyl-	120	J			18.311	
000203-64-5	4H-Cyclopenta[def]phenanthrene	380	J			18.375	
004505-48-0	1H-Indene, 2-phenyl-	140	J			18.411	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	140	J			18.681	
000084-65-1	9,10-Anthracenedione	100	J			18.722	
003674-66-6	Phenanthrene, 2,5-dimethyl-	250	J			19.098	
	unknown19.163	140	J			19.163	
005737-13-3	Cyclopenta(def)phenanthrenone	190	J			19.239	
000243-17-4	11H-Benzo[b]fluorene	120	J			20.05	
002381-21-7	Pyrene, 1-methyl-	130	J			20.215	
033543-31-6	Fluoranthene, 2-methyl-	120	J			20.373	
000301-02-0	9-Octadecenamide, (Z)-	110	J			20.608	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	120	J			21.155	
027208-37-3	Cyclopenta[cd]pyrene	120	J			21.243	
003351-31-3	Chrysene, 3-methyl-	97	J			22.277	

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	WCS-TPL	SDG No.:	BG051724
Lab Sample ID:	P2486-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BG061238.D	2	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	900	J			24.404	



Client:				Date Collected:	5/15/2024 12:00:00 AM	
Project:				Date Received:	5/15/2024 12:00:00 AM	
Client Sample ID:	CHRT-28452			SDG No.:	BG051724	
Lab Sample ID:	P2496-03			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	25.7	
Sample Wt/Vol:	50.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061239.D	2	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	440	530	ug/Kg
110-86-1	Pyridine	130	U	130	210	270	ug/Kg
100-52-7	Benzaldehyde	290	U	290	440	530	ug/Kg
62-53-3	Aniline	160	U	160	210	270	ug/Kg
108-95-2	Phenol	130	U	130	210	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	140	210	270	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	210	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	140	U	140	210	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	210	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	210	270	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	440	530	ug/Kg
95-48-7	2-Methylphenol	130	U	130	210	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	210	270	ug/Kg
98-86-2	Acetophenone	140	U	140	210	270	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	440	530	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.1	U	65.1	130	130	ug/Kg
67-72-1	Hexachloroethane	130	U	130	210	270	ug/Kg
98-95-3	Nitrobenzene	150	U	150	210	270	ug/Kg
78-59-1	Isophorone	140	U	140	210	270	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	210	270	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	210	270	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	210	270	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	210	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	U	140	210	270	ug/Kg
65-85-0	Benzoic acid	380	U	380	440	530	ug/Kg
91-20-3	Naphthalene	130	U	130	210	270	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	210	270	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	210	270	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	CHRT-28452	SDG No.:	BG051724
Lab Sample ID:	P2496-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.7
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061239.D	2	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	U	140	440	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	210	270	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	210	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	440	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	210	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	210	270	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	210	270	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	270	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	210	270	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	210	270	ug/Kg
208-96-8	Acenaphthylene	140	U	140	210	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	210	270	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	210	270	ug/Kg
83-32-9	Acenaphthene	130	U	130	210	270	ug/Kg
Total PAH	Total PAH	12650	U	2140	210	4320	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	390	440	530	ug/Kg
100-02-7	4-Nitrophenol	190	U	190	440	530	ug/Kg
132-64-9	Dibenzofuran	140	U	140	210	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	210	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	U	270	210	540	ug/Kg
84-66-2	Diethylphthalate	130	U	130	210	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	210	270	ug/Kg
86-73-7	Fluorene	140	U	140	210	270	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	210	270	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	440	530	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	210	270	ug/Kg
103-33-3	Azobenzene	130	U	130	210	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	210	270	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	210	270	ug/Kg
1912-24-9	Atrazine	150	U	150	210	270	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	CHRT-28452	SDG No.:	BG051724
Lab Sample ID:	P2496-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.7
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061239.D	2	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120	U	120	440	530	ug/Kg
85-01-8	Phenanthrene	1100		140	210	270	ug/Kg
120-12-7	Anthracene	180	J	140	210	270	ug/Kg
86-74-8	Carbazole	130	U	130	210	270	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	210	270	ug/Kg
206-44-0	Fluoranthene	2300		130	210	270	ug/Kg
92-87-5	Benzidine	260	U	260	440	530	ug/Kg
129-00-0	Pyrene	2000		130	210	270	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	210	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	440	530	ug/Kg
56-55-3	Benzo(a)anthracene	1100		130	210	270	ug/Kg
218-01-9	Chrysene	1300		130	210	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	210	270	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	440	530	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		130	210	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	610		130	210	270	ug/Kg
50-32-8	Benzo(a)pyrene	1100		150	210	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	600		130	210	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	J	130	210	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	690		130	210	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	210	270	ug/Kg
123-91-1	1,4-Dioxane	180	U	180	210	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	210	270	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	270	270	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.528		18-112		56	SPK: -150
13127-88-3	Phenol-d6	77.088		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	55.728		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	52.21		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	CHRT-28452	SDG No.:	BG051724
Lab Sample ID:	P2496-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.7
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061239.D	2	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.506		10-110		42	SPK: -150
1718-51-0	Terphenyl-d14	47.116		14-112		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30239	7.927				
1146-65-2	Naphthalene-d8	113577	10.724				
15067-26-2	Acenaphthene-d10	84537	14.566				
1517-22-2	Phenanthrene-d10	173710	17.333				
1719-03-5	Chrysene-d12	173116	21.587				
1520-96-3	Perylene-d12	217607	24.707				
TENTATIVE IDENTIFIED COMPOUNDS							
000763-29-1	1-Pentene, 2-methyl-	380	J			3.074	
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.15	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	210	J			12.633	
	unknown13.838	120	J			13.838	
313253-65-5	2-Pentanone, 4-cyclohexylidene-3,3	110	J			13.984	
	unknown14.096	190	J			14.096	
	unknown14.308	180	J			14.308	
	unknown14.396	580	J			14.396	
1000309-24-3	Oxalic acid, allyl pentadecyl este	330	J			15.095	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	960	J			16.329	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	1100	J			17.151	

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	B-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061240.D	5	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500	U	500	1600	1900	ug/Kg
110-86-1	Pyridine	460	U	460	750	980	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1600	1900	ug/Kg
62-53-3	Aniline	560	U	560	750	980	ug/Kg
108-95-2	Phenol	480	U	480	750	980	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	480	U	480	750	980	ug/Kg
95-57-8	2-Chlorophenol	480	U	480	750	980	ug/Kg
95-50-1	1,2-Dichlorobenzene	490	U	490	750	980	ug/Kg
541-73-1	1,3-Dichlorobenzene	500	U	500	750	980	ug/Kg
106-46-7	1,4-Dichlorobenzene	500	U	500	750	980	ug/Kg
100-51-6	Benzyl Alcohol	480	U	480	1600	1900	ug/Kg
95-48-7	2-Methylphenol	460	U	460	750	980	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	520	U	520	750	980	ug/Kg
98-86-2	Acetophenone	500	U	500	750	980	ug/Kg
65794-96-9	3+4-Methylphenols	460	U	460	1600	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	230	U	230	460	460	ug/Kg
67-72-1	Hexachloroethane	480	U	480	750	980	ug/Kg
98-95-3	Nitrobenzene	520	U	520	750	980	ug/Kg
78-59-1	Isophorone	490	U	490	750	980	ug/Kg
88-75-5	2-Nitrophenol	540	U	540	750	980	ug/Kg
105-67-9	2,4-Dimethylphenol	540	U	540	750	980	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	490	U	490	750	980	ug/Kg
120-83-2	2,4-Dichlorophenol	440	U	440	750	980	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	490	U	490	750	980	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1600	1900	ug/Kg
91-20-3	Naphthalene	1600		480	750	980	ug/Kg
106-47-8	4-Chloroaniline	480	U	480	750	980	ug/Kg
87-68-3	Hexachlorobutadiene	480	U	480	750	980	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	B-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061240.D	5	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	500	U	500	1600	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	450	U	450	750	980	ug/Kg
91-57-6	2-Methylnaphthalene	480	U	480	750	980	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900	U	900	1600	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	410	750	980	ug/Kg
95-95-4	2,4,5-Trichlorophenol	430	U	430	750	980	ug/Kg
92-52-4	1,1-Biphenyl	500	U	500	750	980	ug/Kg
91-58-7	2-Chloronaphthalene	480	U	480	750	980	ug/Kg
88-74-4	2-Nitroaniline	550	U	550	750	980	ug/Kg
131-11-3	Dimethylphthalate	470	U	470	750	980	ug/Kg
208-96-8	Acenaphthylene	500	U	500	750	980	ug/Kg
606-20-2	2,6-Dinitrotoluene	480	U	480	750	980	ug/Kg
99-09-2	3-Nitroaniline	510	U	510	750	980	ug/Kg
83-32-9	Acenaphthene	2400		470	750	980	ug/Kg
Total PAH	Total PAH	51700		7660	750	15680	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1600	1900	ug/Kg
100-02-7	4-Nitrophenol	670	U	670	1600	1900	ug/Kg
132-64-9	Dibenzofuran	760	J	490	750	980	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	980	U	980	750	1960	ug/Kg
121-14-2	2,4-Dinitrotoluene	500	U	500	750	980	ug/Kg
84-66-2	Diethylphthalate	460	U	460	750	980	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	490	U	490	750	980	ug/Kg
86-73-7	Fluorene	1300		490	750	980	ug/Kg
100-01-6	4-Nitroaniline	620	U	620	750	980	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	670	U	670	1600	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	470	U	470	750	980	ug/Kg
103-33-3	Azobenzene	460	U	460	750	980	ug/Kg
101-55-3	4-Bromophenyl-phenylether	460	U	460	750	980	ug/Kg
118-74-1	Hexachlorobenzene	490	U	490	750	980	ug/Kg
1912-24-9	Atrazine	530	U	530	750	980	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	B-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061240.D	5	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	450	U	450	1600	1900	ug/Kg
85-01-8	Phenanthrene	8400		480	750	980	ug/Kg
120-12-7	Anthracene	2400		490	750	980	ug/Kg
86-74-8	Carbazole	1200		460	750	980	ug/Kg
84-74-2	Di-n-butylphthalate	490	U	490	750	980	ug/Kg
206-44-0	Fluoranthene	8200		470	750	980	ug/Kg
92-87-5	Benzidine	940	U	940	1600	1900	ug/Kg
129-00-0	Pyrene	6800		480	750	980	ug/Kg
85-68-7	Butylbenzylphthalate	560	U	560	750	980	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570	U	570	1600	1900	ug/Kg
56-55-3	Benzo(a)anthracene	4100		470	750	980	ug/Kg
218-01-9	Chrysene	3700		460	750	980	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520	U	520	750	980	ug/Kg
117-84-0	Di-n-octyl phthalate	630	U	630	1600	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	4300		470	750	980	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		480	750	980	ug/Kg
50-32-8	Benzo(a)pyrene	3700		540	750	980	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		450	750	980	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	470	U	470	750	980	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		460	750	980	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	500	U	500	750	980	ug/Kg
123-91-1	1,4-Dioxane	630	U	630	750	980	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	430	U	430	750	980	ug/Kg
90-12-0	1-Methylnaphthalene	480	U	480	980	980	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.6		18-112		66	SPK: -150
13127-88-3	Phenol-d6	92.84		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	64.9		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	60		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	B-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061240.D	5	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.945		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	55.91		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27222	7.929				
1146-65-2	Naphthalene-d8	104968	10.725				
15067-26-2	Acenaphthene-d10	78874	14.562				
1517-22-2	Phenanthrene-d10	179750	17.306				
1719-03-5	Chrysene-d12	179665	21.571				
1520-96-3	Perylene-d12	224357	24.697				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	J			3.152	
000613-12-7	Anthracene, 2-methyl-	600	J			18.181	
000832-69-9	Phenanthrene, 1-methyl-	820	J			18.234	
002531-84-2	Phenanthrene, 2-methyl-	390	J			18.317	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1400	J			18.381	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	410	J			18.681	
033543-31-6	Fluoranthene, 2-methyl-	620	J			20.22	
000243-17-4	11H-Benzo[b]fluorene	650	J			20.32	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	430	J			21.759	
000205-82-3	Benzo[j]fluoranthene	2400	J			24.403	

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061241.D	5	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	490	U	490	1500	1900	ug/Kg
110-86-1	Pyridine	450	U	450	730	960	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1500	1900	ug/Kg
62-53-3	Aniline	550	U	550	730	960	ug/Kg
108-95-2	Phenol	470	U	470	730	960	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	470	U	470	730	960	ug/Kg
95-57-8	2-Chlorophenol	470	U	470	730	960	ug/Kg
95-50-1	1,2-Dichlorobenzene	480	U	480	730	960	ug/Kg
541-73-1	1,3-Dichlorobenzene	490	U	490	730	960	ug/Kg
106-46-7	1,4-Dichlorobenzene	490	U	490	730	960	ug/Kg
100-51-6	Benzyl Alcohol	470	U	470	1500	1900	ug/Kg
95-48-7	2-Methylphenol	460	U	460	730	960	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	510	U	510	730	960	ug/Kg
98-86-2	Acetophenone	490	U	490	730	960	ug/Kg
65794-96-9	3+4-Methylphenols	450	U	450	1500	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	230	U	230	450	450	ug/Kg
67-72-1	Hexachloroethane	470	U	470	730	960	ug/Kg
98-95-3	Nitrobenzene	510	U	510	730	960	ug/Kg
78-59-1	Isophorone	480	U	480	730	960	ug/Kg
88-75-5	2-Nitrophenol	530	U	530	730	960	ug/Kg
105-67-9	2,4-Dimethylphenol	530	U	530	730	960	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	480	U	480	730	960	ug/Kg
120-83-2	2,4-Dichlorophenol	430	U	430	730	960	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	480	U	480	730	960	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1500	1900	ug/Kg
91-20-3	Naphthalene	780	J	470	730	960	ug/Kg
106-47-8	4-Chloroaniline	470	U	470	730	960	ug/Kg
87-68-3	Hexachlorobutadiene	470	U	470	730	960	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061241.D	5	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	490	U	490	1500	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	440	U	440	730	960	ug/Kg
91-57-6	2-Methylnaphthalene	470	U	470	730	960	ug/Kg
77-47-4	Hexachlorocyclopentadiene	880	U	880	1500	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	400	U	400	730	960	ug/Kg
95-95-4	2,4,5-Trichlorophenol	420	U	420	730	960	ug/Kg
92-52-4	1,1-Biphenyl	490	U	490	730	960	ug/Kg
91-58-7	2-Chloronaphthalene	470	U	470	730	960	ug/Kg
88-74-4	2-Nitroaniline	540	U	540	730	960	ug/Kg
131-11-3	Dimethylphthalate	460	U	460	730	960	ug/Kg
208-96-8	Acenaphthylene	490	U	490	730	960	ug/Kg
606-20-2	2,6-Dinitrotoluene	470	U	470	730	960	ug/Kg
99-09-2	3-Nitroaniline	500	U	500	730	960	ug/Kg
83-32-9	Acenaphthene	1400		460	730	960	ug/Kg
Total PAH	Total PAH	37320		7500	730	15360	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1500	1900	ug/Kg
100-02-7	4-Nitrophenol	660	U	660	1500	1900	ug/Kg
132-64-9	Dibenzofuran	480	U	480	730	960	ug/Kg
121-14-2	2,4-Dinitrotoluene	490	U	490	730	960	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960	U	960	730	1920	ug/Kg
84-66-2	Diethylphthalate	450	U	450	730	960	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	480	U	480	730	960	ug/Kg
86-73-7	Fluorene	740	J	480	730	960	ug/Kg
100-01-6	4-Nitroaniline	600	U	600	730	960	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	660	U	660	1500	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	460	U	460	730	960	ug/Kg
103-33-3	Azobenzene	450	U	450	730	960	ug/Kg
101-55-3	4-Bromophenyl-phenylether	450	U	450	730	960	ug/Kg
118-74-1	Hexachlorobenzene	480	U	480	730	960	ug/Kg
1912-24-9	Atrazine	520	U	520	730	960	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BG061241.D	5	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	440	U	440	1500	1900	ug/Kg
85-01-8	Phenanthrene	5800		470	730	960	ug/Kg
120-12-7	Anthracene	1500		480	730	960	ug/Kg
86-74-8	Carbazole	760	J	450	730	960	ug/Kg
84-74-2	Di-n-butylphthalate	480	U	480	730	960	ug/Kg
206-44-0	Fluoranthene	6200		460	730	960	ug/Kg
92-87-5	Benzidine	920	U	920	1500	1900	ug/Kg
129-00-0	Pyrene	5300		470	730	960	ug/Kg
85-68-7	Butylbenzylphthalate	550	U	550	730	960	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560	U	560	1500	1900	ug/Kg
56-55-3	Benzo(a)anthracene	3100		460	730	960	ug/Kg
218-01-9	Chrysene	2900		450	730	960	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	510	U	510	730	960	ug/Kg
117-84-0	Di-n-octyl phthalate	620	U	620	1500	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	3200		460	730	960	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		470	730	960	ug/Kg
50-32-8	Benzo(a)pyrene	2700		530	730	960	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		440	730	960	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	460	U	460	730	960	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		450	730	960	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	490	U	490	730	960	ug/Kg
123-91-1	1,4-Dioxane	620	U	620	730	960	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	420	U	420	730	960	ug/Kg
90-12-0	1-Methylnaphthalene	470	U	470	960	960	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.03		18-112		73	SPK: -150
13127-88-3	Phenol-d6	100.79		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	73.325		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	70.37		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SW-01-229	SDG No.:	BG051724
Lab Sample ID:	P2482-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BG061241.D	5	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.195		10-110		53	SPK: -150
1718-51-0	Terphenyl-d14	62.875		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30805	7.93				
1146-65-2	Naphthalene-d8	113586	10.727				
15067-26-2	Acenaphthene-d10	83023	14.558				
1517-22-2	Phenanthrene-d10	186096	17.307				
1719-03-5	Chrysene-d12	183278	21.567				
1520-96-3	Perylene-d12	227699	24.693				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	J			3.153	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	440	J			18.183	
000832-69-9	Phenanthrene, 1-methyl-	610	J			18.236	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1000	J			18.383	
000238-84-6	11H-Benzo[a]fluorene	560	J			20.222	
000243-17-4	11H-Benzo[b]fluorene	500	J			20.321	
000192-97-2	Benzo[e]pyrene	1800	J			24.399	

Report of Analysis

Client:				Date Collected:	5/15/2024 12:00:00 AM		
Project:				Date Received:	5/15/2024 12:00:00 AM		
Client Sample ID:	RT-3463			SDG No.:	BG051724		
Lab Sample ID:	P2495-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.7		
Sample Wt/Vol:	50.06	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061242.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.4	U	56.4	180	210	ug/Kg
110-86-1	Pyridine	51.9	U	51.9	84.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	62.9	U	62.9	84.4	110	ug/Kg
108-95-2	Phenol	53.8	U	53.8	84.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.3	U	54.3	84.4	110	ug/Kg
95-57-8	2-Chlorophenol	54.2	U	54.2	84.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.9	U	54.9	84.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.8	U	55.8	84.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.2	U	56.2	84.4	110	ug/Kg
100-51-6	Benzyl Alcohol	53.9	U	53.9	180	210	ug/Kg
95-48-7	2-Methylphenol	52.3	U	52.3	84.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	59	84.4	110	ug/Kg
98-86-2	Acetophenone	56.4	U	56.4	84.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.8	U	51.8	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.2	U	26.2	51.9	51.9	ug/Kg
67-72-1	Hexachloroethane	53.9	U	53.9	84.4	110	ug/Kg
98-95-3	Nitrobenzene	59	U	59	84.4	110	ug/Kg
78-59-1	Isophorone	54.9	U	54.9	84.4	110	ug/Kg
88-75-5	2-Nitrophenol	61.4	U	61.4	84.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.5	U	60.5	84.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.7	U	55.7	84.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	84.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.4	U	55.4	84.4	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.6	U	53.6	84.4	110	ug/Kg
106-47-8	4-Chloroaniline	53.6	U	53.6	84.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.1	U	54.1	84.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT-3463	SDG No.:	BG051724
Lab Sample ID:	P2495-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BG061242.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.4	U	56.4	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.3	U	50.3	84.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.6	U	53.6	84.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.4	U	46.4	84.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	84.4	110	ug/Kg
92-52-4	1,1-Biphenyl	56.7	U	56.7	84.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.1	U	54.1	84.4	110	ug/Kg
88-74-4	2-Nitroaniline	61.7	U	61.7	84.4	110	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	84.4	110	ug/Kg
208-96-8	Acenaphthylene	56.2	U	56.2	84.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	84.4	110	ug/Kg
99-09-2	3-Nitroaniline	57.9	U	57.9	84.4	110	ug/Kg
83-32-9	Acenaphthene	52.7	U	52.7	84.4	110	ug/Kg
Total PAH	Total PAH	1096.5	U	860.3	84.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.3	U	75.3	180	210	ug/Kg
132-64-9	Dibenzofuran	54.8	U	54.8	84.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10	U	110	84.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	84.4	110	ug/Kg
84-66-2	Diethylphthalate	52	U	52	84.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.6	U	55.6	84.4	110	ug/Kg
86-73-7	Fluorene	55.5	U	55.5	84.4	110	ug/Kg
100-01-6	4-Nitroaniline	69.5	U	69.5	84.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53	U	53	84.4	110	ug/Kg
103-33-3	Azobenzene	51.7	U	51.7	84.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.2	U	51.2	84.4	110	ug/Kg
118-74-1	Hexachlorobenzene	55.2	U	55.2	84.4	110	ug/Kg
1912-24-9	Atrazine	59.3	U	59.3	84.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT-3463	SDG No.:	BG051724
Lab Sample ID:	P2495-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BG061242.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.2	U	50.2	180	210	ug/Kg
85-01-8	Phenanthrene	90.6	J	54.5	84.4	110	ug/Kg
120-12-7	Anthracene	54.8	U	54.8	84.4	110	ug/Kg
86-74-8	Carbazole	52.1	U	52.1	84.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.7	U	54.7	84.4	110	ug/Kg
206-44-0	Fluoranthene	200		53	84.4	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	200		53.9	84.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.8	U	62.8	84.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	52.4	84.4	110	ug/Kg
218-01-9	Chrysene	140		51.6	84.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.1	U	59.1	84.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.4	U	71.4	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	130		52.7	84.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	J	53.6	84.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	110		60.4	84.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.7	U	50.7	84.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.7	U	52.7	84.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65.9	J	52	84.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.4	U	56.4	84.4	110	ug/Kg
123-91-1	1,4-Dioxane	71.4	U	71.4	84.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.5	U	48.5	84.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.77		18-112		68	SPK: -150
13127-88-3	Phenol-d6	91.912		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	61.355		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	62.433		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT-3463	SDG No.:	BG051724
Lab Sample ID:	P2495-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BG061242.D	1	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.749		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	55.961		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29201	7.929				
1146-65-2	Naphthalene-d8	114719	10.726				
15067-26-2	Acenaphthene-d10	82610	14.557				
1517-22-2	Phenanthrene-d10	183024	17.307				
1719-03-5	Chrysene-d12	180725	21.566				
1520-96-3	Perylene-d12	224612	24.692				
TENTATIVE IDENTIFIED COMPOUNDS							
005458-16-2	Pentane, 2-cyclopropyl-	58.2	J			3.064	
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.152	
	unknown3.675	58.9	J			3.675	
002917-26-2	1-Hexadecanethiol	53.9	J			21.231	
000192-97-2	Benzo[e]pyrene	80.5	J			24.404	

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280856	SDG No.:	BG051724
Lab Sample ID:	P2497-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061243.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	530	U	530	1700	2000	ug/Kg
110-86-1	Pyridine	490	U	490	800	1000	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2000	ug/Kg
62-53-3	Aniline	600	U	600	800	1000	ug/Kg
108-95-2	Phenol	510	U	510	800	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	520	U	520	800	1000	ug/Kg
95-57-8	2-Chlorophenol	510	U	510	800	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	520	U	520	800	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	530	U	530	800	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	530	U	530	800	1000	ug/Kg
100-51-6	Benzyl Alcohol	510	U	510	1700	2000	ug/Kg
95-48-7	2-Methylphenol	500	U	500	800	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	560	U	560	800	1000	ug/Kg
98-86-2	Acetophenone	540	U	540	800	1000	ug/Kg
65794-96-9	3+4-Methylphenols	490	U	490	1700	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	490	490	ug/Kg
67-72-1	Hexachloroethane	510	U	510	800	1000	ug/Kg
98-95-3	Nitrobenzene	560	U	560	800	1000	ug/Kg
78-59-1	Isophorone	520	U	520	800	1000	ug/Kg
88-75-5	2-Nitrophenol	580	U	580	800	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	570	U	570	800	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	530	U	530	800	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	460	U	460	800	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	530	U	530	800	1000	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2000	ug/Kg
91-20-3	Naphthalene	510	U	510	800	1000	ug/Kg
106-47-8	4-Chloroaniline	510	U	510	800	1000	ug/Kg
87-68-3	Hexachlorobutadiene	510	U	510	800	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280856	SDG No.:	BG051724
Lab Sample ID:	P2497-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061243.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	530	U	530	1700	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	480	U	480	800	1000	ug/Kg
91-57-6	2-Methylnaphthalene	510	U	510	800	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	960	U	960	1700	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	440	U	440	800	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	460	U	460	800	1000	ug/Kg
92-52-4	1,1-Biphenyl	540	U	540	800	1000	ug/Kg
91-58-7	2-Chloronaphthalene	510	U	510	800	1000	ug/Kg
88-74-4	2-Nitroaniline	580	U	580	800	1000	ug/Kg
131-11-3	Dimethylphthalate	500	U	500	800	1000	ug/Kg
208-96-8	Acenaphthylene	530	U	530	800	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	510	U	510	800	1000	ug/Kg
99-09-2	3-Nitroaniline	550	U	550	800	1000	ug/Kg
83-32-9	Acenaphthene	500	U	500	800	1000	ug/Kg
Total PAH	Total PAH	8160	U	8160	800	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2000	ug/Kg
100-02-7	4-Nitrophenol	710	U	710	1700	2000	ug/Kg
132-64-9	Dibenzofuran	520	U	520	800	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1040	U	1040	800	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	530	U	530	800	1000	ug/Kg
84-66-2	Diethylphthalate	490	U	490	800	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	530	U	530	800	1000	ug/Kg
86-73-7	Fluorene	530	U	530	800	1000	ug/Kg
100-01-6	4-Nitroaniline	660	U	660	800	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	720	U	720	1700	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	500	U	500	800	1000	ug/Kg
103-33-3	Azobenzene	490	U	490	800	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	490	U	490	800	1000	ug/Kg
118-74-1	Hexachlorobenzene	520	U	520	800	1000	ug/Kg
1912-24-9	Atrazine	560	U	560	800	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280856	SDG No.:	BG051724
Lab Sample ID:	P2497-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061243.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	480	U	480	1700	2000	ug/Kg
85-01-8	Phenanthrene	520	U	520	800	1000	ug/Kg
120-12-7	Anthracene	520	U	520	800	1000	ug/Kg
86-74-8	Carbazole	490	U	490	800	1000	ug/Kg
84-74-2	Di-n-butylphthalate	520	U	520	800	1000	ug/Kg
206-44-0	Fluoranthene	500	U	500	800	1000	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2000	ug/Kg
129-00-0	Pyrene	510	U	510	800	1000	ug/Kg
85-68-7	Butylbenzylphthalate	600	U	600	800	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	610	U	610	1700	2000	ug/Kg
56-55-3	Benzo(a)anthracene	500	U	500	800	1000	ug/Kg
218-01-9	Chrysene	490	U	490	800	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	800	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	680	U	680	1700	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	U	500	800	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	510	U	510	800	1000	ug/Kg
50-32-8	Benzo(a)pyrene	570	U	570	800	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	480	U	480	800	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	500	U	500	800	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	490	U	490	800	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	530	U	530	800	1000	ug/Kg
123-91-1	1,4-Dioxane	680	U	680	800	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	460	U	460	800	1000	ug/Kg
90-12-0	1-Methylnaphthalene	510	U	510	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.79		18-112		59	SPK: -150
13127-88-3	Phenol-d6	75.95		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	56.2		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	57.14		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280856	SDG No.:	BG051724
Lab Sample ID:	P2497-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061243.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.12		10-110		39	SPK: -150
1718-51-0	Terphenyl-d14	51.09		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30693	7.929				
1146-65-2	Naphthalene-d8	116410	10.726				
15067-26-2	Acenaphthene-d10	83846	14.556				
1517-22-2	Phenanthrene-d10	181472	17.306				
1719-03-5	Chrysene-d12	184867	21.566				
1520-96-3	Perylene-d12	224177	24.692				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.158	



Client:				Date Collected:	5/15/2024 12:00:00 AM	
Project:				Date Received:	5/15/2024 12:00:00 AM	
Client Sample ID:	OK-01-051524			SDG No.:	BG051724	
Lab Sample ID:	P2498-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	14.8	
Sample Wt/Vol:	50.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061244.D	10	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	610	U	610	1900	2300	ug/Kg
110-86-1	Pyridine	560	U	560	910	1200	ug/Kg
100-52-7	Benzaldehyde	1300	U	1300	1900	2300	ug/Kg
62-53-3	Aniline	680	U	680	910	1200	ug/Kg
108-95-2	Phenol	580	U	580	910	1200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	590	U	590	910	1200	ug/Kg
95-57-8	2-Chlorophenol	590	U	590	910	1200	ug/Kg
95-50-1	1,2-Dichlorobenzene	600	U	600	910	1200	ug/Kg
541-73-1	1,3-Dichlorobenzene	610	U	610	910	1200	ug/Kg
106-46-7	1,4-Dichlorobenzene	610	U	610	910	1200	ug/Kg
100-51-6	Benzyl Alcohol	580	U	580	1900	2300	ug/Kg
95-48-7	2-Methylphenol	570	U	570	910	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	640	U	640	910	1200	ug/Kg
98-86-2	Acetophenone	610	U	610	910	1200	ug/Kg
65794-96-9	3+4-Methylphenols	560	U	560	1900	2300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	280	U	280	560	560	ug/Kg
67-72-1	Hexachloroethane	580	U	580	910	1200	ug/Kg
98-95-3	Nitrobenzene	640	U	640	910	1200	ug/Kg
78-59-1	Isophorone	600	U	600	910	1200	ug/Kg
88-75-5	2-Nitrophenol	670	U	670	910	1200	ug/Kg
105-67-9	2,4-Dimethylphenol	660	U	660	910	1200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	600	U	600	910	1200	ug/Kg
120-83-2	2,4-Dichlorophenol	530	U	530	910	1200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	600	U	600	910	1200	ug/Kg
65-85-0	Benzoic acid	1700	U	1700	1900	2300	ug/Kg
91-20-3	Naphthalene	580	U	580	910	1200	ug/Kg
106-47-8	4-Chloroaniline	580	U	580	910	1200	ug/Kg
87-68-3	Hexachlorobutadiene	590	U	590	910	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	OK-01-051524	SDG No.:	BG051724
Lab Sample ID:	P2498-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061244.D	10	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	610	U	610	1900	2300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	550	U	550	910	1200	ug/Kg
91-57-6	2-Methylnaphthalene	580	U	580	910	1200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	1900	2300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	500	U	500	910	1200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	520	U	520	910	1200	ug/Kg
92-52-4	1,1-Biphenyl	620	U	620	910	1200	ug/Kg
91-58-7	2-Chloronaphthalene	590	U	590	910	1200	ug/Kg
88-74-4	2-Nitroaniline	670	U	670	910	1200	ug/Kg
131-11-3	Dimethylphthalate	580	U	580	910	1200	ug/Kg
208-96-8	Acenaphthylene	610	U	610	910	1200	ug/Kg
606-20-2	2,6-Dinitrotoluene	590	U	590	910	1200	ug/Kg
99-09-2	3-Nitroaniline	630	U	630	910	1200	ug/Kg
83-32-9	Acenaphthene	570	U	570	910	1200	ug/Kg
Total PAH	Total PAH	9310	U	9310	910	19200	ug/Kg
51-28-5	2,4-Dinitrophenol	1700	U	1700	1900	2300	ug/Kg
100-02-7	4-Nitrophenol	820	U	820	1900	2300	ug/Kg
132-64-9	Dibenzofuran	590	U	590	910	1200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	1200	910	2400	ug/Kg
121-14-2	2,4-Dinitrotoluene	610	U	610	910	1200	ug/Kg
84-66-2	Diethylphthalate	560	U	560	910	1200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	600	U	600	910	1200	ug/Kg
86-73-7	Fluorene	600	U	600	910	1200	ug/Kg
100-01-6	4-Nitroaniline	750	U	750	910	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	820	U	820	1900	2300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	570	U	570	910	1200	ug/Kg
103-33-3	Azobenzene	560	U	560	910	1200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	560	U	560	910	1200	ug/Kg
118-74-1	Hexachlorobenzene	600	U	600	910	1200	ug/Kg
1912-24-9	Atrazine	640	U	640	910	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	OK-01-051524	SDG No.:	BG051724
Lab Sample ID:	P2498-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061244.D	10	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	540	U	540	1900	2300	ug/Kg
85-01-8	Phenanthrene	590	U	590	910	1200	ug/Kg
120-12-7	Anthracene	590	U	590	910	1200	ug/Kg
86-74-8	Carbazole	570	U	570	910	1200	ug/Kg
84-74-2	Di-n-butylphthalate	590	U	590	910	1200	ug/Kg
206-44-0	Fluoranthene	580	U	580	910	1200	ug/Kg
92-87-5	Benzidine	1100	U	1100	1900	2300	ug/Kg
129-00-0	Pyrene	580	U	580	910	1200	ug/Kg
85-68-7	Butylbenzylphthalate	680	U	680	910	1200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	690	U	690	1900	2300	ug/Kg
56-55-3	Benzo(a)anthracene	570	U	570	910	1200	ug/Kg
218-01-9	Chrysene	560	U	560	910	1200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	640	U	640	910	1200	ug/Kg
117-84-0	Di-n-octyl phthalate	770	U	770	1900	2300	ug/Kg
205-99-2	Benzo(b)fluoranthene	570	U	570	910	1200	ug/Kg
207-08-9	Benzo(k)fluoranthene	580	U	580	910	1200	ug/Kg
50-32-8	Benzo(a)pyrene	650	U	650	910	1200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	550	U	550	910	1200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	570	U	570	910	1200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	560	U	560	910	1200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	610	U	610	910	1200	ug/Kg
123-91-1	1,4-Dioxane	770	U	770	910	1200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	530	U	530	910	1200	ug/Kg
90-12-0	1-Methylnaphthalene	590	U	590	1200	1200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.27		18-112		59	SPK: -150
13127-88-3	Phenol-d6	74.49		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	55.21		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	51.95		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	OK-01-051524	SDG No.:	BG051724
Lab Sample ID:	P2498-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061244.D	10	5/17/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.39		10-110		42	SPK: -150
1718-51-0	Terphenyl-d14	42.36		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29425	7.93				
1146-65-2	Naphthalene-d8	113082	10.726				
15067-26-2	Acenaphthene-d10	81124	14.557				
1517-22-2	Phenanthrene-d10	182192	17.307				
1719-03-5	Chrysene-d12	180203	21.567				
1520-96-3	Perylene-d12	223669	24.692				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			3.153	

Report of Analysis

Client:			Date Collected:	5/15/2024 12:00:00 AM	
Project:			Date Received:	5/15/2024 12:00:00 AM	
Client Sample ID:	RT3823		SDG No.:	BG051724	
Lab Sample ID:	P2497-03		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	3	
Sample Wt/Vol:	50.01	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061245.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	540	U	540	1700	2000	ug/Kg
110-86-1	Pyridine	490	U	490	800	1100	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2000	ug/Kg
62-53-3	Aniline	600	U	600	800	1100	ug/Kg
108-95-2	Phenol	510	U	510	800	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	520	U	520	800	1100	ug/Kg
95-57-8	2-Chlorophenol	520	U	520	800	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	520	U	520	800	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	530	U	530	800	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	530	U	530	800	1100	ug/Kg
100-51-6	Benzyl Alcohol	510	U	510	1700	2000	ug/Kg
95-48-7	2-Methylphenol	500	U	500	800	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	560	U	560	800	1100	ug/Kg
98-86-2	Acetophenone	540	U	540	800	1100	ug/Kg
65794-96-9	3+4-Methylphenols	490	U	490	1700	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	490	490	ug/Kg
67-72-1	Hexachloroethane	510	U	510	800	1100	ug/Kg
98-95-3	Nitrobenzene	560	U	560	800	1100	ug/Kg
78-59-1	Isophorone	520	U	520	800	1100	ug/Kg
88-75-5	2-Nitrophenol	580	U	580	800	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	580	U	580	800	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	530	U	530	800	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	470	U	470	800	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	530	U	530	800	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2000	ug/Kg
91-20-3	Naphthalene	510	U	510	800	1100	ug/Kg
106-47-8	4-Chloroaniline	510	U	510	800	1100	ug/Kg
87-68-3	Hexachlorobutadiene	520	U	520	800	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT3823	SDG No.:	BG051724
Lab Sample ID:	P2497-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061245.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	540	U	540	1700	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	480	U	480	800	1100	ug/Kg
91-57-6	2-Methylnaphthalene	510	U	510	800	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	960	U	960	1700	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	440	U	440	800	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	460	U	460	800	1100	ug/Kg
92-52-4	1,1-Biphenyl	540	U	540	800	1100	ug/Kg
91-58-7	2-Chloronaphthalene	520	U	520	800	1100	ug/Kg
88-74-4	2-Nitroaniline	590	U	590	800	1100	ug/Kg
131-11-3	Dimethylphthalate	510	U	510	800	1100	ug/Kg
208-96-8	Acenaphthylene	530	U	530	800	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	510	U	510	800	1100	ug/Kg
99-09-2	3-Nitroaniline	550	U	550	800	1100	ug/Kg
83-32-9	Acenaphthene	500	U	500	800	1100	ug/Kg
Total PAH	Total PAH	8190	U	8190	800	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2000	ug/Kg
100-02-7	4-Nitrophenol	720	U	720	1700	2000	ug/Kg
132-64-9	Dibenzofuran	520	U	520	800	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1040	U	1040	800	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	530	U	530	800	1100	ug/Kg
84-66-2	Diethylphthalate	500	U	500	800	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	530	U	530	800	1100	ug/Kg
86-73-7	Fluorene	530	U	530	800	1100	ug/Kg
100-01-6	4-Nitroaniline	660	U	660	800	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	720	U	720	1700	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	500	U	500	800	1100	ug/Kg
103-33-3	Azobenzene	490	U	490	800	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	490	U	490	800	1100	ug/Kg
118-74-1	Hexachlorobenzene	530	U	530	800	1100	ug/Kg
1912-24-9	Atrazine	570	U	570	800	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT3823	SDG No.:	BG051724
Lab Sample ID:	P2497-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061245.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	480	U	480	1700	2000	ug/Kg
85-01-8	Phenanthrene	520	U	520	800	1100	ug/Kg
120-12-7	Anthracene	520	U	520	800	1100	ug/Kg
86-74-8	Carbazole	500	U	500	800	1100	ug/Kg
84-74-2	Di-n-butylphthalate	520	U	520	800	1100	ug/Kg
206-44-0	Fluoranthene	510	U	510	800	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2000	ug/Kg
129-00-0	Pyrene	510	U	510	800	1100	ug/Kg
85-68-7	Butylbenzylphthalate	600	U	600	800	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	610	U	610	1700	2000	ug/Kg
56-55-3	Benzo(a)anthracene	500	U	500	800	1100	ug/Kg
218-01-9	Chrysene	490	U	490	800	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	800	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	680	U	680	1700	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	U	500	800	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	510	U	510	800	1100	ug/Kg
50-32-8	Benzo(a)pyrene	580	U	580	800	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	480	U	480	800	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	500	U	500	800	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	500	U	500	800	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	540	U	540	800	1100	ug/Kg
123-91-1	1,4-Dioxane	680	U	680	800	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	460	U	460	800	1100	ug/Kg
90-12-0	1-Methylnaphthalene	510	U	510	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.86		18-112		58	SPK: -150
13127-88-3	Phenol-d6	80		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	52.66		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	56.95		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT3823	SDG No.:	BG051724
Lab Sample ID:	P2497-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061245.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	57.44		10-110		38	SPK: -150
1718-51-0	Terphenyl-d14	52.47		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31541	7.929				
1146-65-2	Naphthalene-d8	118503	10.726				
15067-26-2	Acenaphthene-d10	84854	14.556				
1517-22-2	Phenanthrene-d10	179768	17.306				
1719-03-5	Chrysene-d12	180472	21.566				
1520-96-3	Perylene-d12	207751	24.697				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.158	
	unknown14.756	830	J			14.756	
	unknown14.774	1100	J			14.774	

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280646	SDG No.:	BG051724
Lab Sample ID:	P2497-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.5
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
BG061246.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	530	U	530	1600	2000	ug/Kg
110-86-1	Pyridine	490	U	490	790	1000	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1600	2000	ug/Kg
62-53-3	Aniline	590	U	590	790	1000	ug/Kg
108-95-2	Phenol	500	U	500	790	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	510	U	510	790	1000	ug/Kg
95-57-8	2-Chlorophenol	510	U	510	790	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	510	U	510	790	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	520	U	520	790	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	530	U	530	790	1000	ug/Kg
100-51-6	Benzyl Alcohol	510	U	510	1600	2000	ug/Kg
95-48-7	2-Methylphenol	490	U	490	790	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	550	U	550	790	1000	ug/Kg
98-86-2	Acetophenone	530	U	530	790	1000	ug/Kg
65794-96-9	3+4-Methylphenols	490	U	490	1600	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	490	490	ug/Kg
67-72-1	Hexachloroethane	510	U	510	790	1000	ug/Kg
98-95-3	Nitrobenzene	550	U	550	790	1000	ug/Kg
78-59-1	Isophorone	510	U	510	790	1000	ug/Kg
88-75-5	2-Nitrophenol	580	U	580	790	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	570	U	570	790	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	520	U	520	790	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	460	U	460	790	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	520	U	520	790	1000	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1600	2000	ug/Kg
91-20-3	Naphthalene	500	U	500	790	1000	ug/Kg
106-47-8	4-Chloroaniline	500	U	500	790	1000	ug/Kg
87-68-3	Hexachlorobutadiene	510	U	510	790	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280646	SDG No.:	BG051724
Lab Sample ID:	P2497-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.5
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
BG061246.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	530	U	530	1600	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	470	U	470	790	1000	ug/Kg
91-57-6	2-Methylnaphthalene	500	U	500	790	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	950	U	950	1600	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	430	U	430	790	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	450	U	450	790	1000	ug/Kg
92-52-4	1,1-Biphenyl	530	U	530	790	1000	ug/Kg
91-58-7	2-Chloronaphthalene	510	U	510	790	1000	ug/Kg
88-74-4	2-Nitroaniline	580	U	580	790	1000	ug/Kg
131-11-3	Dimethylphthalate	500	U	500	790	1000	ug/Kg
208-96-8	Acenaphthylene	530	U	530	790	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	510	U	510	790	1000	ug/Kg
99-09-2	3-Nitroaniline	540	U	540	790	1000	ug/Kg
83-32-9	Acenaphthene	490	U	490	790	1000	ug/Kg
Total PAH	Total PAH	8060	U	8060	790	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1600	2000	ug/Kg
100-02-7	4-Nitrophenol	710	U	710	1600	2000	ug/Kg
132-64-9	Dibenzofuran	510	U	510	790	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1030	U	1030	790	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	520	U	520	790	1000	ug/Kg
84-66-2	Diethylphthalate	490	U	490	790	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	520	U	520	790	1000	ug/Kg
86-73-7	Fluorene	520	U	520	790	1000	ug/Kg
100-01-6	4-Nitroaniline	650	U	650	790	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	710	U	710	1600	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	500	U	500	790	1000	ug/Kg
103-33-3	Azobenzene	480	U	480	790	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	480	U	480	790	1000	ug/Kg
118-74-1	Hexachlorobenzene	520	U	520	790	1000	ug/Kg
1912-24-9	Atrazine	560	U	560	790	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280646	SDG No.:	BG051724
Lab Sample ID:	P2497-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.5
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
BG061246.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	470	U	470	1600	2000	ug/Kg
85-01-8	Phenanthrene	510	U	510	790	1000	ug/Kg
120-12-7	Anthracene	510	U	510	790	1000	ug/Kg
86-74-8	Carbazole	490	U	490	790	1000	ug/Kg
84-74-2	Di-n-butylphthalate	510	U	510	790	1000	ug/Kg
206-44-0	Fluoranthene	500	U	500	790	1000	ug/Kg
92-87-5	Benzidine	990	U	990	1600	2000	ug/Kg
129-00-0	Pyrene	510	U	510	790	1000	ug/Kg
85-68-7	Butylbenzylphthalate	590	U	590	790	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	600	U	600	1600	2000	ug/Kg
56-55-3	Benzo(a)anthracene	490	U	490	790	1000	ug/Kg
218-01-9	Chrysene	480	U	480	790	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550	U	550	790	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	670	U	670	1600	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	490	U	490	790	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	500	U	500	790	1000	ug/Kg
50-32-8	Benzo(a)pyrene	570	U	570	790	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	480	U	480	790	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	490	U	490	790	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	490	U	490	790	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	530	U	530	790	1000	ug/Kg
123-91-1	1,4-Dioxane	670	U	670	790	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	450	U	450	790	1000	ug/Kg
90-12-0	1-Methylnaphthalene	510	U	510	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.09		18-112		54	SPK: -150
13127-88-3	Phenol-d6	75.17		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	52.72		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	56.88		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	280646	SDG No.:	BG051724
Lab Sample ID:	P2497-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.5
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
BG061246.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	57.27		10-110		38	SPK: -150
1718-51-0	Terphenyl-d14	52.07		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30330	7.935				
1146-65-2	Naphthalene-d8	115211	10.726				
15067-26-2	Acenaphthene-d10	80617	14.557				
1517-22-2	Phenanthrene-d10	182888	17.306				
1719-03-5	Chrysene-d12	178508	21.566				
1520-96-3	Perylene-d12	211428	24.698				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.158	1100	J			3.158	

Report of Analysis

Client:				Date Collected:	5/15/2024 12:00:00 AM		
Project:				Date Received:	5/15/2024 12:00:00 AM		
Client Sample ID:	RT3997			SDG No.:	BG051724		
Lab Sample ID:	P2497-05			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.3		
Sample Wt/Vol:	50.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061247.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	560	U	560	1700	2100	ug/Kg
110-86-1	Pyridine	520	U	520	840	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1700	2100	ug/Kg
62-53-3	Aniline	630	U	630	840	1100	ug/Kg
108-95-2	Phenol	540	U	540	840	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	540	U	540	840	1100	ug/Kg
95-57-8	2-Chlorophenol	540	U	540	840	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	550	U	550	840	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	560	U	560	840	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	560	U	560	840	1100	ug/Kg
100-51-6	Benzyl Alcohol	540	U	540	1700	2100	ug/Kg
95-48-7	2-Methylphenol	520	U	520	840	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	590	U	590	840	1100	ug/Kg
98-86-2	Acetophenone	560	U	560	840	1100	ug/Kg
65794-96-9	3+4-Methylphenols	520	U	520	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	520	520	ug/Kg
67-72-1	Hexachloroethane	540	U	540	840	1100	ug/Kg
98-95-3	Nitrobenzene	590	U	590	840	1100	ug/Kg
78-59-1	Isophorone	550	U	550	840	1100	ug/Kg
88-75-5	2-Nitrophenol	610	U	610	840	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	600	U	600	840	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	550	U	550	840	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	840	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	550	U	550	840	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	530	U	530	840	1100	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	840	1100	ug/Kg
87-68-3	Hexachlorobutadiene	540	U	540	840	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT3997	SDG No.:	BG051724
Lab Sample ID:	P2497-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061247.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	560	U	560	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	500	U	500	840	1100	ug/Kg
91-57-6	2-Methylnaphthalene	530	U	530	840	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	460	U	460	840	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	840	1100	ug/Kg
92-52-4	1,1-Biphenyl	570	U	570	840	1100	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	840	1100	ug/Kg
88-74-4	2-Nitroaniline	610	U	610	840	1100	ug/Kg
131-11-3	Dimethylphthalate	530	U	530	840	1100	ug/Kg
208-96-8	Acenaphthylene	560	U	560	840	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	540	U	540	840	1100	ug/Kg
99-09-2	3-Nitroaniline	580	U	580	840	1100	ug/Kg
83-32-9	Acenaphthene	520	U	520	840	1100	ug/Kg
Total PAH	Total PAH	8560	U	8560	840	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	750	U	750	1700	2100	ug/Kg
132-64-9	Dibenzofuran	550	U	550	840	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	560	U	560	840	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100	U	1100	840	2200	ug/Kg
84-66-2	Diethylphthalate	520	U	520	840	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	550	U	550	840	1100	ug/Kg
86-73-7	Fluorene	550	U	550	840	1100	ug/Kg
100-01-6	4-Nitroaniline	690	U	690	840	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	760	U	760	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	530	U	530	840	1100	ug/Kg
103-33-3	Azobenzene	510	U	510	840	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	510	U	510	840	1100	ug/Kg
118-74-1	Hexachlorobenzene	550	U	550	840	1100	ug/Kg
1912-24-9	Atrazine	590	U	590	840	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT3997	SDG No.:	BG051724
Lab Sample ID:	P2497-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061247.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	500	U	500	1700	2100	ug/Kg
85-01-8	Phenanthrene	540	U	540	840	1100	ug/Kg
120-12-7	Anthracene	550	U	550	840	1100	ug/Kg
86-74-8	Carbazole	520	U	520	840	1100	ug/Kg
84-74-2	Di-n-butylphthalate	550	U	550	840	1100	ug/Kg
206-44-0	Fluoranthene	530	U	530	840	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1700	2100	ug/Kg
129-00-0	Pyrene	540	U	540	840	1100	ug/Kg
85-68-7	Butylbenzylphthalate	630	U	630	840	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	640	U	640	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	520	U	520	840	1100	ug/Kg
218-01-9	Chrysene	510	U	510	840	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	590	U	590	840	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	710	U	710	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	U	520	840	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	530	U	530	840	1100	ug/Kg
50-32-8	Benzo(a)pyrene	600	U	600	840	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510	U	510	840	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	530	U	530	840	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	520	U	520	840	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	560	U	560	840	1100	ug/Kg
123-91-1	1,4-Dioxane	710	U	710	840	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	840	1100	ug/Kg
90-12-0	1-Methylnaphthalene	540	U	540	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.33		18-112		49	SPK: -150
13127-88-3	Phenol-d6	63.46		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	44.68		18-107		45	SPK: -100
321-60-8	2-Fluorobiphenyl	47.94		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	RT3997	SDG No.:	BG051724
Lab Sample ID:	P2497-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061247.D	10	5/16/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	48.8		10-110		33	SPK: -150
1718-51-0	Terphenyl-d14	42.89		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30038	7.93				
1146-65-2	Naphthalene-d8	114534	10.726				
15067-26-2	Acenaphthene-d10	81978	14.557				
1517-22-2	Phenanthrene-d10	178756	17.307				
1719-03-5	Chrysene-d12	179417	21.567				
1520-96-3	Perylene-d12	199830	24.698				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.153	

Hit Summary Sheet SW-846

SDG No.: BG051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-01-229								
P2482-01	B-01-229	Solid	11H-Benzo[b]fluorene	*	650.000	J		
P2482-01	B-01-229	Solid	4H-Cyclopenta[def]phenanthrene	*	1,400.000	J		
P2482-01	B-01-229	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	410.000	J		
P2482-01	B-01-229	Solid	Anthracene, 2-methyl-	*	600.000	J		
P2482-01	B-01-229	Solid	Benzo[j]fluoranthene	*	2,400.000	J		
P2482-01	B-01-229	Solid	Butane, 2-methoxy-2-methyl-	*	2,300.000	J		
P2482-01	B-01-229	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	430.000	J		
P2482-01	B-01-229	Solid	Fluoranthene, 2-methyl-	*	620.000	J		
P2482-01	B-01-229	Solid	Phenanthrene, 1-methyl-	*	820.000	J		
P2482-01	B-01-229	Solid	Phenanthrene, 2-methyl-	*	390.000	J		
Total Tics :					10,020.00			
P2482-01	B-01-229	Solid	Acenaphthene		2,400.000	470	980	ug/Kg
P2482-01	B-01-229	Solid	Anthracene		2,400.000	490	980	ug/Kg
P2482-01	B-01-229	Solid	Benzo(a)anthracene		4,100.000	470	980	ug/Kg
P2482-01	B-01-229	Solid	Benzo(a)pyrene		3,700.000	540	980	ug/Kg
P2482-01	B-01-229	Solid	Benzo(b)fluoranthene		4,300.000	470	980	ug/Kg
P2482-01	B-01-229	Solid	Benzo(g,h,i)perylene		1,800.000	460	980	ug/Kg
P2482-01	B-01-229	Solid	Benzo(k)fluoranthene		1,500.000	480	980	ug/Kg
P2482-01	B-01-229	Solid	Carbazole		1,200.000	460	980	ug/Kg
P2482-01	B-01-229	Solid	Chrysene		3,700.000	460	980	ug/Kg
P2482-01	B-01-229	Solid	Dibenzofuran		760.000	J 490	980	ug/Kg
P2482-01	B-01-229	Solid	Fluoranthene		8,200.000	470	980	ug/Kg
P2482-01	B-01-229	Solid	Fluorene		1,300.000	490	980	ug/Kg
P2482-01	B-01-229	Solid	Indeno(1,2,3-cd)pyrene		1,500.000	450	980	ug/Kg
P2482-01	B-01-229	Solid	Naphthalene		1,600.000	480	980	ug/Kg
P2482-01	B-01-229	Solid	Phenanthrene		8,400.000	480	980	ug/Kg
P2482-01	B-01-229	Solid	Pyrene		6,800.000	480	980	ug/Kg
P2482-01	B-01-229	Solid	Total PAH		51,700.000	7660	15680	ug/Kg
Total Svoc :					105,360.00			
Total Concentration:					115,380.00			
Client ID : SW-01-229								
P2482-02	SW-01-229	Solid	11H-Benzo[a]fluorene	*	560.000	J		
P2482-02	SW-01-229	Solid	11H-Benzo[b]fluorene	*	500.000	J		
P2482-02	SW-01-229	Solid	1H-Cyclopropa[l]phenanthrene, 1a	*	440.000	J		
P2482-02	SW-01-229	Solid	4H-Cyclopenta[def]phenanthrene	*	1,000.000	J		
P2482-02	SW-01-229	Solid	Benzo[e]pyrene	*	1,800.000	J		
P2482-02	SW-01-229	Solid	Butane, 2-methoxy-2-methyl-	*	2,300.000	J		

Hit Summary Sheet SW-846

SDG No.: BG051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2482-02	SW-01-229	Solid	Phenanthrene, 1-methyl-	*	610.000	J		
Total Tics :					7,210.00			
P2482-02	SW-01-229	Solid	Acenaphthene	1,400.000		460	960	ug/Kg
P2482-02	SW-01-229	Solid	Anthracene	1,500.000		480	960	ug/Kg
P2482-02	SW-01-229	Solid	Benzo(a)anthracene	3,100.000		460	960	ug/Kg
P2482-02	SW-01-229	Solid	Benzo(a)pyrene	2,700.000		530	960	ug/Kg
P2482-02	SW-01-229	Solid	Benzo(b)fluoranthene	3,200.000		460	960	ug/Kg
P2482-02	SW-01-229	Solid	Benzo(g,h,i)perylene	1,300.000		450	960	ug/Kg
P2482-02	SW-01-229	Solid	Benzo(k)fluoranthene	1,200.000		470	960	ug/Kg
P2482-02	SW-01-229	Solid	Carbazole	760.000	J	450	960	ug/Kg
P2482-02	SW-01-229	Solid	Chrysene	2,900.000		450	960	ug/Kg
P2482-02	SW-01-229	Solid	Fluoranthene	6,200.000		460	960	ug/Kg
P2482-02	SW-01-229	Solid	Fluorene	740.000	J	480	960	ug/Kg
P2482-02	SW-01-229	Solid	Indeno(1,2,3-cd)pyrene	1,200.000		440	960	ug/Kg
P2482-02	SW-01-229	Solid	Naphthalene	780.000	J	470	960	ug/Kg
P2482-02	SW-01-229	Solid	Phenanthrene	5,800.000		470	960	ug/Kg
P2482-02	SW-01-229	Solid	Pyrene	5,300.000		470	960	ug/Kg
P2482-02	SW-01-229	Solid	Total PAH	37,320.000		7500	15360	ug/Kg
Total Svoc :					75,400.00			
Total Concentration:					82,610.00			

Client ID : SW-03-229

P2482-04	SW-03-229	Solid	11H-Benzo[a]fluoren-11-one	*	81.600	J		
P2482-04	SW-03-229	Solid	2-Amino-oxazole	*	84.700	J		
P2482-04	SW-03-229	Solid	4H-Cyclopenta[def]phenanthrene	*	320.000	J		
P2482-04	SW-03-229	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	120.000	J		
P2482-04	SW-03-229	Solid	9,10-Anthracenedione	*	120.000	J		
P2482-04	SW-03-229	Solid	9,10-Dimethylanthracene	*	83.500	J		
P2482-04	SW-03-229	Solid	Anthracene, 1-methyl-	*	240.000	J		
P2482-04	SW-03-229	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	84.700	J		
P2482-04	SW-03-229	Solid	Benzo[e]pyrene	*	580.000	J		
P2482-04	SW-03-229	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P2482-04	SW-03-229	Solid	Cyclopenta(def)phenanthrenone	*	99.600	J		
P2482-04	SW-03-229	Solid	Naphtho[1,2-b]norbornadiene	*	93.500	J		
P2482-04	SW-03-229	Solid	Phenanthrene, 1-methyl-	*	230.000	J		
P2482-04	SW-03-229	Solid	Phenanthrene, 2-methyl-	*	86.600	J		
P2482-04	SW-03-229	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2482-04	SW-03-229	Solid	unknown14.768	*	80.100	J		
P2482-04	SW-03-229	Solid	unknown3.669	*	200.000	J		
Total Tics :					4,514.30			
P2482-04	SW-03-229	Solid	Acenaphthene	170.000	J	93.2	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2482-04	SW-03-229	Solid	Anthracene	310.000		97	200	ug/Kg
P2482-04	SW-03-229	Solid	Benzo(a)anthracene	880.000		92.7	200	ug/Kg
P2482-04	SW-03-229	Solid	Benzo(a)pyrene	810.000		110	200	ug/Kg
P2482-04	SW-03-229	Solid	Benzo(b)fluoranthene	970.000		93.2	200	ug/Kg
P2482-04	SW-03-229	Solid	Benzo(g,h,i)perylene	470.000		92.1	200	ug/Kg
P2482-04	SW-03-229	Solid	Benzo(k)fluoranthene	330.000		94.9	200	ug/Kg
P2482-04	SW-03-229	Solid	Carbazole	130.000	J	92.3	200	ug/Kg
P2482-04	SW-03-229	Solid	Chrysene	840.000		91.4	200	ug/Kg
P2482-04	SW-03-229	Solid	Dibenzo(a,h)anthracene	130.000	J	93.3	200	ug/Kg
P2482-04	SW-03-229	Solid	Fluoranthene	1,700.000		93.9	200	ug/Kg
P2482-04	SW-03-229	Solid	Fluorene	120.000	J	98.3	200	ug/Kg
P2482-04	SW-03-229	Solid	Indeno(1,2,3-cd)pyrene	390.000		89.8	200	ug/Kg
P2482-04	SW-03-229	Solid	Phenanthrene	1,400.000		96.5	200	ug/Kg
P2482-04	SW-03-229	Solid	Pyrene	1,500.000		95.4	200	ug/Kg
P2482-04	SW-03-229	Solid	Total PAH	10,020.000		1526	3200	ug/Kg

Total Svoc :

20,170.00

Total Concentration:

24,684.30

Client ID : P-01-229

P2482-07	P-01-229	Solid	11H-Benzo[b]fluorene	*	89.000	J		
P2482-07	P-01-229	Solid	2-Hexanol, (R)-	*	100.000	J		
P2482-07	P-01-229	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P2482-07	P-01-229	Solid	9,10-Anthracenedione	*	79.100	J		
P2482-07	P-01-229	Solid	Anthracene, 9-methyl-	*	110.000	J		
P2482-07	P-01-229	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	82.100	J		
P2482-07	P-01-229	Solid	Benzo[e]pyrene	*	400.000	J		
P2482-07	P-01-229	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P2482-07	P-01-229	Solid	Phenanthrene, 1-methyl-	*	97.300	J		
P2482-07	P-01-229	Solid	Phenanthrene, 3,6-dimethyl-	*	84.800	J		
P2482-07	P-01-229	Solid	unknown21.244	*	130.000	J		

Total Tics :

3,032.30

P2482-07	P-01-229	Solid	Anthracene		150.000	J	96.3	190	ug/Kg
P2482-07	P-01-229	Solid	Benzo(a)anthracene		560.000		92	190	ug/Kg
P2482-07	P-01-229	Solid	Benzo(a)pyrene		550.000		110	190	ug/Kg
P2482-07	P-01-229	Solid	Benzo(b)fluoranthene		650.000		92.5	190	ug/Kg
P2482-07	P-01-229	Solid	Benzo(g,h,i)perylene		330.000		91.3	190	ug/Kg
P2482-07	P-01-229	Solid	Benzo(k)fluoranthene		240.000		94.2	190	ug/Kg
P2482-07	P-01-229	Solid	Chrysene		560.000		90.7	190	ug/Kg
P2482-07	P-01-229	Solid	Fluoranthene		1,000.000		93.2	190	ug/Kg
P2482-07	P-01-229	Solid	Indeno(1,2,3-cd)pyrene		280.000		89.1	190	ug/Kg
P2482-07	P-01-229	Solid	Phenanthrene		660.000		95.8	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2482-07	P-01-229	Solid	Pyrene	900.000		94.7	190	ug/Kg
P2482-07	P-01-229	Solid	Total PAH	5,880.000		1515.2	3040	ug/Kg
Total Svoc :				11,760.00				
Total Concentration:				14,792.30				

Client ID : WCS-TPL

P2486-05	WCS-TPL	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P2486-05	WCS-TPL	Solid	1H-Indene, 2-phenyl-	*	140.000	J		
P2486-05	WCS-TPL	Solid	4H-Cyclopenta[def]phenanthrene	*	380.000	J		
P2486-05	WCS-TPL	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	140.000	J		
P2486-05	WCS-TPL	Solid	9,10-Anthracenedione	*	100.000	J		
P2486-05	WCS-TPL	Solid	9-Octadecenamide, (Z)-	*	110.000	J		
P2486-05	WCS-TPL	Solid	Anthracene, 1-methyl-	*	120.000	J		
P2486-05	WCS-TPL	Solid	Benzene, 5-heptene-1,3-diyn-1-yl-	*	100.000	J		
P2486-05	WCS-TPL	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	120.000	J		
P2486-05	WCS-TPL	Solid	Benzo[e]pyrene	*	900.000	J		
P2486-05	WCS-TPL	Solid	Butane, 2-methoxy-2-methyl-	*	980.000	J		
P2486-05	WCS-TPL	Solid	Chrysene, 3-methyl-	*	97.000	J		
P2486-05	WCS-TPL	Solid	Cyclopenta(def)phenanthrenone	*	190.000	J		
P2486-05	WCS-TPL	Solid	Cyclopenta[cd]pyrene	*	120.000	J		
P2486-05	WCS-TPL	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P2486-05	WCS-TPL	Solid	Phenanthrene, 1-methyl-	*	280.000	J		
P2486-05	WCS-TPL	Solid	Phenanthrene, 2,5-dimethyl-	*	250.000	J		
P2486-05	WCS-TPL	Solid	Phenanthrene, 2-methyl-	*	190.000	J		
P2486-05	WCS-TPL	Solid	Pyrene, 1-methyl-	*	130.000	J		
P2486-05	WCS-TPL	Solid	unknown19.163	*	140.000	J		
Total Tics :				4,727.00				
P2486-05	WCS-TPL	Solid	Anthracene		280.000	110	220	ug/Kg
P2486-05	WCS-TPL	Solid	Benzo(a)anthracene		1,200.000	110	220	ug/Kg
P2486-05	WCS-TPL	Solid	Benzo(a)pyrene		1,200.000	120	220	ug/Kg
P2486-05	WCS-TPL	Solid	Benzo(b)fluoranthene		1,500.000	110	220	ug/Kg
P2486-05	WCS-TPL	Solid	Benzo(g,h,i)perylene		810.000	110	220	ug/Kg
P2486-05	WCS-TPL	Solid	Benzo(k)fluoranthene		460.000	110	220	ug/Kg
P2486-05	WCS-TPL	Solid	Chrysene		1,100.000	110	220	ug/Kg
P2486-05	WCS-TPL	Solid	Dibenzo(a,h)anthracene		200.000	J 110	220	ug/Kg
P2486-05	WCS-TPL	Solid	Fluoranthene		1,900.000	110	220	ug/Kg
P2486-05	WCS-TPL	Solid	Indeno(1,2,3-cd)pyrene		650.000	100	220	ug/Kg
P2486-05	WCS-TPL	Solid	Phenanthrene		1,100.000	110	220	ug/Kg
P2486-05	WCS-TPL	Solid	Pyrene		1,900.000	110	220	ug/Kg
P2486-05	WCS-TPL	Solid	Total PAH		12,300.000	1760	3520	ug/Kg
Total Svoc :				24,600.00				

Hit Summary Sheet SW-846

SDG No.: BG051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				29,327.00				
Client ID :	WC-A-COMP							
P2487-01	WC-A-COMP	Solid	11H-Benzo[b]fluorene	*	78.000	J		
P2487-01	WC-A-COMP	Solid	4-Bromothiophene-2-aldehyde	*	140.000	J		
P2487-01	WC-A-COMP	Solid	Anthracene, 1-methyl-	*	110.000	J		
P2487-01	WC-A-COMP	Solid	Benzo[e]pyrene	*	220.000	J		
P2487-01	WC-A-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	510.000	J		
P2487-01	WC-A-COMP	Solid	Phenanthrene, 2-methyl-	*	84.400	J		
Total Tics :				1,142.40				
P2487-01	WC-A-COMP	Solid	Benzo(a)anthracene		350.000	J	91.2	190 ug/Kg
P2487-01	WC-A-COMP	Solid	Benzo(a)pyrene		340.000	J	110	190 ug/Kg
P2487-01	WC-A-COMP	Solid	Benzo(b)fluoranthene		390.000	J	91.7	190 ug/Kg
P2487-01	WC-A-COMP	Solid	Benzo(g,h,i)perylene		220.000	J	90.5	190 ug/Kg
P2487-01	WC-A-COMP	Solid	Benzo(k)fluoranthene		140.000	J	93.4	190 ug/Kg
P2487-01	WC-A-COMP	Solid	Chrysene		360.000	J	89.9	190 ug/Kg
P2487-01	WC-A-COMP	Solid	Fluoranthene		670.000	J	92.3	190 ug/Kg
P2487-01	WC-A-COMP	Solid	Indeno(1,2,3-cd)pyrene		180.000	J	88.3	190 ug/Kg
P2487-01	WC-A-COMP	Solid	Phenanthrene		470.000	J	94.9	190 ug/Kg
P2487-01	WC-A-COMP	Solid	Pyrene		650.000	J	93.8	190 ug/Kg
Total Svoc :				3,770.00				
Total Concentration:				4,912.40				
Client ID :	RT-3463							
P2495-01	RT-3463	Solid	1-Hexadecanethiol	*	53.900	J		
P2495-01	RT-3463	Solid	Benzo[e]pyrene	*	80.500	J		
P2495-01	RT-3463	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2495-01	RT-3463	Solid	Pentane, 2-cyclopropyl-	*	58.200	J		
P2495-01	RT-3463	Solid	unknown3.675	*	58.900	J		
Total Tics :				1,351.50				
P2495-01	RT-3463	Solid	Benzo(a)anthracene		100.000	J	52.4	110 ug/Kg
P2495-01	RT-3463	Solid	Benzo(a)pyrene		110.000	J	60.4	110 ug/Kg
P2495-01	RT-3463	Solid	Benzo(b)fluoranthene		130.000	J	52.7	110 ug/Kg
P2495-01	RT-3463	Solid	Benzo(g,h,i)perylene		65.900	J	52	110 ug/Kg
P2495-01	RT-3463	Solid	Benzo(k)fluoranthene		60.000	J	53.6	110 ug/Kg
P2495-01	RT-3463	Solid	Chrysene		140.000	J	51.6	110 ug/Kg
P2495-01	RT-3463	Solid	Fluoranthene		200.000	J	53	110 ug/Kg
P2495-01	RT-3463	Solid	Phenanthrene		90.600	J	54.5	110 ug/Kg
P2495-01	RT-3463	Solid	Pyrene		200.000	J	53.9	110 ug/Kg
Total Svoc :				1,096.50				
Total Concentration:				2,448.00				

Hit Summary Sheet SW-846

SDG No.: BG051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : CHRT-28452								
P2496-03	CHRT-28452	Solid	1-Pentene, 2-methyl-	*	380.000	J		
P2496-03	CHRT-28452	Solid	2-Pentanone, 4-cyclohexylidene-3	*	110.000	J		
P2496-03	CHRT-28452	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P2496-03	CHRT-28452	Solid	Hexadecane, 2,6,10,14-tetramethy	*	1,100.000	J		
P2496-03	CHRT-28452	Solid	Naphthalene, 1,2,3,4-tetrahydro-1	*	210.000	J		
P2496-03	CHRT-28452	Solid	Oxalic acid, allyl pentadecyl este	*	330.000	J		
P2496-03	CHRT-28452	Solid	Pentadecane, 2,6,10-trimethyl-	*	960.000	J		
P2496-03	CHRT-28452	Solid	unknown13.838	*	120.000	J		
P2496-03	CHRT-28452	Solid	unknown14.096	*	190.000	J		
P2496-03	CHRT-28452	Solid	unknown14.308	*	180.000	J		
P2496-03	CHRT-28452	Solid	unknown14.396	*	580.000	J		
Total Tics :					5,460.00			
P2496-03	CHRT-28452	Solid	Anthracene		180.000	J	140	ug/Kg
P2496-03	CHRT-28452	Solid	Benzo(a)anthracene		1,100.000		130	ug/Kg
P2496-03	CHRT-28452	Solid	Benzo(a)pyrene		1,100.000		150	ug/Kg
P2496-03	CHRT-28452	Solid	Benzo(b)fluoranthene		1,500.000		130	ug/Kg
P2496-03	CHRT-28452	Solid	Benzo(g,h,i)perylene		690.000		130	ug/Kg
P2496-03	CHRT-28452	Solid	Benzo(k)fluoranthene		610.000		130	ug/Kg
P2496-03	CHRT-28452	Solid	Chrysene		1,300.000		130	ug/Kg
P2496-03	CHRT-28452	Solid	Dibenzo(a,h)anthracene		170.000	J	130	ug/Kg
P2496-03	CHRT-28452	Solid	Fluoranthene		2,300.000		130	ug/Kg
P2496-03	CHRT-28452	Solid	Indeno(1,2,3-cd)pyrene		600.000		130	ug/Kg
P2496-03	CHRT-28452	Solid	Phenanthrene		1,100.000		140	ug/Kg
P2496-03	CHRT-28452	Solid	Pyrene		2,000.000		130	ug/Kg
Total Svoc :					12,650.00			
Total Concentration:					18,110.00			
Client ID : 280856								
P2497-01	280856	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
Total Tics :					1,200.00			
Total Concentration:					1,200.00			
Client ID : RT3823								
P2497-03	RT3823	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2497-03	RT3823	Solid	unknown14.756	*	830.000	J		
P2497-03	RT3823	Solid	unknown14.774	*	1,100.000	J		
Total Tics :					3,030.00			
Total Concentration:					3,030.00			
Client ID : RT3997								
P2497-05	RT3997	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		

Hit Summary Sheet SW-846

SDG No.: BG051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :			1,300.00		
			Total Concentration:			1,300.00		
Client ID :	280646							
P2497-07	280646	Solid	unknown3.158	*	1,100.000	J		
			Total Tics :			1,100.00		
			Total Concentration:			1,100.00		
Client ID :	OK-01-051524							
P2498-01	OK-01-051524	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
			Total Tics :			1,400.00		
			Total Concentration:			1,400.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG043024 SAS No.: BG043024 SDG No.: BG043024
Instrument ID: _____ Calibration Date(s): 4/30/2024 : _____
Calibration Time(s): 10:51 _____

LAB FILE ID:		RRF2.5 = BG061058.D			RRF005 = BG061059.D		RRF010 = BG061060.D	
		RRF020 = BG061061.D			RRF040 = BG061062.D		RRF050 = BG061063.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		1.074	1.202	1.072	1.152	1.114	1.124	4.0
Pyridine		1.143	1.136	1.111	1.242	1.182	1.170	3.8
2-Fluorophenol		0.992	0.989	0.925	1.023	0.978	0.983	3.0
Benzaldehyde		0.983	0.996	0.908	0.803	0.714	0.820	17.7
Aniline		1.346	1.419	1.530	1.452	1.450	1.442	4.5
Phenol-d6		1.375	1.382	1.540	1.466	1.433	1.455	4.3
Phenol		1.388	1.415	1.569	1.465	1.481	1.479	4.3
bis(2-Chloroethyl)ether		0.972	1.012	1.106	1.007	0.991	1.022	4.2
2-Chlorophenol		1.121	1.211	1.271	1.228	1.178	1.206	3.9
1,2-Dichlorobenzene		1.419	1.393	1.467	1.415	1.386	1.418	1.9
1,3-Dichlorobenzene		1.396	1.425	1.559	1.419	1.379	1.422	4.4
1,4-Dichlorobenzene		1.491	1.467	1.553	1.496	1.411	1.470	3.3
Benzyl Alcohol		1.295	1.158	1.446	1.302	1.282	1.312	6.7
2-Methylphenol		0.958	1.041	1.012	1.095	1.065	1.054	5.2
2,2-oxybis(1-Chloropropane)		2.139	2.208	2.110	2.241	2.221	2.218	3.3
Acetophenone		0.499	0.485	0.525	0.491	0.485	0.498	2.7
3+4-Methylphenols		1.355	1.528	1.476	1.560	1.535	1.521	5.6
n-Nitroso-di-n-propylamine	1.009	1.200	1.057	1.035	1.069	1.104	1.089	5.6
Nitrobenzene-d5		0.410	0.390	0.417	0.388	0.401	0.403	2.9
Hexachloroethane		0.507	0.569	0.469	0.564	0.516	0.525	6.5
Nitrobenzene		0.384	0.377	0.415	0.392	0.392	0.395	3.3
Isophorone		0.791	0.764	0.772	0.705	0.711	0.746	4.3
2-Nitrophenol		0.180	0.189	0.190	0.181	0.184	0.187	2.7
2,4-Dimethylphenol		0.205	0.213	0.226	0.208	0.220	0.216	3.5
bis(2-Chloroethoxy)methane		0.383	0.366	0.381	0.348	0.354	0.366	3.5
2,4-Dichlorophenol		0.333	0.323	0.357	0.328	0.334	0.338	3.6
1,2,4-Trichlorobenzene		0.415	0.390	0.429	0.396	0.396	0.407	3.4
Benzoic acid		0.195	0.224	0.275	0.248	0.263	0.249	11.9
Naphthalene		1.080	1.019	1.090	1.017	0.996	1.039	3.4
4-Chloroaniline		0.400	0.398	0.439	0.404	0.412	0.415	3.7
Hexachlorobutadiene		0.355	0.358	0.360	0.332	0.341	0.349	2.9
Caprolactam		0.134	0.128	0.128	0.112	0.114	0.122	6.8
4-Chloro-3-methylphenol		0.392	0.418	0.426	0.401	0.390	0.407	3.4
2-Methylnaphthalene		0.768	0.797	0.823	0.755	0.749	0.779	3.3
Hexachlorocyclopentadiene		0.203	0.212	0.248	0.285	0.272	0.256	13.8
2,4,6-Trichlorophenol		0.414	0.403	0.431	0.442	0.428	0.429	3.5

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.: BG043024

SAS No.: BG043024

SDG No.: BG043024

Instrument ID: _____

Calibration Date(s): 4/30/2024 : _____

Calibration Time(s): 10:51 _____

LAB FILE ID:		RRF2.5 = BG061058.D			RRF005 = BG061059.D		RRF010 = BG061060.D	
		RRF020 = BG061061.D			RRF040 = BG061062.D		RRF050 = BG061063.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.340	1.312	1.362	1.384	1.332	1.353	1.9
2,4,5-Trichlorophenol		0.452	0.470	0.505	0.500	0.486	0.485	3.9
1,1-Biphenyl		1.306	1.244	1.285	1.306	1.258	1.282	1.9
2-Chloronaphthalene		1.018	0.983	1.048	1.061	1.017	1.027	2.6
2-Nitroaniline		0.380	0.370	0.374	0.389	0.379	0.381	1.9
Dimethylphthalate		1.647	1.534	1.593	1.552	1.492	1.545	3.8
Acenaphthylene		1.571	1.507	1.619	1.620	1.558	1.577	2.5
2,6-Dinitrotoluene		0.354	0.326	0.323	0.338	0.326	0.330	3.5
3-Nitroaniline		0.317	0.305	0.319	0.299	0.289	0.302	3.9
Acenaphthene		0.984	0.937	1.017	1.009	0.971	0.984	2.7
2,4-Dinitrophenol		0.185	0.180	0.203	0.227	0.234	0.213	11.1
4-Nitrophenol		0.261	0.238	0.239	0.255	0.242	0.244	3.9
Dibenzofuran		1.695	1.651	1.684	1.695	1.640	1.662	1.7
2,4-Dinitrotoluene		0.477	0.491	0.513	0.506	0.487	0.489	3.3
Diethylphthalate		1.711	1.561	1.602	1.575	1.487	1.558	5.3
4-Chlorophenyl-phenylether		0.873	0.881	0.886	0.871	0.844	0.863	2.2
Fluorene		1.449	1.426	1.482	1.485	1.397	1.438	2.4
4-Nitroaniline		0.321	0.327	0.347	0.338	0.325	0.328	3.2
4,6-Dinitro-2-methylphenol		0.113	0.112	0.128	0.124	0.129	0.124	6.8
n-Nitrosodiphenylamine		0.489	0.480	0.517	0.484	0.490	0.496	2.8
Azobenzene		1.260	1.217	1.235	1.235	1.167	1.213	2.7
2,4,6-Tribromophenol		0.409	0.395	0.409	0.409	0.391	0.400	2.2
4-Bromophenyl-phenylether		0.219	0.223	0.243	0.234	0.237	0.236	4.7
Hexachlorobenzene		0.297	0.287	0.296	0.284	0.287	0.293	2.5
Atrazine		0.232	0.209	0.211	0.200	0.197	0.205	7.0
Pentachlorophenol		0.155	0.163	0.185	0.185	0.183	0.180	8.6
Phenanthrene		0.937	0.896	0.932	0.913	0.898	0.914	1.7
Anthracene		0.904	0.890	0.952	0.909	0.891	0.913	2.4
Carbazole		0.855	0.832	0.805	0.801	0.772	0.802	4.0
Di-n-butylphthalate		1.022	0.960	0.965	0.965	0.916	0.954	3.9
Fluoranthene		1.360	1.283	1.278	1.238	1.209	1.253	4.7
Benzidine		0.179	0.208	0.349	0.413	0.386	0.328	28.8
Pyrene		1.267	1.237	1.307	1.264	1.264	1.272	1.8
Terphenyl-d14		1.219	1.172	1.264	1.185	1.181	1.203	2.6
Butylbenzylphthalate		0.405	0.379	0.417	0.404	0.397	0.402	3.0
3,3-Dichlorobenzidine		0.482	0.451	0.486	0.472	0.463	0.471	2.5

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.: BG043024 SAS No.: BG043024 SDG No.: BG043024
Instrument ID: _____ Calibration Date(s): 4/30/2024 : _____
Calibration Time(s): 10:51 _____

LAB FILE ID:		RRF2.5 = BG061058.D			RRF005 = BG061059.D		RRF010 = BG061060.D	
		RRF020 = BG061061.D			RRF040 = BG061062.D		RRF050 = BG061063.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.383	1.264	1.336	1.282	1.282	1.309	3.1
Chrysene		1.301	1.204	1.233	1.200	1.196	1.226	3.0
Bis(2-ethylhexyl)phthalate		0.524	0.497	0.529	0.521	0.516	0.526	3.4
Di-n-octyl phthalate		0.929	0.858	0.938	0.933	0.922	0.927	3.8
Benzo(b)fluoranthene		1.164	1.062	1.145	1.081	1.092	1.118	3.5
Benzo(k)fluoranthene		1.160	1.053	1.086	1.062	1.036	1.075	3.7
Benzo(a)pyrene		1.043	0.922	0.988	0.951	0.945	0.974	4.0
Indeno(1,2,3-cd)pyrene		1.380	1.256	1.345	1.298	1.297	1.325	3.2
Dibenzo(a,h)anthracene		1.136	1.051	1.120	1.070	1.070	1.098	3.0
Benzo(g,h,i)perylene		1.110	1.057	1.107	1.076	1.066	1.091	2.2
1,2,4,5-Tetrachlorobenzene		0.680	0.612	0.682	0.681	0.656	0.667	4.1
1,4-Dioxane		0.457	0.464	0.337	0.401	0.367	0.398	11.8
2,3,4,6-Tetrachlorophenol		0.499	0.484	0.518	0.516	0.488	0.499	2.6
1-Methylnaphthalene		0.834	0.773	0.824	0.740	0.750	0.784	4.5

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.: BG051724 SAS No.: BG051724 SDG NO.: BG051724

EPA Sample No.: SSTDICCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BG061062.D Time Analyzed: 11:02

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	19701	7.961	90057	10.76	76062	14.59
	UPPER LIMIT	39402	8.461	180114	11.258	152124	15.089
	LOWER LIMIT	9850.5	7.461	45028.5	10.258	38031	14.089
	EPA SAMPLE NO.						
01	PB160948BL	16045	7.93	64017	10.72	55181	14.56
02	PB160948BS	19221	7.93	82648	10.73	74443	14.56
03	WC-A-COMP	27155	7.93	105688	10.72	83471	14.56
04	SW-03-229	27682	7.93	110529	10.73	85867	14.56
05	P-01-229	27931	7.93	110563	10.72	84549	14.56
06	WCS-TPL	29557	7.93	115746	10.72	85753	14.56
07	CHRT-28452	30239	7.93	113577	10.72	84537	14.57
08	B-01-229	27222	7.93	104968	10.73	78874	14.56
09	SW-01-229	30805	7.93	113586	10.73	83023	14.56
10	RT-3463	29201	7.93	114719	10.73	82610	14.56
11	280856	30693	7.93	116410	10.73	83846	14.56
12	OK-01-051524	29425	7.93	113082	10.73	81124	14.56
13	RT3823	31541	7.93	118503	10.73	84854	14.56
14	280646	30330	7.94	115211	10.73	80617	14.56
15	RT3997	30038	7.93	114534	10.73	81978	14.56

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.: BG051724 SAS No.: BG051724 SDG NO.: BG051724

EPA Sample No.: SSTDCCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BG061232.D Time Analyzed: 11:02

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	20255	7.935	91883	10.73	80281	14.56
	UPPER LIMIT	40510	8.435	183766	11.226	160562	15.063
	LOWER LIMIT	10127.5	7.435	45941.5	10.226	40140.5	14.063
	EPA SAMPLE NO.						
01	PB160948BL	16045	7.93	64017	10.72	55181	14.56
02	PB160948BS	19221	7.93	82648	10.73	74443	14.56
03	WC-A-COMP	27155	7.93	105688	10.72	83471	14.56
04	SW-03-229	27682	7.93	110529	10.73	85867	14.56
05	P-01-229	27931	7.93	110563	10.72	84549	14.56
06	WCS-TPL	29557	7.93	115746	10.72	85753	14.56
07	CHRT-28452	30239	7.93	113577	10.72	84537	14.57
08	B-01-229	27222	7.93	104968	10.73	78874	14.56
09	SW-01-229	30805	7.93	113586	10.73	83023	14.56
10	RT-3463	29201	7.93	114719	10.73	82610	14.56
11	280856	30693	7.93	116410	10.73	83846	14.56
12	OK-01-051524	29425	7.93	113082	10.73	81124	14.56
13	RT3823	31541	7.93	118503	10.73	84854	14.56
14	280646	30330	7.94	115211	10.73	80617	14.56
15	RT3997	30038	7.93	114534	10.73	81978	14.56

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.: BG051724 SAS No.: BG051724 SDG NO.: BG051724

EPA Sample No.: SSTDICCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BG061062.D Time Analyzed: 11:02

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	210074	17.333	211272	21.592	244242	24.73
	UPPER LIMIT	420148	17.833	422544	22.092	488484	25.23
	LOWER LIMIT	105037	16.833	105636	21.092	122121	24.23
	EPA SAMPLE NO.						
01	PB160948BL	160784	17.31	183342	21.57	208058	24.70
02	PB160948BS	196413	17.31	199664	21.57	223881	24.70
03	WC-A-COMP	193516	17.31	189653	21.57	226336	24.70
04	SW-03-229	194403	17.31	190694	21.57	229933	24.69
05	P-01-229	183195	17.31	185718	21.57	228697	24.69
06	WCS-TPL	186530	17.31	184073	21.57	226499	24.69
07	CHRT-28452	173710	17.33	173116	21.59	217607	24.71
08	B-01-229	179750	17.31	179665	21.57	224357	24.70
09	SW-01-229	186096	17.31	183278	21.57	227699	24.69
10	RT-3463	183024	17.31	180725	21.57	224612	24.69
11	280856	181472	17.31	184867	21.57	224177	24.69
12	OK-01-051524	182192	17.31	180203	21.57	223669	24.69
13	RT3823	179768	17.31	180472	21.57	207751	24.70
14	280646	182888	17.31	178508	21.57	211428	24.70
15	RT3997	178756	17.31	179417	21.57	199830	24.70

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG051724 SAS No.: BG051724 SDG NO.: BG051724

EPA Sample No.: SSTDICCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BG061062.D Time Analyzed: 20:39

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	210074	17.333	211272	21.592	244242	24.73
UPPER LIMIT	420148	17.833	422544	22.092	488484	25.23
LOWER LIMIT	105037	16.833	105636	21.092	122121	24.23
EPA SAMPLE NO.						

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.: BG051724 SAS No.: BG051724 SDG NO.: BG051724

EPA Sample No.: SSTDCCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BG061232.D Time Analyzed: 11:02

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	201882	17.313	200040	21.572	236009	24.692
	UPPER LIMIT	403764	17.813	400080	22.072	472018	25.192
	LOWER LIMIT	100941	16.813	100020	21.072	118004.5	24.192
	EPA SAMPLE NO.						
01	PB160948BL	160784	17.31	183342	21.57	208058	24.70
02	PB160948BS	196413	17.31	199664	21.57	223881	24.70
03	WC-A-COMP	193516	17.31	189653	21.57	226336	24.70
04	SW-03-229	194403	17.31	190694	21.57	229933	24.69
05	P-01-229	183195	17.31	185718	21.57	228697	24.69
06	WCS-TPL	186530	17.31	184073	21.57	226499	24.69
07	CHRT-28452	173710	17.33	173116	21.59	217607	24.71
08	B-01-229	179750	17.31	179665	21.57	224357	24.70
09	SW-01-229	186096	17.31	183278	21.57	227699	24.69
10	RT-3463	183024	17.31	180725	21.57	224612	24.69
11	280856	181472	17.31	184867	21.57	224177	24.69
12	OK-01-051524	182192	17.31	180203	21.57	223669	24.69
13	RT3823	179768	17.31	180472	21.57	207751	24.70
14	280646	182888	17.31	178508	21.57	211428	24.70
15	RT3997	178756	17.31	179417	21.57	199830	24.70

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG051724 SAS No.: BG051724 SDG NO.: BG051724

EPA Sample No.: SSTDCCC040 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BG061232.D Time Analyzed: 20:39

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	201882	17.313	200040	21.572	236009	24.692
UPPER LIMIT	403764	17.813	400080	22.072	472018	25.192
LOWER LIMIT	100941	16.813	100020	21.072	118004.5	24.192
EPA SAMPLE NO.						

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.: BG051724

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160948BS	n-Nitrosodimethylamine	1700	1200	ug/Kg	71				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700	800	ug/Kg	47				10	147	
	Aniline	1700	1200	ug/Kg	71				38	100	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1700	ug/Kg	100				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1800	ug/Kg	106		*		51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				67	119	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				53	105	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	720	ug/Kg	42				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	2600	ug/Kg	79				45	134	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
3-Nitroaniline	1700	1100	ug/Kg	65				28	100		
Acenaphthene	1700	1400	ug/Kg	82				57	104		
Total PAH		27200	23800	ug/Kg	88				57	104	
2,4-Dinitrophenol		3300	2400	ug/Kg	73				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG051724

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160948BS	4-Nitrophenol	3300	2700	ug/Kg	82				48	119		
	Dibenzofuran	1700	1400	ug/Kg	82				63	99		
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106		
	2,4-Dinitrotoluene/2,6-Dinitro	3400	2900	ug/Kg	85				60	106		
	Diethylphthalate	1700	1400	ug/Kg	82				60	101		
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98		
	Fluorene	1700	1400	ug/Kg	82				61	101		
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103		
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113		
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107		
	Azobenzene	1700	1600	ug/Kg	94				54	103		
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99		
	Hexachlorobenzene	1700	1300	ug/Kg	76				64	98		
	Atrazine	1700	1600	ug/Kg	94				67	113		
	Pentachlorophenol	3300	2200	ug/Kg	67				67	105		
	Phenanthrene	1700	1500	ug/Kg	88				59	103		
	Anthracene	1700	1500	ug/Kg	88				61	105		
	Carbazole	1700	1500	ug/Kg	88				61	99		
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104		
	Fluoranthene	1700	1400	ug/Kg	82				57	107		
	Benzidine	3300	930	ug/Kg	28				10	98		
	Pyrene	1700	1400	ug/Kg	82				59	103		
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103		
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				63	111		
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70	108		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101		
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112		
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101		
	1,4-Dioxane	1700	970	ug/Kg	57				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1300	ug/Kg	76				59	108		
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160948BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG051724

SAS No.: BG051724 SDG NO.: BG051724

Lab File ID: BG061233.D

Lab Sample ID: PB160948BL

Instrument ID: BNA_G

Date Extracted: 05/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/17/2024

Level: (low/med) LOW

Time Analyzed: 11:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160948BS	PB160948BS	BG061234.D	05/17/2024
WC-A-COMP	P2487-01	BG061235.D	05/17/2024
SW-03-229	P2482-04	BG061236.D	05/17/2024
P-01-229	P2482-07	BG061237.D	05/17/2024
WCS-TPL	P2486-05	BG061238.D	05/17/2024
CHRT-28452	P2496-03	BG061239.D	05/17/2024
B-01-229	P2482-01	BG061240.D	05/17/2024
SW-01-229	P2482-02	BG061241.D	05/17/2024
280856	P2497-01	BG061243.D	05/17/2024
RT3823	P2497-03	BG061245.D	05/17/2024
280646	P2497-07	BG061246.D	05/17/2024
RT3997	P2497-05	BG061247.D	05/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

OK-01-051524

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG051724

SAS No.: BG051724 SDG NO.: BG051724

Lab File ID: BG061244.D

Lab Sample ID: P2498-01

Instrument ID: BNA_G

Date Extracted: 05/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/17/2024

Level: (low/med) LOW

Time Analyzed: 18:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OK-01-051524	P2498-01	BG061244.D	05/17/2024
RT-3463	P2495-01	BG061242.D	05/17/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BG051724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2482-01	B-01-229	BG061240.D	2-Fluorophenol	150	99.60	66		18	112
			Phenol-d6	150	92.84	62		15	107
			Nitrobenzene-d5	100	64.90	65		18	107
			2-Fluorobiphenyl	100	60.00	60		20	109
			2,4,6-Tribromophenol	150	69.95	47		10	110
			Terphenyl-d14	100	55.91	56		14	112
P2482-02	SW-01-229	BG061241.D	2-Fluorophenol	150	109.03	73		18	112
			Phenol-d6	150	100.79	67		15	107
			Nitrobenzene-d5	100	73.33	73		18	107
			2-Fluorobiphenyl	100	70.37	70		20	109
			2,4,6-Tribromophenol	150	80.20	53		10	110
			Terphenyl-d14	100	62.88	63		14	112
P2482-04	SW-03-229	BG061236.D	2-Fluorophenol	150	98.49	66		18	112
			Phenol-d6	150	91.90	61		15	107
			Nitrobenzene-d5	100	61.52	62		18	107
			2-Fluorobiphenyl	100	57.50	57		20	109
			2,4,6-Tribromophenol	150	74.71	50		10	110
			Terphenyl-d14	100	53.57	54		14	112
P2482-07	P-01-229	BG061237.D	2-Fluorophenol	150	92.24	61		18	112
			Phenol-d6	150	86.98	58		15	107
			Nitrobenzene-d5	100	57.20	57		18	107
			2-Fluorobiphenyl	100	55.15	55		20	109
			2,4,6-Tribromophenol	150	66.85	45		10	110
			Terphenyl-d14	100	52.82	53		14	112
P2486-05	WCS-TPL	BG061238.D	2-Fluorophenol	150	92.64	62		18	112
			Phenol-d6	150	86.09	57		15	107
			Nitrobenzene-d5	100	57.85	58		18	107
			2-Fluorobiphenyl	100	53.83	54		20	109
			2,4,6-Tribromophenol	150	66.81	45		10	110
			Terphenyl-d14	100	49.15	49		14	112
P2487-01	WC-A-COMP	BG061235.D	2-Fluorophenol	150	29.62	20		18	112
			Phenol-d6	150	26.82	18		15	107
			Nitrobenzene-d5	100	17.17	17	*	18	107
			2-Fluorobiphenyl	100	17.33	17	*	20	109
			2,4,6-Tribromophenol	150	49.21	33		10	110
			Terphenyl-d14	100	44.70	45		14	112
P2496-03	CHRT-28452	BG061239.D	2-Fluorophenol	150	84.53	56		18	112
			Phenol-d6	150	77.09	51		15	107
			Nitrobenzene-d5	100	55.73	56		18	107
			2-Fluorobiphenyl	100	52.21	52		20	109
			2,4,6-Tribromophenol	150	63.51	42		10	110
			Terphenyl-d14	100	47.12	47		14	112
P2497-01	280856	BG061243.D	2-Fluorophenol	150	87.79	59		18	112
			Phenol-d6	150	75.95	51		15	107
			Nitrobenzene-d5	100	56.20	56		18	107
			2-Fluorobiphenyl	100	57.14	57		20	109
			2,4,6-Tribromophenol	150	58.12	39		10	110
			Terphenyl-d14	100	51.09	51		14	112
P2497-03	RT3823	BG061245.D	2-Fluorophenol	150	86.86	58		18	112

Surrogate Summary

SW-846

SDG No.: **BG051724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2497-03	RT3823	BG061245.D	Phenol-d6	150	80.00	53		15	107
			Nitrobenzene-d5	100	52.66	53		18	107
			2-Fluorobiphenyl	100	56.95	57		20	109
			2,4,6-Tribromophenol	150	57.44	38		10	110
			Terphenyl-d14	100	52.47	52		14	112
P2497-05	RT3997	BG061247.D	2-Fluorophenol	150	73.33	49		18	112
			Phenol-d6	150	63.46	42		15	107
			Nitrobenzene-d5	100	44.68	45		18	107
			2-Fluorobiphenyl	100	47.94	48		20	109
			2,4,6-Tribromophenol	150	48.80	33		10	110
P2497-07	280646	BG061246.D	Terphenyl-d14	100	42.89	43		14	112
			2-Fluorophenol	150	81.09	54		18	112
			Phenol-d6	150	75.17	50		15	107
			Nitrobenzene-d5	100	52.72	53		18	107
			2-Fluorobiphenyl	100	56.88	57		20	109
PB160948BL	PB160948BL	BG061233.D	2,4,6-Tribromophenol	150	57.27	38		10	110
			Terphenyl-d14	100	52.07	52		14	112
			2-Fluorophenol	150	161.42	108		18	112
			Phenol-d6	150	148.91	99		15	107
			Nitrobenzene-d5	100	93.11	93		18	107
PB160948BS	PB160948BS	BG061234.D	2-Fluorobiphenyl	100	89.67	90		20	109
			2,4,6-Tribromophenol	150	131.52	88		10	110
			Terphenyl-d14	100	90.66	91		14	112
			2-Fluorophenol	150	159.35	106		18	112
			Phenol-d6	150	149.40	100		15	107
			Nitrobenzene-d5	100	87.54	88		18	107
			2-Fluorobiphenyl	100	81.44	81		20	109
			2,4,6-Tribromophenol	150	120.34	80		10	110
			Terphenyl-d14	100	83.13	83		14	112



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

Surrogate Summary

SW-846

SDG No.: BG051724

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2495-01	RT-3463	BG061242.D	2-Fluorophenol	150	101.77	68		18	112
			Phenol-d6	150	91.91	61		15	107
			Nitrobenzene-d5	100	61.36	61		18	107
			2-Fluorobiphenyl	100	62.43	62		20	109
			2,4,6-Tribromophenol	150	72.75	48		10	110
			Terphenyl-d14	100	55.96	56		14	112
P2498-01	OK-01-051524	BG061244.D	2-Fluorophenol	150	88.27	59		18	112
			Phenol-d6	150	74.49	50		15	107
			Nitrobenzene-d5	100	55.21	55		18	107
			2-Fluorobiphenyl	100	51.95	52		20	109
			2,4,6-Tribromophenol	150	62.39	42		10	110
			Terphenyl-d14	100	42.36	42		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG051724

Lab Code: CHEM

SAS No.: BG051724 SDG NO.: BG051724

Lab File ID: BG061231.D

DFTPP Injection Date: 05/17/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.4
68	Less than 2.0% of mass 69	0.3 (0.9) 1
69	Mass 69 relative abundance	28.1
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	33.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.7
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	16.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.4 (20.4) 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	BG061232.D	05/17/2024	10:21
PB160948BL	PB160948BL	BG061233.D	05/17/2024	11:02
PB160948BS	PB160948BS	BG061234.D	05/17/2024	11:42
WC-A-COMP	P2487-01	BG061235.D	05/17/2024	12:27
SW-03-229	P2482-04	BG061236.D	05/17/2024	13:07
P-01-229	P2482-07	BG061237.D	05/17/2024	13:48
WCS-TPL	P2486-05	BG061238.D	05/17/2024	14:29
CHRT-28452	P2496-03	BG061239.D	05/17/2024	15:10
B-01-229	P2482-01	BG061240.D	05/17/2024	15:51
SW-01-229	P2482-02	BG061241.D	05/17/2024	16:32
RT-3463	P2495-01	BG061242.D	05/17/2024	17:14
280856	P2497-01	BG061243.D	05/17/2024	17:55
OK-01-051524	P2498-01	BG061244.D	05/17/2024	18:36
RT3823	P2497-03	BG061245.D	05/17/2024	19:17
280646	P2497-07	BG061246.D	05/17/2024	19:58
RT3997	P2497-05	BG061247.D	05/17/2024	20:39