

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG042224 SAS No.: BG042224 SDG No.: BG042224

Instrument ID: BNA_G Calibration Date/Time: 4/22/2024 11:43

Lab File ID: BG060987.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.951	0.898		-5.573	
Pyridine	1.058	1.065		0.662	
2-Fluorophenol	0.989	0.945		-4.449	
Benzaldehyde	0.755	0.751		-0.53	
Aniline	1.763	1.694		-3.914	
Phenol-d6	1.467	1.438		-1.977	
Phenol	1.458	1.386		-4.938	20.0
bis(2-Chloroethyl) ether	1.043	1.006		-3.547	
2-Chlorophenol	1.232	1.207		-2.029	
1,2-Dichlorobenzene	1.375	1.310		-4.727	
1,3-Dichlorobenzene	1.366	1.299		-4.905	
1,4-Dichlorobenzene	1.407	1.327		-5.686	20.0
Benzyl Alcohol	1.385	1.315		-5.054	
2-Methylphenol	1.177	1.132		-3.823	
2,2-oxybis(1-Chloropropane)	2.270	2.171		-4.361	
Acetophenone	0.558	0.535		-4.122	
3+4-Methylphenols	1.646	1.595		-3.098	
n-Nitroso-di-n-propylamine	1.093	1.036	0.050	-5.215	
Nitrobenzene-d5	0.445	0.438		-1.573	
Hexachloroethane	0.507	0.478		-5.72	
Nitrobenzene	0.428	0.419		-2.103	
Isophorone	0.745	0.717		-3.758	
2-Nitrophenol	0.201	0.181		-9.95	20.0
2,4-Dimethylphenol	0.322	0.299		-7.143	
bis(2-Chloroethoxy) methane	0.392	0.370		-5.612	
2,4-Dichlorophenol	0.372	0.353		-5.108	20.0
1,2,4-Trichlorobenzene	0.410	0.405		-1.22	
Benzoic acid	0.246	0.239		-2.846	
Naphthalene	1.095	1.067		-2.557	
4-Chloroaniline	0.497	0.486		-2.213	
Hexachlorobutadiene	0.361	0.360		-0.277	20.0
Caprolactam	0.118	0.115		-2.542	
4-Chloro-3-methylphenol	0.434	0.411		-5.3	20.0
2-Methylnaphthalene	0.861	0.844		-1.974	
Hexachlorocyclopentadiene	0.418	0.378	0.050	-9.569	
2,4,6-Trichlorophenol	0.467	0.456		-2.355	20.0
2-Fluorobiphenyl	1.445	1.413		-2.215	
2,4,5-Trichlorophenol	0.553	0.535		-3.255	
1,1-Biphenyl	1.347	1.338		-0.668	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG042224 SAS No.: BG042224 SDG No.: BG042224

Instrument ID: BNA_G Calibration Date/Time: 4/22/2024 11:43

Lab File ID: BG060987.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	1.033	1.003		-2.904	
2-Nitroaniline	0.417	0.377		-9.592	
Dimethylphthalate	1.649	1.556		-5.64	
Acenaphthylene	1.740	1.696		-2.529	
2,6-Dinitrotoluene	0.344	0.322		-6.395	
3-Nitroaniline	0.339	0.307		-9.44	
Acenaphthene	1.057	1.020		-3.5	20.0
2,4-Dinitrophenol	0.191	0.165	0.050	-13.613	
4-Nitrophenol	0.243	0.234	0.050	-3.704	
Dibenzofuran	1.825	1.738		-4.767	
2,4-Dinitrotoluene	0.496	0.470		-5.242	
Diethylphthalate	1.624	1.510		-7.02	
4-Chlorophenyl-phenylether	0.950	0.881		-7.263	
Fluorene	1.541	1.486		-3.569	
4-Nitroaniline	0.366	0.349		-4.645	
4,6-Dinitro-2-methylphenol	0.123	0.107		-13.008	
n-Nitrosodiphenylamine	0.551	0.527		-4.356	20.0
Azobenzene	1.321	1.218		-7.797	
2,4,6-Tribromophenol	0.439	0.408		-7.062	
4-Bromophenyl-phenylether	0.264	0.258		-2.273	
Hexachlorobenzene	0.292	0.285		-2.397	
Atrazine	0.206	0.203		-1.456	
Pentachlorophenol	0.191	0.183		-4.188	20.0
Phenanthrene	1.021	0.982		-3.82	
Anthracene	1.051	1.019		-3.045	
Carbazole	0.873	0.847		-2.978	
Di-n-butylphthalate	1.060	1.002		-5.472	
Fluoranthene	1.355	1.313		-3.1	20.0
Benzidine	0.371	0.438		18.059	
Pyrene	1.362	1.287		-5.507	
Terphenyl-d14	1.288	1.224		-4.969	
Butylbenzylphthalate	0.454	0.423		-6.828	
3,3-Dichlorobenzidine	0.508	0.484		-4.724	
Benzo(a)anthracene	1.406	1.361		-3.201	
Chrysene	1.339	1.288		-3.809	
Bis(2-ethylhexyl)phthalate	0.660	0.623		-5.606	
Di-n-octyl phthalate	1.096	1.062		-3.102	20.0
Benzo(b)fluoranthene	1.133	1.109		-2.118	
Benzo(k)fluoranthene	1.144	1.092		-4.545	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG042224 SAS No.: BG042224 SDG No.: BG042224

Instrument ID: BNA_G Calibration Date/Time: 4/22/2024 11:43

Lab File ID: BG060987.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.097	1.060		-3.373	20.0
Indeno(1,2,3-cd)pyrene	1.387	1.339		-3.461	
Dibenzo(a,h)anthracene	1.134	1.097		-3.263	
Benzo(g,h,i)perylene	1.124	1.059		-5.783	
1,2,4,5-Tetrachlorobenzene	0.711	0.693		-2.532	
1,4-Dioxane	0.342	0.312		-8.772	20.0
2,3,4,6-Tetrachlorophenol	0.558	0.532		-4.659	
1-Methylnaphthalene	0.803	0.802		-0.125	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	PB160353BL	SDG No.:	BG042224
Lab Sample ID:	PB160353BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060988.D	1	4/18/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160353

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

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	PB160353BL	SDG No.:	BG042224
Lab Sample ID:	PB160353BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060988.D	1	4/18/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160353

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

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	PB160353BL	SDG No.:	BG042224
Lab Sample ID:	PB160353BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BG060988.D	1	4/18/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.835		18-112		75	SPK: -150
13127-88-3	Phenol-d6	109.943		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	90.147		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	79.449		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	PB160353BL	SDG No.:	BG042224
Lab Sample ID:	PB160353BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060988.D	1	4/18/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160353

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.313		10-110		82	SPK: -150
1718-51-0	Terphenyl-d14	77.152		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22288	7.936				
1146-65-2	Naphthalene-d8	71421	10.733				
15067-26-2	Acenaphthene-d10	65258	14.569				
1517-22-2	Phenanthrene-d10	190085	17.313				
1719-03-5	Chrysene-d12	212342	21.573				
1520-96-3	Perylene-d12	244790	24.699				



Client:				Date Collected:	4/18/2024 12:00:00 AM	
Project:				Date Received:	4/18/2024 12:00:00 AM	
Client Sample ID:	CONCRETE-VAULT			SDG No.:	BG042224	
Lab Sample ID:	P2189-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.07	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060989.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	CONCRETE-VAULT	SDG No.:	BG042224
Lab Sample ID:	P2189-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060989.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	1675.7	U	794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.5	U	101.5	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	CONCRETE-VAULT	SDG No.:	BG042224
Lab Sample ID:	P2189-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060989.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	300		50.3	77.9	100	ug/Kg
120-12-7	Anthracene	68	J	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	420		49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	330		49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	180		48.4	77.9	100	ug/Kg
218-01-9	Chrysene	150		47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	130		48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	97.7	J	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.734		18-112		59	SPK: -150
13127-88-3	Phenol-d6	88.594		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	61.006		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	63.214		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	CONCRETE-VAULT	SDG No.:	BG042224
Lab Sample ID:	P2189-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060989.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	49.167		10-110		33	SPK: -150
1718-51-0	Terphenyl-d14	63.918		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21931	7.941				
1146-65-2	Naphthalene-d8	81638	10.732				
15067-26-2	Acenaphthene-d10	69734	14.563				
1517-22-2	Phenanthrene-d10	173613	17.313				
1719-03-5	Chrysene-d12	171351	21.572				
1520-96-3	Perylene-d12	207233	24.686				



Client:				Date Collected:	4/16/2024 12:00:00 AM	
Project:				Date Received:	4/16/2024 12:00:00 AM	
Client Sample ID:	72-11935DL			SDG No.:	BG042224	
Lab Sample ID:	P2148-01DL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13	
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060990.D	250	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	14900	U	14900	46500	56800	ug/Kg
110-86-1	Pyridine	13800	U	13800	22400	29300	ug/Kg
100-52-7	Benzaldehyde	31300	U	31300	46500	56800	ug/Kg
62-53-3	Aniline	16700	U	16700	22400	29300	ug/Kg
108-95-2	Phenol	14300	U	14300	22400	29300	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	14400	U	14400	22400	29300	ug/Kg
95-57-8	2-Chlorophenol	14400	U	14400	22400	29300	ug/Kg
95-50-1	1,2-Dichlorobenzene	14600	U	14600	22400	29300	ug/Kg
541-73-1	1,3-Dichlorobenzene	14800	U	14800	22400	29300	ug/Kg
106-46-7	1,4-Dichlorobenzene	14900	U	14900	22400	29300	ug/Kg
100-51-6	Benzyl Alcohol	14300	U	14300	46500	56800	ug/Kg
95-48-7	2-Methylphenol	13900	U	13900	22400	29300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	15600	U	15600	22400	29300	ug/Kg
98-86-2	Acetophenone	15000	U	15000	22400	29300	ug/Kg
65794-96-9	3+4-Methylphenols	13700	U	13700	46500	56800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	6900	U	6900	13800	13800	ug/Kg
67-72-1	Hexachloroethane	14300	U	14300	22400	29300	ug/Kg
98-95-3	Nitrobenzene	15600	U	15600	22400	29300	ug/Kg
78-59-1	Isophorone	14600	U	14600	22400	29300	ug/Kg
88-75-5	2-Nitrophenol	16300	U	16300	22400	29300	ug/Kg
105-67-9	2,4-Dimethylphenol	16000	U	16000	22400	29300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	14800	U	14800	22400	29300	ug/Kg
120-83-2	2,4-Dichlorophenol	13000	U	13000	22400	29300	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	14700	U	14700	22400	29300	ug/Kg
65-85-0	Benzoic acid	40800	U	40800	46500	56800	ug/Kg
91-20-3	Naphthalene	14200	U	14200	22400	29300	ug/Kg
106-47-8	4-Chloroaniline	14200	U	14200	22400	29300	ug/Kg
87-68-3	Hexachlorobutadiene	14300	U	14300	22400	29300	ug/Kg



Client:				Date Collected:	4/16/2024 12:00:00 AM	
Project:				Date Received:	4/16/2024 12:00:00 AM	
Client Sample ID:	72-11935DL			SDG No.:	BG042224	
Lab Sample ID:	P2148-01DL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13	
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060990.D	250	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	14900	U	14900	46500	56800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	13300	U	13300	22400	29300	ug/Kg
91-57-6	2-Methylnaphthalene	14200	U	14200	22400	29300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	26900	U	26900	46500	56800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	12300	U	12300	22400	29300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	12700	U	12700	22400	29300	ug/Kg
92-52-4	1,1-Biphenyl	15000	U	15000	22400	29300	ug/Kg
91-58-7	2-Chloronaphthalene	14300	U	14300	22400	29300	ug/Kg
88-74-4	2-Nitroaniline	16400	U	16400	22400	29300	ug/Kg
131-11-3	Dimethylphthalate	14100	U	14100	22400	29300	ug/Kg
208-96-8	Acenaphthylene	14900	U	14900	22400	29300	ug/Kg
606-20-2	2,6-Dinitrotoluene	14300	U	14300	22400	29300	ug/Kg
99-09-2	3-Nitroaniline	15400	U	15400	22400	29300	ug/Kg
83-32-9	Acenaphthene	14000	U	14000	22400	29300	ug/Kg
Total PAH	Total PAH	228200	U	228200	22400	468800	ug/Kg
51-28-5	2,4-Dinitrophenol	41800	U	41800	46500	56800	ug/Kg
100-02-7	4-Nitrophenol	20000	U	20000	46500	56800	ug/Kg
132-64-9	Dibenzofuran	14500	U	14500	22400	29300	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	29100	U	29100	22400	58600	ug/Kg
121-14-2	2,4-Dinitrotoluene	14800	U	14800	22400	29300	ug/Kg
84-66-2	Diethylphthalate	13800	U	13800	22400	29300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	14700	U	14700	22400	29300	ug/Kg
86-73-7	Fluorene	14700	U	14700	22400	29300	ug/Kg
100-01-6	4-Nitroaniline	18400	U	18400	22400	29300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20100	U	20100	46500	56800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	14000	U	14000	22400	29300	ug/Kg
103-33-3	Azobenzene	13700	U	13700	22400	29300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	13600	U	13600	22400	29300	ug/Kg
118-74-1	Hexachlorobenzene	14600	U	14600	22400	29300	ug/Kg
1912-24-9	Atrazine	15700	U	15700	22400	29300	ug/Kg

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	72-11935DL	SDG No.:	BG042224
Lab Sample ID:	P2148-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060990.D	250	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	13300	U	13300	46500	56800	ug/Kg
85-01-8	Phenanthrene	14500	U	14500	22400	29300	ug/Kg
120-12-7	Anthracene	14500	U	14500	22400	29300	ug/Kg
86-74-8	Carbazole	13800	U	13800	22400	29300	ug/Kg
84-74-2	Di-n-butylphthalate	14500	U	14500	22400	29300	ug/Kg
206-44-0	Fluoranthene	14100	U	14100	22400	29300	ug/Kg
92-87-5	Benzidine	28100	U	28100	46500	56800	ug/Kg
129-00-0	Pyrene	14300	U	14300	22400	29300	ug/Kg
85-68-7	Butylbenzylphthalate	16700	U	16700	22400	29300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	17000	U	17000	46500	56800	ug/Kg
56-55-3	Benzo(a)anthracene	13900	U	13900	22400	29300	ug/Kg
218-01-9	Chrysene	13700	U	13700	22400	29300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	197400	D	15700	22400	29300	ug/Kg
117-84-0	Di-n-octyl phthalate	18900	U	18900	46500	56800	ug/Kg
205-99-2	Benzo(b)fluoranthene	14000	U	14000	22400	29300	ug/Kg
207-08-9	Benzo(k)fluoranthene	14200	U	14200	22400	29300	ug/Kg
50-32-8	Benzo(a)pyrene	16000	U	16000	22400	29300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	13400	U	13400	22400	29300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14000	U	14000	22400	29300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	13800	U	13800	22400	29300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	14900	U	14900	22400	29300	ug/Kg
123-91-1	1,4-Dioxane	18900	U	18900	22400	29300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	12900	U	12900	22400	29300	ug/Kg
90-12-0	1-Methylnaphthalene	14300	U	14300	29300	29300	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92		18-112		61	SPK: -150
13127-88-3	Phenol-d6	116.25		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	79.5		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	90.75		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	72-11935DL	SDG No.:	BG042224
Lab Sample ID:	P2148-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060990.D	250	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.5		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	89.25		14-112		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19221	7.941				
1146-65-2	Naphthalene-d8	73032	10.732				
15067-26-2	Acenaphthene-d10	65073	14.568				
1517-22-2	Phenanthrene-d10	164498	17.312				
1719-03-5	Chrysene-d12	163671	21.572				
1520-96-3	Perylene-d12	195637	24.686				

Report of Analysis

Client:				Date Collected:	4/15/2024 12:00:00 AM		
Project:				Date Received:	4/15/2024 12:00:00 AM		
Client Sample ID:	SP-2-FRONT			SDG No.:	BG042224		
Lab Sample ID:	P2127-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	10.5		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060991.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.9	U	96.9	300	370	ug/Kg
110-86-1	Pyridine	89.2	U	89.2	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	92.5	U	92.5	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.4	U	93.4	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.2	U	93.2	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.4	U	94.4	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96	U	96	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.6	U	96.6	150	190	ug/Kg
100-51-6	Benzyl Alcohol	92.6	U	92.6	300	370	ug/Kg
95-48-7	2-Methylphenol	90	U	90	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97	U	97	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.1	U	89.1	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45	U	45	89.3	89.3	ug/Kg
67-72-1	Hexachloroethane	92.6	U	92.6	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	94.4	U	94.4	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.8	U	95.8	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.3	U	84.3	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.3	U	95.3	150	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	92.2	U	92.2	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.2	U	92.2	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93	U	93	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-FRONT	SDG No.:	BG042224
Lab Sample ID:	P2127-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060991.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.9	U	96.9	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.5	U	86.5	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.1	U	92.1	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.7	U	79.7	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.6	U	82.6	150	190	ug/Kg
92-52-4	1,1-Biphenyl	97.6	U	97.6	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93	U	93	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.2	U	91.2	150	190	ug/Kg
208-96-8	Acenaphthylene	96.6	U	96.6	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.9	U	92.9	150	190	ug/Kg
99-09-2	3-Nitroaniline	99.6	U	99.6	150	190	ug/Kg
83-32-9	Acenaphthene	310		90.5	150	190	ug/Kg
Total PAH	Total PAH	19520		1475.2	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	200		94.2	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.1	U	189.1	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.2	U	96.2	150	190	ug/Kg
84-66-2	Diethylphthalate	89.4	U	89.4	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.5	U	95.5	150	190	ug/Kg
86-73-7	Fluorene	340		95.4	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	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.1	U	91.1	150	190	ug/Kg
103-33-3	Azobenzene	88.8	U	88.8	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.1	U	88.1	150	190	ug/Kg
118-74-1	Hexachlorobenzene	94.9	U	94.9	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-FRONT	SDG No.:	BG042224
Lab Sample ID:	P2127-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
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
BG060991.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.3	U	86.3	300	370	ug/Kg
85-01-8	Phenanthrene	3300	E	93.8	150	190	ug/Kg
120-12-7	Anthracene	710		94.2	150	190	ug/Kg
86-74-8	Carbazole	450		89.6	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.1	U	94.1	150	190	ug/Kg
206-44-0	Fluoranthene	3600	E	91.2	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	2700		92.6	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1600		90.1	150	190	ug/Kg
218-01-9	Chrysene	1500		88.7	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	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		90.5	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	640		92.2	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	1300		100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	700		87.2	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220		90.6	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	800		89.4	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.9	U	96.9	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	83.4	U	83.4	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.9	U	92.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.193		18-112		60	SPK: -150
13127-88-3	Phenol-d6	85.017		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	55.53		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	53.492		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-FRONT	SDG No.:	BG042224
Lab Sample ID:	P2127-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060991.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.091		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	49.417		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28821	7.941				
1146-65-2	Naphthalene-d8	103058	10.732				
15067-26-2	Acenaphthene-d10	85816	14.568				
1517-22-2	Phenanthrene-d10	195836	17.312				
1719-03-5	Chrysene-d12	199526	21.578				
1520-96-3	Perylene-d12	238367	24.698				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	270	J			3.164	
000486-25-9	9H-Fluoren-9-one	170	J			16.965	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	160	J			17.065	
000132-65-0	Dibenzothiophene	170	J			17.13	
000832-69-9	Phenanthrene, 1-methyl-	360	J			18.193	
002531-84-2	Phenanthrene, 2-methyl-	660	J			18.24	
000613-12-7	Anthracene, 2-methyl-	180	J			18.317	
000203-64-5	4H-Cyclopenta[def]phenanthrene	690	J			18.387	
000832-64-4	Phenanthrene, 4-methyl-	170	J			18.423	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	290	J			18.687	
000084-65-1	9,10-Anthracenedione	250	J			18.728	
003674-66-6	Phenanthrene, 2,5-dimethyl-	220	J			19.104	
	unknown19.169	150	J			19.169	
005737-13-3	Cyclopenta(def)phenanthrenone	210	J			19.245	
002381-21-7	Pyrene, 1-methyl-	110	J			20.226	
	unknown21.249	110	J			21.249	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			21.307	
000198-55-0	Perylene	250	J			23.957	
000192-97-2	Benzo[e]pyrene	940	J			24.416	

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-FRONT	SDG No.:	BG042224
Lab Sample ID:	P2127-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
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
BG060991.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
026964-26-1	4H-1-Benzopyran-4-one, 8-methoxy-2	350	J			24.774	

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-FRONT	SDG No.:	BG042224
Lab Sample ID:	P2127-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060992.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.9	U	96.9	300	370	ug/Kg
110-86-1	Pyridine	89.2	U	89.2	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	92.5	U	92.5	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.4	U	93.4	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.2	U	93.2	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.4	U	94.4	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96	U	96	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.6	U	96.6	150	190	ug/Kg
100-51-6	Benzyl Alcohol	92.6	U	92.6	300	370	ug/Kg
95-48-7	2-Methylphenol	90	U	90	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97	U	97	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.1	U	89.1	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45	U	45	89.3	89.3	ug/Kg
67-72-1	Hexachloroethane	92.6	U	92.6	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	94.4	U	94.4	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.8	U	95.8	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.3	U	84.3	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.3	U	95.3	150	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	92.2	U	92.2	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.2	U	92.2	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93	U	93	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-FRONT	SDG No.:	BG042224
Lab Sample ID:	P2127-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060992.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.9	U	96.9	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.5	U	86.5	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.1	U	92.1	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.7	U	79.7	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.6	U	82.6	150	190	ug/Kg
92-52-4	1,1-Biphenyl	97.6	U	97.6	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93	U	93	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.2	U	91.2	150	190	ug/Kg
208-96-8	Acenaphthylene	96.6	U	96.6	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.9	U	92.9	150	190	ug/Kg
99-09-2	3-Nitroaniline	99.6	U	99.6	150	190	ug/Kg
83-32-9	Acenaphthene	90.5	U	90.5	150	190	ug/Kg
Total PAH	Total PAH	1475.2	U	1475.2	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94.2	U	94.2	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.2	U	96.2	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.1	U	189.1	150	380	ug/Kg
84-66-2	Diethylphthalate	89.4	U	89.4	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.5	U	95.5	150	190	ug/Kg
86-73-7	Fluorene	95.4	U	95.4	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	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.1	U	91.1	150	190	ug/Kg
103-33-3	Azobenzene	88.8	U	88.8	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.1	U	88.1	150	190	ug/Kg
118-74-1	Hexachlorobenzene	94.9	U	94.9	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-FRONT	SDG No.:	BG042224
Lab Sample ID:	P2127-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
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
BG060992.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.3	U	86.3	300	370	ug/Kg
85-01-8	Phenanthrene	93.8	U	93.8	150	190	ug/Kg
120-12-7	Anthracene	94.2	U	94.2	150	190	ug/Kg
86-74-8	Carbazole	89.6	U	89.6	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.1	U	94.1	150	190	ug/Kg
206-44-0	Fluoranthene	91.2	U	91.2	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	92.6	U	92.6	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	90.1	U	90.1	150	190	ug/Kg
218-01-9	Chrysene	88.7	U	88.7	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	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.5	U	90.5	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	92.2	U	92.2	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.2	U	87.2	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.6	U	90.6	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.4	U	89.4	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.9	U	96.9	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	83.4	U	83.4	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.9	U	92.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.548		18-112		79	SPK: -150
13127-88-3	Phenol-d6	107.052		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	73.939		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	78.489		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-FRONT	SDG No.:	BG042224
Lab Sample ID:	P2127-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060992.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.261		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	82.042		14-112		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26099	7.94				
1146-65-2	Naphthalene-d8	97910	10.731				
15067-26-2	Acenaphthene-d10	82846	14.568				
1517-22-2	Phenanthrene-d10	201415	17.312				
1719-03-5	Chrysene-d12	195755	21.571				
1520-96-3	Perylene-d12	237354	24.697				
TENTATIVE IDENTIFIED COMPOUNDS							
000071-36-3	1-Butanol	1900	J			3.052	
000994-05-8	Butane, 2-methoxy-2-methyl-	510	J			3.181	
000108-88-3	Toluene	350	J			4.156	
000123-86-4	Acetic acid, butyl ester	420	J			4.65	
1000343-63-5	t-Butyl n-propyl sulfide	1100	J			5.055	
044657-76-3	Propane, 2-methyl-2-[(1-methylethyl)-	970	J			5.813	
	unknown6.847	700	J			6.847	
002639-63-6	Butanoic acid, hexyl ester	4900	J			7.464	
000645-62-5	2-Hexenal, 2-ethyl-	2600	J			7.576	
004253-89-8	Disulfide, bis(1-methylethyl)	1000	J			8.017	
043022-60-2	Disulfide, (1-methylethyl) (1,1-di	2200	J			8.633	
000629-19-6	Disulfide, dipropyl	1600	J			8.751	
	unknown9.409	1000	J			9.409	
000110-06-5	Di-tert-butyl disulfide	700	J			9.697	
	unknown10.085	690	J			10.085	
	unknown10.625	4200	J			10.625	
	unknown11.401	470	J			11.401	
	unknown12.100	4600	J			12.1	
	unknown12.594	4200	J			12.594	

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-FRONT	SDG No.:	BG042224
Lab Sample ID:	P2127-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
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
BG060992.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-BACK	SDG No.:	BG042224
Lab Sample ID:	P2127-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BG060993.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.2	U	97.2	300	370	ug/Kg
110-86-1	Pyridine	89.5	U	89.5	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	92.8	U	92.8	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.7	U	93.7	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.5	U	93.5	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.7	U	94.7	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.3	U	96.3	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.9	U	96.9	150	190	ug/Kg
100-51-6	Benzyl Alcohol	92.9	U	92.9	300	370	ug/Kg
95-48-7	2-Methylphenol	90.2	U	90.2	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97.3	U	97.3	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.4	U	89.4	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.1	U	45.1	89.6	89.6	ug/Kg
67-72-1	Hexachloroethane	92.9	U	92.9	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	94.7	U	94.7	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.1	U	96.1	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.5	U	84.5	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.6	U	95.6	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	300	370	ug/Kg
91-20-3	Naphthalene	92.5	U	92.5	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.5	U	92.5	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.3	U	93.3	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-BACK	SDG No.:	BG042224
Lab Sample ID:	P2127-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BG060993.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	97.2	U	97.2	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.8	U	86.8	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.4	U	92.4	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.9	U	79.9	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.9	U	82.9	150	190	ug/Kg
92-52-4	1,1-Biphenyl	97.9	U	97.9	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.3	U	93.3	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.5	U	91.5	150	190	ug/Kg
208-96-8	Acenaphthylene	96.9	U	96.9	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.2	U	93.2	150	190	ug/Kg
99-09-2	3-Nitroaniline	99.9	U	99.9	150	190	ug/Kg
83-32-9	Acenaphthene	160	J	90.8	150	190	ug/Kg
Total PAH	Total PAH	19900		1479.7	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94.5	U	94.5	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.7	U	189.7	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.5	U	96.5	150	190	ug/Kg
84-66-2	Diethylphthalate	89.7	U	89.7	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.8	U	95.8	150	190	ug/Kg
86-73-7	Fluorene	140	J	95.7	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	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.4	U	91.4	150	190	ug/Kg
103-33-3	Azobenzene	89.1	U	89.1	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.3	U	88.3	150	190	ug/Kg
118-74-1	Hexachlorobenzene	95.2	U	95.2	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-BACK	SDG No.:	BG042224
Lab Sample ID:	P2127-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BG060993.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.6	U	86.6	300	370	ug/Kg
85-01-8	Phenanthrene	2000		94.1	150	190	ug/Kg
120-12-7	Anthracene	420		94.5	150	190	ug/Kg
86-74-8	Carbazole	260		89.9	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.4	U	94.4	150	190	ug/Kg
206-44-0	Fluoranthene	3600	E	91.5	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	3000	E	92.9	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	160	J	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1800		90.4	150	190	ug/Kg
218-01-9	Chrysene	1700		89	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	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		90.8	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	800		92.5	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	1700		100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920		87.5	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270		90.9	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990		89.7	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.2	U	97.2	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	83.6	U	83.6	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	93.2	U	93.2	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.419		18-112		66	SPK: -150
13127-88-3	Phenol-d6	87.302		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	54.698		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	59.274		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-BACK	SDG No.:	BG042224
Lab Sample ID:	P2127-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BG060993.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.398		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	54.439		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29625	7.943				
1146-65-2	Naphthalene-d8	112331	10.733				
15067-26-2	Acenaphthene-d10	86261	14.57				
1517-22-2	Phenanthrene-d10	196280	17.314				
1719-03-5	Chrysene-d12	200139	21.579				
1520-96-3	Perylene-d12	240853	24.705				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	240	J			3.166	
000486-25-9	9H-Fluoren-9-one	150	J			16.961	
000233-02-3	Naphtho[2,1-b]thiophene	130	J			17.132	
000832-69-9	Phenanthrene, 1-methyl-	320	J			18.189	
000613-12-7	Anthracene, 2-methyl-	580	J			18.236	
002531-84-2	Phenanthrene, 2-methyl-	140	J			18.325	
000203-64-5	4H-Cyclopenta[def]phenanthrene	570	J			18.389	
006109-24-6	1a,9b-Dihydro-1H-cyclopropa[a]anth	140	J			18.424	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	230	J			18.689	
000084-65-1	9,10-Anthracenedione	290	J			18.73	
003674-65-5	Phenanthrene, 2,3-dimethyl-	230	J			19.112	
	unknown19.171	100	J			19.171	
005737-13-3	Cyclopenta(def)phenanthrenone	280	J			19.247	
000479-79-8	11H-Benzo[a]fluoren-11-one	98.2	J			20.98	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	120	J			21.162	
027208-37-3	Cyclopenta[cd]pyrene	130	J			21.25	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			21.309	
042079-78-7	5-Methoxyflavone	330	J			23.965	
000192-97-2	Benzo[e]pyrene	1300	J			24.417	

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-2-BACK	SDG No.:	BG042224
Lab Sample ID:	P2127-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BG060993.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	580	J			24.782	

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	COMP-B	SDG No.:	BG042224
Lab Sample ID:	P2147-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060994.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.3	U	90.3	280	340	ug/Kg
110-86-1	Pyridine	83.2	U	83.2	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	340	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	86.3	U	86.3	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.1	U	87.1	140	180	ug/Kg
95-57-8	2-Chlorophenol	86.9	U	86.9	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	88	U	88	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	89.5	U	89.5	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	90	U	90	140	180	ug/Kg
100-51-6	Benzyl Alcohol	86.4	U	86.4	280	340	ug/Kg
95-48-7	2-Methylphenol	83.9	U	83.9	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	94.6	U	94.6	140	180	ug/Kg
98-86-2	Acetophenone	90.4	U	90.4	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	83	U	83	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.9	U	41.9	83.3	83.3	ug/Kg
67-72-1	Hexachloroethane	86.4	U	86.4	140	180	ug/Kg
98-95-3	Nitrobenzene	94.5	U	94.5	140	180	ug/Kg
78-59-1	Isophorone	88	U	88	140	180	ug/Kg
88-75-5	2-Nitrophenol	98.3	U	98.3	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97	U	97	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	89.3	U	89.3	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	78.6	U	78.6	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88.9	U	88.9	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	340	ug/Kg
91-20-3	Naphthalene	86	U	86	140	180	ug/Kg
106-47-8	4-Chloroaniline	86	U	86	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	86.7	U	86.7	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	COMP-B	SDG No.:	BG042224
Lab Sample ID:	P2147-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	30.09	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
BG060994.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	90.3	U	90.3	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80.7	U	80.7	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	85.9	U	85.9	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.3	U	74.3	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77	U	77	140	180	ug/Kg
92-52-4	1,1-Biphenyl	91	U	91	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	86.7	U	86.7	140	180	ug/Kg
88-74-4	2-Nitroaniline	98.9	U	98.9	140	180	ug/Kg
131-11-3	Dimethylphthalate	85	U	85	140	180	ug/Kg
208-96-8	Acenaphthylene	90	U	90	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	86.6	U	86.6	140	180	ug/Kg
99-09-2	3-Nitroaniline	92.8	U	92.8	140	180	ug/Kg
83-32-9	Acenaphthene	84.4	U	84.4	140	180	ug/Kg
Total PAH	Total PAH	1379.1	U	1379.1	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	340	ug/Kg
132-64-9	Dibenzofuran	87.8	U	87.8	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	76.3	U	176.3	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	89.7	U	89.7	140	180	ug/Kg
84-66-2	Diethylphthalate	83.4	U	83.4	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.1	U	89.1	140	180	ug/Kg
86-73-7	Fluorene	89	U	89	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	84.9	U	84.9	140	180	ug/Kg
103-33-3	Azobenzene	82.8	U	82.8	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.1	U	82.1	140	180	ug/Kg
118-74-1	Hexachlorobenzene	88.5	U	88.5	140	180	ug/Kg
1912-24-9	Atrazine	95.1	U	95.1	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	COMP-B	SDG No.:	BG042224
Lab Sample ID:	P2147-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060994.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	80.4	U	80.4	280	340	ug/Kg
85-01-8	Phenanthrene	87.4	U	87.4	140	180	ug/Kg
120-12-7	Anthracene	87.8	U	87.8	140	180	ug/Kg
86-74-8	Carbazole	83.6	U	83.6	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	87.7	U	87.7	140	180	ug/Kg
206-44-0	Fluoranthene	150	J	85	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	140	J	86.4	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	84	U	84	140	180	ug/Kg
218-01-9	Chrysene	82.7	U	82.7	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	94.7	U	94.7	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.1	J	84.4	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86	U	86	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	96.8	U	96.8	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.3	U	81.3	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84.5	U	84.5	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83.4	U	83.4	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	90.3	U	90.3	140	180	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	77.7	U	77.7	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	86.6	U	86.6	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.524		18-112		64	SPK: -150
13127-88-3	Phenol-d6	83.943		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	55.516		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	58.886		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	COMP-B	SDG No.:	BG042224
Lab Sample ID:	P2147-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060994.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.915		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	57.267		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27255	7.94				
1146-65-2	Naphthalene-d8	101168	10.736				
15067-26-2	Acenaphthene-d10	78247	14.567				
1517-22-2	Phenanthrene-d10	184687	17.317				
1719-03-5	Chrysene-d12	182809	21.577				
1520-96-3	Perylene-d12	227083	24.697				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			3.169	
000108-11-2	2-Pentanol, 4-methyl-	170	J			3.686	
	unknown14.514	610	J			14.514	
000112-75-4	1-Tetradecanamine, N,N-dimethyl-	180	J			16.336	
000638-53-9	Tridecanoic acid	120	J			18.216	
000629-73-2	Cetene	110	J			21.248	

Report of Analysis

Client:				Date Collected:	4/16/2024 12:00:00 AM		
Project:				Date Received:	4/16/2024 12:00:00 AM		
Client Sample ID:	COMP-C			SDG No.:	BG042224		
Lab Sample ID:	P2147-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.6		
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060995.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.8	U	93.8	290	360	ug/Kg
110-86-1	Pyridine	86.3	U	86.3	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.5	U	89.5	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.4	U	90.4	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.2	U	90.2	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.4	U	91.4	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	92.9	U	92.9	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.4	U	93.4	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.6	U	89.6	290	360	ug/Kg
95-48-7	2-Methylphenol	87.1	U	87.1	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.2	U	98.2	140	180	ug/Kg
98-86-2	Acetophenone	93.9	U	93.9	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.2	U	86.2	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.5	U	43.5	86.4	86.4	ug/Kg
67-72-1	Hexachloroethane	89.6	U	89.6	140	180	ug/Kg
98-95-3	Nitrobenzene	98.1	U	98.1	140	180	ug/Kg
78-59-1	Isophorone	91.4	U	91.4	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.7	U	92.7	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.5	U	81.5	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.2	U	92.2	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.2	U	89.2	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.2	U	89.2	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90	U	90	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	COMP-C	SDG No.:	BG042224
Lab Sample ID:	P2147-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BG060995.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	93.8	U	93.8	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.7	U	83.7	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.1	U	89.1	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.1	U	77.1	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.9	U	79.9	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.4	U	94.4	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90	U	90	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.2	U	88.2	140	180	ug/Kg
208-96-8	Acenaphthylene	93.4	U	93.4	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.9	U	89.9	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.3	U	96.3	140	180	ug/Kg
83-32-9	Acenaphthene	87.6	U	87.6	140	180	ug/Kg
Total PAH	Total PAH	1430.7	U	1430.7	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.2	U	91.2	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	83	U	183	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.1	U	93.1	140	180	ug/Kg
84-66-2	Diethylphthalate	86.5	U	86.5	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.5	U	92.5	140	180	ug/Kg
86-73-7	Fluorene	92.3	U	92.3	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.1	U	88.1	140	180	ug/Kg
103-33-3	Azobenzene	86	U	86	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.2	U	85.2	140	180	ug/Kg
118-74-1	Hexachlorobenzene	91.8	U	91.8	140	180	ug/Kg
1912-24-9	Atrazine	98.7	U	98.7	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	COMP-C	SDG No.:	BG042224
Lab Sample ID:	P2147-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BG060995.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.5	U	83.5	290	360	ug/Kg
85-01-8	Phenanthrene	110	J	90.7	140	180	ug/Kg
120-12-7	Anthracene	91.2	U	91.2	140	180	ug/Kg
86-74-8	Carbazole	86.7	U	86.7	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.1	U	91.1	140	180	ug/Kg
206-44-0	Fluoranthene	290		88.2	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	260		89.6	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	87.2	140	180	ug/Kg
218-01-9	Chrysene	160	J	85.9	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.3	U	98.3	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		87.6	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	89.2	U	89.2	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.4	U	84.4	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.7	U	87.7	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.5	U	86.5	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.8	U	93.8	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.7	U	80.7	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	89.9	U	89.9	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.914		18-112		59	SPK: -150
13127-88-3	Phenol-d6	79.64		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	52.12		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	57.986		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	COMP-C	SDG No.:	BG042224
Lab Sample ID:	P2147-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BG060995.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.778		10-110		53	SPK: -150
1718-51-0	Terphenyl-d14	51.393		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28467	7.943				
1146-65-2	Naphthalene-d8	106947	10.734				
15067-26-2	Acenaphthene-d10	78769	14.57				
1517-22-2	Phenanthrene-d10	185916	17.314				
1719-03-5	Chrysene-d12	189534	21.574				
1520-96-3	Perylene-d12	224844	24.706				
TENTATIVE IDENTIFIED COMPOUNDS							
002415-72-7	Cyclopropane, propyl-	170	J			3.084	
000994-05-8	Butane, 2-methoxy-2-methyl-	180	J			3.166	
	unknown3.683	130	J			3.683	
001002-84-2	Pentadecanoic acid	270	J			18.219	
010192-32-2	1-Tetracosene	130	J			21.251	

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-1C	SDG No.:	BG042224
Lab Sample ID:	P2126-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060996.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	93.9	U	93.9	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.5	U	97.5	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.4	U	98.4	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.2	U	98.2	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.5	U	99.5	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.6	U	97.6	320	390	ug/Kg
95-48-7	2-Methylphenol	94.8	U	94.8	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.8	U	93.8	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	94.1	94.1	ug/Kg
67-72-1	Hexachloroethane	97.6	U	97.6	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.5	U	99.5	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.8	U	88.8	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	1600		97.1	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.1	U	97.1	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.9	U	97.9	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-1C	SDG No.:	BG042224
Lab Sample ID:	P2126-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.09	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
BG060996.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.1	U	91.1	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	540		97	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.9	U	83.9	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87	U	87	150	200	ug/Kg
92-52-4	1,1-Biphenyl	150	J	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.9	U	97.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96.1	U	96.1	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.8	U	97.8	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	1500		95.4	150	200	ug/Kg
Total PAH	Total PAH	70160		1556.6	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	870		99.2	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.8	U	197.8	150	400	ug/Kg
84-66-2	Diethylphthalate	94.2	U	94.2	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	1200		100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.9	U	95.9	150	200	ug/Kg
103-33-3	Azobenzene	93.6	U	93.6	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.8	U	92.8	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.9	U	99.9	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-1C	SDG No.:	BG042224
Lab Sample ID:	P2126-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060996.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.9	U	90.9	320	390	ug/Kg
85-01-8	Phenanthrene	12000	E	98.8	150	200	ug/Kg
120-12-7	Anthracene	2600		99.2	150	200	ug/Kg
86-74-8	Carbazole	1600		94.4	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.1	U	99.1	150	200	ug/Kg
206-44-0	Fluoranthene	11900	E	96.1	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	10400	E	97.6	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	5500	E	94.9	150	200	ug/Kg
218-01-9	Chrysene	5200	E	93.5	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	6400	E	95.4	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300		97.1	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	4700	E	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		91.8	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	560		95.5	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300		94.2	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.8	U	87.8	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	390		97.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.121		18-112		66	SPK: -150
13127-88-3	Phenol-d6	88.239		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	61.602		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	66.162		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-1C	SDG No.:	BG042224
Lab Sample ID:	P2126-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060996.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.235		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	56.535		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30512	7.946				
1146-65-2	Naphthalene-d8	108744	10.737				
15067-26-2	Acenaphthene-d10	81784	14.568				
1517-22-2	Phenanthrene-d10	191784	17.324				
1719-03-5	Chrysene-d12	194152	21.589				
1520-96-3	Perylene-d12	234219	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000582-16-1	Naphthalene, 2,7-dimethyl-	200	J			13.886	
007320-53-8	Dibenzofuran, 4-methyl-	230	J			15.914	
001430-97-3	9H-Fluorene, 2-methyl-	250	J			16.624	
000486-25-9	9H-Fluoren-9-one	600	J			16.971	
000268-77-9	Naphtho[2,3-b]thiophene	850	J			17.136	
000262-89-5	Dibenzo[a,e]cyclooctene	240	J			17.841	
016587-52-3	Dibenzothiophene, 3-methyl-	180	J			17.899	
002531-84-2	Phenanthrene, 2-methyl-	940	J			18.199	
000832-69-9	Phenanthrene, 1-methyl-	1300	J			18.246	
000613-12-7	Anthracene, 2-methyl-	340	J			18.322	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1900	J			18.393	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	380	J			18.428	
000612-94-2	Naphthalene, 2-phenyl-	800	J			18.698	
000084-65-1	9,10-Anthracenedione	950	J			18.74	
000081-84-5	Naphthalic anhydride	440	J			19.122	
005737-13-3	Cyclopenta(def)phenanthrenone	520	J			19.257	
074866-28-7	1,1-Binaphthalene, 2,2-dibromo-	720	J			23.98	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	200	J			24.18	
000192-97-2	Benzo[e]pyrene	3500	J			24.445	

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-1C	SDG No.:	BG042224
Lab Sample ID:	P2126-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060996.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000205-82-3	Benzo[<i>j</i>]fluoranthene	1500	J			24.797	

Report of Analysis

Client:				Date Collected:	4/16/2024 12:00:00 AM		
Project:				Date Received:	4/16/2024 12:00:00 AM		
Client Sample ID:	COMP-A			SDG No.:	BG042224		
Lab Sample ID:	P2147-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	4.1		
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
BG060997.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.4	U	90.4	280	340	ug/Kg
110-86-1	Pyridine	83.2	U	83.2	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	340	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	86.4	U	86.4	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.2	U	87.2	140	180	ug/Kg
95-57-8	2-Chlorophenol	87	U	87	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	88.1	U	88.1	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	89.6	U	89.6	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.1	U	90.1	140	180	ug/Kg
100-51-6	Benzyl Alcohol	86.5	U	86.5	280	340	ug/Kg
95-48-7	2-Methylphenol	84	U	84	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	94.7	U	94.7	140	180	ug/Kg
98-86-2	Acetophenone	90.5	U	90.5	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.1	U	83.1	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42	U	42	83.3	83.3	ug/Kg
67-72-1	Hexachloroethane	86.5	U	86.5	140	180	ug/Kg
98-95-3	Nitrobenzene	94.6	U	94.6	140	180	ug/Kg
78-59-1	Isophorone	88.1	U	88.1	140	180	ug/Kg
88-75-5	2-Nitrophenol	98.4	U	98.4	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.1	U	97.1	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	89.4	U	89.4	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	78.6	U	78.6	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89	U	89	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	340	ug/Kg
91-20-3	Naphthalene	86	U	86	140	180	ug/Kg
106-47-8	4-Chloroaniline	86	U	86	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	86.8	U	86.8	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	COMP-A	SDG No.:	BG042224
Lab Sample ID:	P2147-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
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
BG060997.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	90.4	U	90.4	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80.7	U	80.7	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	85.9	U	85.9	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.4	U	74.4	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.1	U	77.1	140	180	ug/Kg
92-52-4	1,1-Biphenyl	91	U	91	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	86.8	U	86.8	140	180	ug/Kg
88-74-4	2-Nitroaniline	99	U	99	140	180	ug/Kg
131-11-3	Dimethylphthalate	85.1	U	85.1	140	180	ug/Kg
208-96-8	Acenaphthylene	90.1	U	90.1	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	86.7	U	86.7	140	180	ug/Kg
99-09-2	3-Nitroaniline	92.9	U	92.9	140	180	ug/Kg
83-32-9	Acenaphthene	84.5	U	84.5	140	180	ug/Kg
Total PAH	Total PAH	1380.4	U	1380.4	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	340	ug/Kg
132-64-9	Dibenzofuran	87.9	U	87.9	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	89.8	U	89.8	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	76.5	U	176.5	140	360	ug/Kg
84-66-2	Diethylphthalate	83.4	U	83.4	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.2	U	89.2	140	180	ug/Kg
86-73-7	Fluorene	89.1	U	89.1	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85	U	85	140	180	ug/Kg
103-33-3	Azobenzene	82.9	U	82.9	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.2	U	82.2	140	180	ug/Kg
118-74-1	Hexachlorobenzene	88.5	U	88.5	140	180	ug/Kg
1912-24-9	Atrazine	95.2	U	95.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	COMP-A	SDG No.:	BG042224
Lab Sample ID:	P2147-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
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
BG060997.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	80.5	U	80.5	280	340	ug/Kg
85-01-8	Phenanthrene	87.5	U	87.5	140	180	ug/Kg
120-12-7	Anthracene	87.9	U	87.9	140	180	ug/Kg
86-74-8	Carbazole	83.6	U	83.6	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	87.8	U	87.8	140	180	ug/Kg
206-44-0	Fluoranthene	95.7	J	85.1	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	97.9	J	86.5	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	84.1	U	84.1	140	180	ug/Kg
218-01-9	Chrysene	82.8	U	82.8	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	94.8	U	94.8	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.5	J	84.5	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86	U	86	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	96.9	U	96.9	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.4	U	81.4	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84.6	U	84.6	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83.4	U	83.4	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	90.4	U	90.4	140	180	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	77.8	U	77.8	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	86.7	U	86.7	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.738		18-112		66	SPK: -150
13127-88-3	Phenol-d6	87.823		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	54.826		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	60.112		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	4/16/2024 12:00:00 AM
Project:		Date Received:	4/16/2024 12:00:00 AM
Client Sample ID:	COMP-A	SDG No.:	BG042224
Lab Sample ID:	P2147-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
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
BG060997.D	1	4/17/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.781		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	56.591		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26954	7.942				
1146-65-2	Naphthalene-d8	105615	10.738				
15067-26-2	Acenaphthene-d10	81707	14.569				
1517-22-2	Phenanthrene-d10	193409	17.319				
1719-03-5	Chrysene-d12	191509	21.579				
1520-96-3	Perylene-d12	227428	24.71				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			3.165	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	94.1	J			10.503	
000057-10-3	n-Hexadecanoic acid	270	J			18.218	
000057-11-4	Octadecanoic acid	87.9	J			19.493	
074685-30-6	5-Eicosene, (E)-	160	J			21.25	



Client:				Date Collected:	4/15/2024 12:00:00 AM	
Project:				Date Received:	4/15/2024 12:00:00 AM	
Client Sample ID:	SP-1CMS			SDG No.:	BG042224	
Lab Sample ID:	P2126-07MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	15.2	
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060998.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		100	320	390	ug/Kg
110-86-1	Pyridine	1200		94.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	480		110	150	200	ug/Kg
108-95-2	Phenol	1600		97.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		98.5	150	200	ug/Kg
95-57-8	2-Chlorophenol	1700		98.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		99.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	1500		97.7	320	390	ug/Kg
95-48-7	2-Methylphenol	1500		94.9	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		110	150	200	ug/Kg
98-86-2	Acetophenone	1700		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	1500		93.9	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	94.2	94.2	ug/Kg
67-72-1	Hexachloroethane	1800		97.7	150	200	ug/Kg
98-95-3	Nitrobenzene	1600		110	150	200	ug/Kg
78-59-1	Isophorone	1600		99.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	1700		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		88.9	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1800		100	150	200	ug/Kg
65-85-0	Benzoic acid	1700		280	320	390	ug/Kg
91-20-3	Naphthalene	3100		97.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	400		97.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	1800		98.1	150	200	ug/Kg



Client:			Date Collected:	4/15/2024 12:00:00 AM		
Project:			Date Received:	4/15/2024 12:00:00 AM		
Client Sample ID:	SP-1CMS		SDG No.:	BG042224		
Lab Sample ID:	P2126-07MS		Matrix:	Solid		
Analytical Method:	8270E		% Moisture:	15.2		
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060998.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		91.2	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	2000		97.1	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900		180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		84.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		87.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	2000		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	1900		98.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	1500		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	1600		96.2	150	200	ug/Kg
208-96-8	Acenaphthylene	1800		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		98	150	200	ug/Kg
99-09-2	3-Nitroaniline	940		110	150	200	ug/Kg
83-32-9	Acenaphthene	3000		95.5	150	200	ug/Kg
Total PAH	Total PAH	90000		1558	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		290	320	390	ug/Kg
100-02-7	4-Nitrophenol	3400	E	140	320	390	ug/Kg
132-64-9	Dibenzofuran	2400		99.4	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		198	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		100	150	200	ug/Kg
84-66-2	Diethylphthalate	1500		94.3	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		100	150	200	ug/Kg
86-73-7	Fluorene	2700		100	150	200	ug/Kg
100-01-6	4-Nitroaniline	1300		130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	930		140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		96.1	150	200	ug/Kg
103-33-3	Azobenzene	1600		93.7	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		92.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	1900		100	150	200	ug/Kg
1912-24-9	Atrazine	2000		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-1CMS	SDG No.:	BG042224
Lab Sample ID:	P2126-07MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.05	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
BG060998.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3700	E	91	320	390	ug/Kg
85-01-8	Phenanthrene	12800	E	98.9	150	200	ug/Kg
120-12-7	Anthracene	4200	E	99.4	150	200	ug/Kg
86-74-8	Carbazole	3200	E	94.5	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	1600		99.2	150	200	ug/Kg
206-44-0	Fluoranthene	12500	E	96.2	150	200	ug/Kg
92-87-5	Benzidine	1000		190	320	390	ug/Kg
129-00-0	Pyrene	10700	E	97.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	1500		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	6500	E	95	150	200	ug/Kg
218-01-9	Chrysene	6400	E	93.6	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	7500	E	95.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	4200	E	97.2	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	6300	E	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3200	E	91.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		95.6	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3300	E	94.3	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1300		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		87.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1900		98	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.252		18-112		65	SPK: -150
13127-88-3	Phenol-d6	83.618		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	58.291		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	61.778		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-1CMS	SDG No.:	BG042224
Lab Sample ID:	P2126-07MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060998.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.957		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	53.076		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30026	7.943				
1146-65-2	Naphthalene-d8	109973	10.74				
15067-26-2	Acenaphthene-d10	85014	14.576				
1517-22-2	Phenanthrene-d10	197046	17.326				
1719-03-5	Chrysene-d12	206964	21.597				
1520-96-3	Perylene-d12	234016	24.723				

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-1CMSD	SDG No.:	BG042224
Lab Sample ID:	P2126-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BG060999.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		100	320	390	ug/Kg
110-86-1	Pyridine	1200		94.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	480		110	150	200	ug/Kg
108-95-2	Phenol	1600		97.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		98.6	150	200	ug/Kg
95-57-8	2-Chlorophenol	1700		98.4	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		99.7	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	1500		97.8	320	390	ug/Kg
95-48-7	2-Methylphenol	1500		95	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		110	150	200	ug/Kg
98-86-2	Acetophenone	1700		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	1500		94	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.5	94.2	94.2	ug/Kg
67-72-1	Hexachloroethane	1800		97.8	150	200	ug/Kg
98-95-3	Nitrobenzene	1600		110	150	200	ug/Kg
78-59-1	Isophorone	1600		99.7	150	200	ug/Kg
88-75-5	2-Nitrophenol	1700		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		88.9	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		100	150	200	ug/Kg
65-85-0	Benzoic acid	1700		280	320	390	ug/Kg
91-20-3	Naphthalene	3100		97.3	150	200	ug/Kg
106-47-8	4-Chloroaniline	450		97.3	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	1800		98.1	150	200	ug/Kg



Client:				Date Collected:	4/15/2024 12:00:00 AM	
Project:				Date Received:	4/15/2024 12:00:00 AM	
Client Sample ID:	SP-1CMSD			SDG No.:	BG042224	
Lab Sample ID:	P2126-07MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	15.2	
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
BG060999.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		91.3	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	2000		97.2	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		84.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		87.2	150	200	ug/Kg
92-52-4	1,1-Biphenyl	2000		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	1900		98.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	1600		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	1500		96.2	150	200	ug/Kg
208-96-8	Acenaphthylene	1800		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		98	150	200	ug/Kg
99-09-2	3-Nitroaniline	1000		110	150	200	ug/Kg
83-32-9	Acenaphthene	3000		95.5	150	200	ug/Kg
Total PAH	Total PAH	90800		1558.9	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		290	320	390	ug/Kg
100-02-7	4-Nitrophenol	3500	E	140	320	390	ug/Kg
132-64-9	Dibenzofuran	2400		99.4	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		198	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		100	150	200	ug/Kg
84-66-2	Diethylphthalate	1500		94.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		100	150	200	ug/Kg
86-73-7	Fluorene	2800		100	150	200	ug/Kg
100-01-6	4-Nitroaniline	1400		130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	810		140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		96.1	150	200	ug/Kg
103-33-3	Azobenzene	1600		93.8	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		92.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	1900		100	150	200	ug/Kg
1912-24-9	Atrazine	2000		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-1CMSD	SDG No.:	BG042224
Lab Sample ID:	P2126-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BG060999.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3800	E	91.1	320	390	ug/Kg
85-01-8	Phenanthrene	12900	E	99	150	200	ug/Kg
120-12-7	Anthracene	4100	E	99.4	150	200	ug/Kg
86-74-8	Carbazole	3200	E	94.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	1600		99.3	150	200	ug/Kg
206-44-0	Fluoranthene	13000	E	96.2	150	200	ug/Kg
92-87-5	Benzidine	1300		190	320	390	ug/Kg
129-00-0	Pyrene	11300	E	97.8	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	1600		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	6900	E	95.1	150	200	ug/Kg
218-01-9	Chrysene	6700	E	93.7	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	7400	E	95.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	4100	E	97.3	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	6100	E	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3000		92	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		95.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2900		94.4	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1300		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		88	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1900		98	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.103		18-112		64	SPK: -150
13127-88-3	Phenol-d6	84.674		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	58.814		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	61.254		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	SP-1CMSD	SDG No.:	BG042224
Lab Sample ID:	P2126-07MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.2
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
BG060999.D	1	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.646		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	54.693		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27435	7.944				
1146-65-2	Naphthalene-d8	98634	10.741				
15067-26-2	Acenaphthene-d10	76091	14.571				
1517-22-2	Phenanthrene-d10	183385	17.321				
1719-03-5	Chrysene-d12	188604	21.593				
1520-96-3	Perylene-d12	229469	24.724				



Client:				Date Collected:	4/15/2024 12:00:00 AM	
Project:				Date Received:	4/15/2024 12:00:00 AM	
Client Sample ID:	B-131-SB01DL			SDG No.:	BG042224	
Lab Sample ID:	P2124-01DL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	21.1	
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061000.D	10	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100	U	1100	3400	4200	ug/Kg
110-86-1	Pyridine	1000	U	1000	1600	2200	ug/Kg
100-52-7	Benzaldehyde	2300	U	2300	3400	4200	ug/Kg
62-53-3	Aniline	1200	U	1200	1600	2200	ug/Kg
108-95-2	Phenol	1000	U	1000	1600	2200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100	U	1100	1600	2200	ug/Kg
95-57-8	2-Chlorophenol	1100	U	1100	1600	2200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100	U	1100	1600	2200	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100	U	1100	1600	2200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100	U	1100	1600	2200	ug/Kg
100-51-6	Benzyl Alcohol	1100	U	1100	3400	4200	ug/Kg
95-48-7	2-Methylphenol	1000	U	1000	1600	2200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200	U	1200	1600	2200	ug/Kg
98-86-2	Acetophenone	1100	U	1100	1600	2200	ug/Kg
65794-96-9	3+4-Methylphenols	1000	U	1000	3400	4200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	510	U	510	1000	1000	ug/Kg
67-72-1	Hexachloroethane	1100	U	1100	1600	2200	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1600	2200	ug/Kg
78-59-1	Isophorone	1100	U	1100	1600	2200	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1600	2200	ug/Kg
105-67-9	2,4-Dimethylphenol	1200	U	1200	1600	2200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100	U	1100	1600	2200	ug/Kg
120-83-2	2,4-Dichlorophenol	960	U	960	1600	2200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100	U	1100	1600	2200	ug/Kg
65-85-0	Benzoic acid	3000	U	3000	3400	4200	ug/Kg
91-20-3	Naphthalene	1000	U	1000	1600	2200	ug/Kg
106-47-8	4-Chloroaniline	1000	U	1000	1600	2200	ug/Kg
87-68-3	Hexachlorobutadiene	1100	U	1100	1600	2200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	B-131-SB01DL	SDG No.:	BG042224
Lab Sample ID:	P2124-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061000.D	10	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100	U	1100	3400	4200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980	U	980	1600	2200	ug/Kg
91-57-6	2-Methylnaphthalene	2600	D	1000	1600	2200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	U	2000	3400	4200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	900	U	900	1600	2200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	940	U	940	1600	2200	ug/Kg
92-52-4	1,1-Biphenyl	1100	U	1100	1600	2200	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	1100	1600	2200	ug/Kg
88-74-4	2-Nitroaniline	1200	U	1200	1600	2200	ug/Kg
131-11-3	Dimethylphthalate	1000	U	1000	1600	2200	ug/Kg
208-96-8	Acenaphthylene	1100	U	1100	1600	2200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100	U	1100	1600	2200	ug/Kg
99-09-2	3-Nitroaniline	1100	U	1100	1600	2200	ug/Kg
83-32-9	Acenaphthene	9800	D	1000	1600	2200	ug/Kg
Total PAH	Total PAH	61200	D	16690	1600	35200	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	U	3100	3400	4200	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3400	4200	ug/Kg
132-64-9	Dibenzofuran	7000	D	1100	1600	2200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200	U	2200	1600	4400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1600	2200	ug/Kg
84-66-2	Diethylphthalate	1000	U	1000	1600	2200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	1600	2200	ug/Kg
86-73-7	Fluorene	9300	D	1100	1600	2200	ug/Kg
100-01-6	4-Nitroaniline	1400	U	1400	1600	2200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500	U	1500	3400	4200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000	U	1000	1600	2200	ug/Kg
103-33-3	Azobenzene	1000	U	1000	1600	2200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000	U	1000	1600	2200	ug/Kg
118-74-1	Hexachlorobenzene	1100	U	1100	1600	2200	ug/Kg
1912-24-9	Atrazine	1200	U	1200	1600	2200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	B-131-SB01DL	SDG No.:	BG042224
Lab Sample ID:	P2124-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061000.D	10	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	980	U	980	3400	4200	ug/Kg
85-01-8	Phenanthrene	19700	D	1100	1600	2200	ug/Kg
120-12-7	Anthracene	6600	D	1100	1600	2200	ug/Kg
86-74-8	Carbazole	1000	U	1000	1600	2200	ug/Kg
84-74-2	Di-n-butylphthalate	1100	U	1100	1600	2200	ug/Kg
206-44-0	Fluoranthene	8100	D	1000	1600	2200	ug/Kg
92-87-5	Benzidine	2100	U	2100	3400	4200	ug/Kg
129-00-0	Pyrene	5300	D	1100	1600	2200	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1600	2200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200	U	1200	3400	4200	ug/Kg
56-55-3	Benzo(a)anthracene	1300	JD	1000	1600	2200	ug/Kg
218-01-9	Chrysene	1100	JD	1000	1600	2200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	1600	2200	ug/Kg
117-84-0	Di-n-octyl phthalate	1400	U	1400	3400	4200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000	U	1000	1600	2200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000	U	1000	1600	2200	ug/Kg
50-32-8	Benzo(a)pyrene	1200	U	1200	1600	2200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	990	U	990	1600	2200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000	U	1000	1600	2200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000	U	1000	1600	2200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	1100	1600	2200	ug/Kg
123-91-1	1,4-Dioxane	1400	U	1400	1600	2200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950	U	950	1600	2200	ug/Kg
90-12-0	1-Methylnaphthalene	3100	D	1100	2200	2200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.65		18-112		63	SPK: -150
13127-88-3	Phenol-d6	81.78		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	56		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	58.02		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	B-131-SB01DL	SDG No.:	BG042224
Lab Sample ID:	P2124-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061000.D	10	4/16/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.78		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	51.47		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24898	7.942				
1146-65-2	Naphthalene-d8	90372	10.738				
15067-26-2	Acenaphthene-d10	69877	14.569				
1517-22-2	Phenanthrene-d10	159288	17.319				
1719-03-5	Chrysene-d12	164690	21.579				
1520-96-3	Perylene-d12	189027	24.71				

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	CL-01-041824	SDG No.:	BG042224
Lab Sample ID:	P2194-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061001.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.1	U	58.1	180	220	ug/Kg
110-86-1	Pyridine	53.5	U	53.5	87	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.8	U	64.8	87	110	ug/Kg
108-95-2	Phenol	55.5	U	55.5	87	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	56	87	110	ug/Kg
95-57-8	2-Chlorophenol	55.9	U	55.9	87	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.6	U	56.6	87	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.6	U	57.6	87	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.9	U	57.9	87	110	ug/Kg
100-51-6	Benzyl Alcohol	55.5	U	55.5	180	220	ug/Kg
95-48-7	2-Methylphenol	53.9	U	53.9	87	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.8	U	60.8	87	110	ug/Kg
98-86-2	Acetophenone	58.2	U	58.2	87	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.4	U	53.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27	U	27	53.5	53.5	ug/Kg
67-72-1	Hexachloroethane	55.5	U	55.5	87	110	ug/Kg
98-95-3	Nitrobenzene	60.8	U	60.8	87	110	ug/Kg
78-59-1	Isophorone	56.6	U	56.6	87	110	ug/Kg
88-75-5	2-Nitrophenol	63.2	U	63.2	87	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.4	U	62.4	87	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.4	U	57.4	87	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.5	U	50.5	87	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.2	U	57.2	87	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.3	U	55.3	87	110	ug/Kg
106-47-8	4-Chloroaniline	55.3	U	55.3	87	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.7	U	55.7	87	110	ug/Kg



Client:				Date Collected:	4/18/2024 12:00:00 AM	
Project:				Date Received:	4/18/2024 12:00:00 AM	
Client Sample ID:	CL-01-041824			SDG No.:	BG042224	
Lab Sample ID:	P2194-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	10.4	
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
BG061001.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.1	U	58.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.9	U	51.9	87	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.2	U	55.2	87	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.8	U	47.8	87	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.5	U	49.5	87	110	ug/Kg
92-52-4	1,1-Biphenyl	58.5	U	58.5	87	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.7	U	55.7	87	110	ug/Kg
88-74-4	2-Nitroaniline	63.6	U	63.6	87	110	ug/Kg
131-11-3	Dimethylphthalate	54.7	U	54.7	87	110	ug/Kg
208-96-8	Acenaphthylene	57.9	U	57.9	87	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.7	U	55.7	87	110	ug/Kg
99-09-2	3-Nitroaniline	59.7	U	59.7	87	110	ug/Kg
83-32-9	Acenaphthene	54.3	U	54.3	87	110	ug/Kg
Total PAH	Total PAH	886.8	U	886.8	87	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.6	U	77.6	180	220	ug/Kg
132-64-9	Dibenzofuran	56.5	U	56.5	87	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.7	U	57.7	87	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.4	U	113.4	87	220	ug/Kg
84-66-2	Diethylphthalate	53.6	U	53.6	87	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.3	U	57.3	87	110	ug/Kg
86-73-7	Fluorene	57.2	U	57.2	87	110	ug/Kg
100-01-6	4-Nitroaniline	71.6	U	71.6	87	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.3	U	78.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.6	U	54.6	87	110	ug/Kg
103-33-3	Azobenzene	53.3	U	53.3	87	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.8	U	52.8	87	110	ug/Kg
118-74-1	Hexachlorobenzene	56.9	U	56.9	87	110	ug/Kg
1912-24-9	Atrazine	61.2	U	61.2	87	110	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	CL-01-041824	SDG No.:	BG042224
Lab Sample ID:	P2194-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BG061001.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.7	U	51.7	180	220	ug/Kg
85-01-8	Phenanthrene	56.2	U	56.2	87	110	ug/Kg
120-12-7	Anthracene	56.5	U	56.5	87	110	ug/Kg
86-74-8	Carbazole	53.7	U	53.7	87	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.4	U	56.4	87	110	ug/Kg
206-44-0	Fluoranthene	55.5	J	54.7	87	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	58.3	J	55.5	87	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.8	U	64.8	87	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54	U	54	87	110	ug/Kg
218-01-9	Chrysene	53.2	U	53.2	87	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.9	U	60.9	87	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.6	U	73.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.3	U	54.3	87	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.3	U	55.3	87	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.2	U	62.2	87	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.3	U	52.3	87	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.3	U	54.3	87	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.6	U	53.6	87	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.1	U	58.1	87	110	ug/Kg
123-91-1	1,4-Dioxane	73.6	U	73.6	87	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	87	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.7	U	55.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.599		18-112		65	SPK: -150
13127-88-3	Phenol-d6	86.571		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	58.962		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	61.754		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	CL-01-041824	SDG No.:	BG042224
Lab Sample ID:	P2194-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.4
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
BG061001.D	1	4/19/2024 12:00:00 AM	4/22/2024 12:00:00 AM	PB160393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.333		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	56.757		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28042	7.941				
1146-65-2	Naphthalene-d8	99947	10.738				
15067-26-2	Acenaphthene-d10	75529	14.569				
1517-22-2	Phenanthrene-d10	182127	17.319				
1719-03-5	Chrysene-d12	183600	21.578				
1520-96-3	Perylene-d12	181568	24.71				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown3.165	91.5	J			3.165	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	73.6	J			10.503	
	unknown14.792	390	J			14.792	
000112-39-0	Hexadecanoic acid, methyl ester	100	J			18	
000057-10-3	n-Hexadecanoic acid	290	J			18.224	
056599-58-7	8,11-Octadecadienoic acid, methyl	69.4	J			19.134	
052380-33-3	11-Octadecenoic acid, methyl ester	130	J			19.169	
000112-61-8	Methyl stearate	60	J			19.305	
000057-11-4	Octadecanoic acid	93.7	J			19.499	
018835-33-1	1-Hexacosene	120	J			21.249	

Hit Summary Sheet SW-846

SDG No.: BG042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-131-SB01DL								
P2124-01DL	B-131-SB01DL	Solid	1-Methylnaphthalene	3,100.000	D	1100	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	2-Methylnaphthalene	2,600.000	D	1000	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	Acenaphthene	9,800.000	D	1000	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	Anthracene	6,600.000	D	1100	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	Benzo(a)anthracene	1,300.000	JD	1000	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	Chrysene	1,100.000	JD	1000	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	Dibenzofuran	7,000.000	D	1100	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	Fluoranthene	8,100.000	D	1000	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	Fluorene	9,300.000	D	1100	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	Phenanthrene	19,700.000	D	1100	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	Pyrene	5,300.000	D	1100	2200	ug/Kg
P2124-01DL	B-131-SB01DL	Solid	Total PAH	61,200.000	D	16690	35200	ug/Kg
Total Svoc :				135,100.00				
Total Concentration:				135,100.00				
Client ID : SP-1C								
P2126-07	SP-1C	Solid	1,1-Binaphthalene, 2,2-dibromo-	* 720.000	J			
P2126-07	SP-1C	Solid	1H-Cyclopropa[1]phenanthrene, 1a	* 380.000	J			
P2126-07	SP-1C	Solid	4H-Cyclopenta[def]phenanthrene	* 1,900.000	J			
P2126-07	SP-1C	Solid	9,10-Anthracenedione	* 950.000	J			
P2126-07	SP-1C	Solid	9H-Fluoren-9-one	* 600.000	J			
P2126-07	SP-1C	Solid	9H-Fluorene, 2-methyl-	* 250.000	J			
P2126-07	SP-1C	Solid	Anthracene, 2-methyl-	* 340.000	J			
P2126-07	SP-1C	Solid	Benzo[e]pyrene	* 3,500.000	J			
P2126-07	SP-1C	Solid	Benzo[j]fluoranthene	* 1,500.000	J			
P2126-07	SP-1C	Solid	Cyclopenta(def)phenanthrenone	* 520.000	J			
P2126-07	SP-1C	Solid	Dibenzo[a,e]cyclooctene	* 240.000	J			
P2126-07	SP-1C	Solid	Dibenzofuran, 4-methyl-	* 230.000	J			
P2126-07	SP-1C	Solid	Dibenzothiophene, 3-methyl-	* 180.000	J			
P2126-07	SP-1C	Solid	Dinaphtho[1,2-b:1,2-d]furan	* 200.000	J			
P2126-07	SP-1C	Solid	Naphthalene, 2,7-dimethyl-	* 200.000	J			
P2126-07	SP-1C	Solid	Naphthalene, 2-phenyl-	* 800.000	J			
P2126-07	SP-1C	Solid	Naphthalic anhydride	* 440.000	J			
P2126-07	SP-1C	Solid	Naphtho[2,3-b]thiophene	* 850.000	J			
P2126-07	SP-1C	Solid	Phenanthrene, 1-methyl-	* 1,300.000	J			
P2126-07	SP-1C	Solid	Phenanthrene, 2-methyl-	* 940.000	J			
Total Tics :				16,040.00				
P2126-07	SP-1C	Solid	1,1-Biphenyl	150.000	J	100	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2126-07	SP-1C	Solid	1-Methylnaphthalene	390.000		97.8	200	ug/Kg
P2126-07	SP-1C	Solid	2-Methylnaphthalene	540.000		97	200	ug/Kg
P2126-07	SP-1C	Solid	Acenaphthene	1,500.000		95.4	200	ug/Kg
P2126-07	SP-1C	Solid	Anthracene	2,600.000		99.2	200	ug/Kg
P2126-07	SP-1C	Solid	Benzo(a)anthracene	5,500.000	E	94.9	200	ug/Kg
P2126-07	SP-1C	Solid	Benzo(a)pyrene	4,700.000	E	110	200	ug/Kg
P2126-07	SP-1C	Solid	Benzo(b)fluoranthene	6,400.000	E	95.4	200	ug/Kg
P2126-07	SP-1C	Solid	Benzo(g,h,i)perylene	2,300.000		94.2	200	ug/Kg
P2126-07	SP-1C	Solid	Benzo(k)fluoranthene	2,300.000		97.1	200	ug/Kg
P2126-07	SP-1C	Solid	Carbazole	1,600.000		94.4	200	ug/Kg
P2126-07	SP-1C	Solid	Chrysene	5,200.000	E	93.5	200	ug/Kg
P2126-07	SP-1C	Solid	Dibenzo(a,h)anthracene	560.000		95.5	200	ug/Kg
P2126-07	SP-1C	Solid	Dibenzofuran	870.000		99.2	200	ug/Kg
P2126-07	SP-1C	Solid	Fluoranthene	11,900.000	E	96.1	200	ug/Kg
P2126-07	SP-1C	Solid	Fluorene	1,200.000		100	200	ug/Kg
P2126-07	SP-1C	Solid	Indeno(1,2,3-cd)pyrene	2,000.000		91.8	200	ug/Kg
P2126-07	SP-1C	Solid	Naphthalene	1,600.000		97.1	200	ug/Kg
P2126-07	SP-1C	Solid	Phenanthrene	12,000.000	E	98.8	200	ug/Kg
P2126-07	SP-1C	Solid	Pyrene	10,400.000	E	97.6	200	ug/Kg
P2126-07	SP-1C	Solid	Total PAH	70,160.000		1556.6	3200	ug/Kg

Total Svoc : 143,870.00

Total Concentration: 159,910.00

Client ID : SP-2-FRONT

P2127-01	SP-2-FRONT	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J
P2127-01	SP-2-FRONT	Solid	4H-1-Benzopyran-4-one, 8-metho	*	350.000	J
P2127-01	SP-2-FRONT	Solid	4H-Cyclopenta[def]phenanthrene	*	690.000	J
P2127-01	SP-2-FRONT	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	290.000	J
P2127-01	SP-2-FRONT	Solid	9,10-Anthracenedione	*	250.000	J
P2127-01	SP-2-FRONT	Solid	9H-Fluoren-9-one	*	170.000	J
P2127-01	SP-2-FRONT	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	160.000	J
P2127-01	SP-2-FRONT	Solid	Anthracene, 2-methyl-	*	180.000	J
P2127-01	SP-2-FRONT	Solid	Benzo[e]pyrene	*	940.000	J
P2127-01	SP-2-FRONT	Solid	Butane, 2-methoxy-2-methyl-	*	270.000	J
P2127-01	SP-2-FRONT	Solid	Cyclopenta(def)phenanthrenone	*	210.000	J
P2127-01	SP-2-FRONT	Solid	Dibenzothiophene	*	170.000	J
P2127-01	SP-2-FRONT	Solid	Perylene	*	250.000	J
P2127-01	SP-2-FRONT	Solid	Phenanthrene, 1-methyl-	*	360.000	J
P2127-01	SP-2-FRONT	Solid	Phenanthrene, 2,5-dimethyl-	*	220.000	J
P2127-01	SP-2-FRONT	Solid	Phenanthrene, 2-methyl-	*	660.000	J
P2127-01	SP-2-FRONT	Solid	Phenanthrene, 4-methyl-	*	170.000	J

Hit Summary Sheet SW-846

SDG No.: BG042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2127-01	SP-2-FRONT	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2127-01	SP-2-FRONT	Solid	unknown19.169	*	150.000	J		
P2127-01	SP-2-FRONT	Solid	unknown21.249	*	110.000	J		
P2127-01	SP-2-FRONT	Solid	1-Butanol	*	1,900.000	J		
P2127-01	SP-2-FRONT	Solid	2-Hexenal, 2-ethyl-	*	2,600.000	J		
P2127-01	SP-2-FRONT	Solid	Acetic acid, butyl ester	*	420.000	J		
P2127-01	SP-2-FRONT	Solid	Butane, 2-methoxy-2-methyl-	*	510.000	J		
P2127-01	SP-2-FRONT	Solid	Butanoic acid, hexyl ester	*	4,900.000	J		
P2127-01	SP-2-FRONT	Solid	Di-tert-butyl disulfide	*	700.000	J		
P2127-01	SP-2-FRONT	Solid	Disulfide, (1-methylethyl) (1,1-di	*	2,200.000	J		
P2127-01	SP-2-FRONT	Solid	Disulfide, bis(1-methylethyl)	*	1,000.000	J		
P2127-01	SP-2-FRONT	Solid	Disulfide, dipropyl	*	1,600.000	J		
P2127-01	SP-2-FRONT	Solid	Propane, 2-methyl-2-[(1-methylet	*	970.000	J		
P2127-01	SP-2-FRONT	Solid	t-Butyl n-propyl sulfide	*	1,100.000	J		
P2127-01	SP-2-FRONT	Solid	Toluene	*	350.000	J		
P2127-01	SP-2-FRONT	Solid	unknown10.085	*	690.000	J		
P2127-01	SP-2-FRONT	Solid	unknown10.625	*	4,200.000	J		
P2127-01	SP-2-FRONT	Solid	unknown11.401	*	470.000	J		
P2127-01	SP-2-FRONT	Solid	unknown12.100	*	4,600.000	J		
P2127-01	SP-2-FRONT	Solid	unknown12.594	*	4,200.000	J		
P2127-01	SP-2-FRONT	Solid	unknown6.847	*	700.000	J		
P2127-01	SP-2-FRONT	Solid	unknown9.409	*	1,000.000	J		
Total Tics :				39,930.00				
P2127-01	SP-2-FRONT	Solid	Acenaphthene		310.000	90.5	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Anthracene		710.000	94.2	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Benzo(a)anthracene		1,600.000	90.1	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Benzo(a)pyrene		1,300.000	100	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Benzo(b)fluoranthene		1,800.000	90.5	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Benzo(g,h,i)perylene		800.000	89.4	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Benzo(k)fluoranthene		640.000	92.2	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Carbazole		450.000	89.6	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Chrysene		1,500.000	88.7	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Dibenzo(a,h)anthracene		220.000	90.6	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Dibenzofuran		200.000	94.2	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Fluoranthene		3,600.000	E 91.2	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Fluorene		340.000	95.4	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Indeno(1,2,3-cd)pyrene		700.000	87.2	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Phenanthrene		3,300.000	E 93.8	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Pyrene		2,700.000	92.6	190	ug/Kg
P2127-01	SP-2-FRONT	Solid	Total PAH		19,520.000	1475.2	3040	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	39,690.00				
			Total Concentration:	79,620.00				
Client ID : SP-2-BACK								
P2127-04	SP-2-BACK	Solid	11H-Benzo[a]fluoren-11-one	*	98.200	J		
P2127-04	SP-2-BACK	Solid	1a,9b-Dihydro-1H-cyclopropa[a]a	*	140.000	J		
P2127-04	SP-2-BACK	Solid	4H-Cyclopenta[def]phenanthrene	*	570.000	J		
P2127-04	SP-2-BACK	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	230.000	J		
P2127-04	SP-2-BACK	Solid	5-Methoxyflavone	*	330.000	J		
P2127-04	SP-2-BACK	Solid	7H-Benz[de]anthracen-7-one	*	120.000	J		
P2127-04	SP-2-BACK	Solid	9,10-Anthracenedione	*	290.000	J		
P2127-04	SP-2-BACK	Solid	9H-Fluoren-9-one	*	150.000	J		
P2127-04	SP-2-BACK	Solid	Anthracene, 2-methyl-	*	580.000	J		
P2127-04	SP-2-BACK	Solid	Benzo[b]naphtho[2,3-d]thiophene	*	120.000	J		
P2127-04	SP-2-BACK	Solid	Benzo[e]pyrene	*	1,300.000	J		
P2127-04	SP-2-BACK	Solid	Butane, 2-methoxy-2-methyl-	*	240.000	J		
P2127-04	SP-2-BACK	Solid	Cyclopenta(def)phenanthrenone	*	280.000	J		
P2127-04	SP-2-BACK	Solid	Cyclopenta[cd]pyrene	*	130.000	J		
P2127-04	SP-2-BACK	Solid	Naphtho[2,1-b]thiophene	*	130.000	J		
P2127-04	SP-2-BACK	Solid	Perylene	*	580.000	J		
P2127-04	SP-2-BACK	Solid	Phenanthrene, 1-methyl-	*	320.000	J		
P2127-04	SP-2-BACK	Solid	Phenanthrene, 2,3-dimethyl-	*	230.000	J		
P2127-04	SP-2-BACK	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
P2127-04	SP-2-BACK	Solid	unknown19.171	*	100.000	J		
			Total Tics :	6,078.20				
P2127-04	SP-2-BACK	Solid	Acenaphthene		160.000	J	90.8	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Anthracene		420.000		94.5	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Benzo(a)anthracene		1,800.000		90.4	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Benzo(a)pyrene		1,700.000		100	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Benzo(b)fluoranthene		2,400.000		90.8	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Benzo(g,h,i)perylene		990.000		89.7	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Benzo(k)fluoranthene		800.000		92.5	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Butylbenzylphthalate		160.000	J	110	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Carbazole		260.000		89.9	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Chrysene		1,700.000		89	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Dibenzo(a,h)anthracene		270.000		90.9	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Fluoranthene		3,600.000	E	91.5	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Fluorene		140.000	J	95.7	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Indeno(1,2,3-cd)pyrene		920.000		87.5	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Phenanthrene		2,000.000		94.1	190 ug/Kg
P2127-04	SP-2-BACK	Solid	Pyrene		3,000.000	E	92.9	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2127-04	SP-2-BACK	Solid	Total PAH	19,900.000		1479.7	3040	ug/Kg
Total Svoc :				40,220.00				
Total Concentration:				46,298.20				
Client ID : COMP-A								
P2147-01	COMP-A	Solid	5-Eicosene, (E)-	*	160.000	J		
P2147-01	COMP-A	Solid	Butane, 2-methoxy-2-methyl-	*	190.000	J		
P2147-01	COMP-A	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	94.100	J		
P2147-01	COMP-A	Solid	n-Hexadecanoic acid	*	270.000	J		
P2147-01	COMP-A	Solid	Octadecanoic acid	*	87.900	J		
Total Tics :				802.00				
P2147-01	COMP-A	Solid	Benzo(b)fluoranthene		90.500	J 84.5	180	ug/Kg
P2147-01	COMP-A	Solid	Fluoranthene		95.700	J 85.1	180	ug/Kg
P2147-01	COMP-A	Solid	Pyrene		97.900	J 86.5	180	ug/Kg
Total Svoc :				284.10				
Total Concentration:				1,086.10				
Client ID : COMP-B								
P2147-02	COMP-B	Solid	1-Tetradecanamine, N,N-dimethyl	*	180.000	J		
P2147-02	COMP-B	Solid	2-Pentanol, 4-methyl-	*	170.000	J		
P2147-02	COMP-B	Solid	Butane, 2-methoxy-2-methyl-	*	190.000	J		
P2147-02	COMP-B	Solid	Cetene	*	110.000	J		
P2147-02	COMP-B	Solid	Tridecanoic acid	*	120.000	J		
P2147-02	COMP-B	Solid	unknown14.514	*	610.000	J		
Total Tics :				1,380.00				
P2147-02	COMP-B	Solid	Benzo(b)fluoranthene		97.100	J 84.4	180	ug/Kg
P2147-02	COMP-B	Solid	Fluoranthene		150.000	J 85	180	ug/Kg
P2147-02	COMP-B	Solid	Pyrene		140.000	J 86.4	180	ug/Kg
Total Svoc :				387.10				
Total Concentration:				1,767.10				
Client ID : COMP-C								
P2147-03	COMP-C	Solid	1-Tetracosene	*	130.000	J		
P2147-03	COMP-C	Solid	Butane, 2-methoxy-2-methyl-	*	180.000	J		
P2147-03	COMP-C	Solid	Cyclopropane, propyl-	*	170.000	J		
P2147-03	COMP-C	Solid	Pentadecanoic acid	*	270.000	J		
P2147-03	COMP-C	Solid	unknown3.683	*	130.000	J		
Total Tics :				880.00				
P2147-03	COMP-C	Solid	Benzo(a)anthracene		160.000	J 87.2	180	ug/Kg
P2147-03	COMP-C	Solid	Benzo(a)pyrene		140.000	J 100	180	ug/Kg
P2147-03	COMP-C	Solid	Benzo(b)fluoranthene		200.000	J 87.6	180	ug/Kg
P2147-03	COMP-C	Solid	Chrysene		160.000	J 85.9	180	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG042224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2147-03	COMP-C	Solid	Fluoranthene	290.000		88.2	180	ug/Kg
P2147-03	COMP-C	Solid	Phenanthrene	110.000	J	90.7	180	ug/Kg
P2147-03	COMP-C	Solid	Pyrene	260.000		89.6	180	ug/Kg
Total Svoc :				1,320.00				
Total Concentration:				2,200.00				
Client ID : 72-11935DL								
P2148-01DL	72-11935DL	Solid	Bis(2-ethylhexyl)phthalate	197,400.000	D	15700	29300	ug/Kg
Total Svoc :				197,400.00				
Total Concentration:				197,400.00				
Client ID : CONCRETE-VAULT								
P2189-01	CONCRETE-VAULT	Solid	Anthracene	68.000	J	50.6	100	ug/Kg
P2189-01	CONCRETE-VAULT	Solid	Benzo(a)anthracene	180.000		48.4	100	ug/Kg
P2189-01	CONCRETE-VAULT	Solid	Benzo(a)pyrene	97.700	J	55.7	100	ug/Kg
P2189-01	CONCRETE-VAULT	Solid	Benzo(b)fluoranthene	130.000		48.6	100	ug/Kg
P2189-01	CONCRETE-VAULT	Solid	Chrysene	150.000		47.6	100	ug/Kg
P2189-01	CONCRETE-VAULT	Solid	Fluoranthene	420.000		49	100	ug/Kg
P2189-01	CONCRETE-VAULT	Solid	Phenanthrene	300.000		50.3	100	ug/Kg
P2189-01	CONCRETE-VAULT	Solid	Pyrene	330.000		49.7	100	ug/Kg
Total Svoc :				1,675.70				
Total Concentration:				1,675.70				
Client ID : CL-01-041824								
P2194-01	CL-01-041824	Solid	1-Hexacosene	*	120.000	J		
P2194-01	CL-01-041824	Solid	11-Octadecenoic acid, methyl este	*	130.000	J		
P2194-01	CL-01-041824	Solid	8,11-Octadecadienoic acid, methy	*	69.400	J		
P2194-01	CL-01-041824	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	73.600	J		
P2194-01	CL-01-041824	Solid	Hexadecanoic acid, methyl ester	*	100.000	J		
P2194-01	CL-01-041824	Solid	Methyl stearate	*	60.000	J		
P2194-01	CL-01-041824	Solid	n-Hexadecanoic acid	*	290.000	J		
P2194-01	CL-01-041824	Solid	Octadecanoic acid	*	93.700	J		
P2194-01	CL-01-041824	Solid	unknown14.792	*	390.000	J		
P2194-01	CL-01-041824	Solid	unknown3.165	*	91.500	J		
Total Tics :				1,418.20				
P2194-01	CL-01-041824	Solid	Fluoranthene	55.500	J	54.7	110	ug/Kg
P2194-01	CL-01-041824	Solid	Pyrene	58.300	J	55.5	110	ug/Kg
Total Svoc :				113.80				
Total Concentration:				1,532.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG042024 SAS No.: BG042024 SDG No.: BG042024
Instrument ID: _____ Calibration Date(s): 4/20/2024 : _____
Calibration Time(s): 16:57 : _____

LAB FILE ID:		RRF2.5 = BG060971.D			RRF005 = BG060972.D		RRF010 = BG060973.D	
		RRF020 = BG060974.D			RRF040 = BG060975.D		RRF050 = BG060976.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.948	0.937	1.023	0.943	0.948	0.951	4.2
Pyridine		1.060	1.078	1.121	1.027	1.053	1.058	3.7
2-Fluorophenol		0.981	0.994	1.079	0.958	0.991	0.989	4.7
Benzaldehyde		0.825	0.773	0.859	0.706	0.735	0.755	9.1
Aniline		1.743	1.716	1.931	1.743	1.785	1.763	4.7
Phenol-d6		1.497	1.321	1.538	1.467	1.503	1.467	5.0
Phenol		1.424	1.417	1.544	1.447	1.464	1.458	3.5
bis(2-Chloroethyl)ether		1.115	0.986	1.125	1.007	1.020	1.043	5.5
2-Chlorophenol		1.250	1.271	1.287	1.178	1.224	1.232	3.4
1,2-Dichlorobenzene		1.373	1.375	1.461	1.342	1.367	1.375	3.2
1,3-Dichlorobenzene		1.430	1.288	1.524	1.315	1.364	1.366	6.2
1,4-Dichlorobenzene		1.451	1.367	1.564	1.364	1.375	1.407	5.8
Benzyl Alcohol		1.365	1.345	1.519	1.347	1.376	1.385	4.6
2-Methylphenol		1.093	1.140	1.265	1.174	1.198	1.177	4.9
2,2-oxybis(1-Chloropropane)		2.347	2.162	2.437	2.213	2.239	2.270	4.5
Acetophenone		0.581	0.562	0.576	0.521	0.563	0.558	3.8
3+4-Methylphenols		1.677	1.552	1.811	1.588	1.680	1.646	5.6
n-Nitroso-di-n-propylamine	1.148	1.080	1.002	1.213	1.050	1.106	1.093	6.2
Nitrobenzene-d5		0.435	0.449	0.451	0.422	0.460	0.445	2.9
Hexachloroethane		0.524	0.455	0.542	0.506	0.504	0.507	5.5
Nitrobenzene		0.432	0.421	0.433	0.407	0.441	0.428	2.6
Isophorone		0.738	0.761	0.797	0.704	0.739	0.745	4.2
2-Nitrophenol		0.184	0.210	0.217	0.192	0.208	0.201	5.7
2,4-Dimethylphenol		0.322	0.336	0.337	0.296	0.328	0.322	4.3
bis(2-Chloroethoxy)methane		0.386	0.406	0.416	0.360	0.392	0.392	4.7
2,4-Dichlorophenol		0.360	0.406	0.372	0.350	0.380	0.372	4.8
1,2,4-Trichlorobenzene		0.422	0.398	0.420	0.386	0.424	0.410	3.6
Benzoic acid		0.204	0.199	0.253	0.243	0.271	0.246	13.4
Naphthalene		1.153	1.116	1.092	1.023	1.108	1.095	3.9
4-Chloroaniline		0.497	0.523	0.511	0.469	0.506	0.497	3.8
Hexachlorobutadiene		0.371	0.364	0.370	0.338	0.363	0.361	3.2
Caprolactam		0.111	0.117	0.126	0.119	0.125	0.118	4.6
4-Chloro-3-methylphenol		0.449	0.430	0.451	0.410	0.450	0.434	4.1
2-Methylnaphthalene		0.859	0.889	0.889	0.823	0.880	0.861	3.3
Hexachlorocyclopentadiene			0.343	0.401	0.412	0.433	0.418	10.5
2,4,6-Trichlorophenol		0.446	0.475	0.490	0.447	0.469	0.467	3.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG042024

SAS No.: BG042024

SDG No.: BG042024

Instrument ID: _____

Calibration Date(s): 4/20/2024 : _____

Calibration Time(s): 16:57 _____

LAB FILE ID:		RRF2.5 = BG060971.D			RRF005 = BG060972.D		RRF010 = BG060973.D	
		RRF020 = BG060974.D			RRF040 = BG060975.D		RRF050 = BG060976.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.395	1.413	1.494	1.390	1.454	1.445	3.4
2,4,5-Trichlorophenol		0.554	0.532	0.569	0.524	0.550	0.553	4.4
1,1-Biphenyl		1.256	1.310	1.405	1.298	1.382	1.347	4.6
2-Chloronaphthalene		1.004	0.992	1.064	0.987	1.054	1.033	3.9
2-Nitroaniline		0.419	0.412	0.440	0.393	0.415	0.417	3.9
Dimethylphthalate		1.650	1.668	1.699	1.572	1.661	1.649	3.2
Acenaphthylene		1.671	1.662	1.815	1.689	1.765	1.740	4.1
2,6-Dinitrotoluene		0.346	0.341	0.358	0.333	0.346	0.344	3.3
3-Nitroaniline		0.340	0.350	0.368	0.315	0.340	0.339	5.7
Acenaphthene		1.001	1.026	1.124	1.043	1.077	1.057	4.1
2,4-Dinitrophenol			0.114	0.173	0.190	0.221	0.191	22.8
4-Nitrophenol		0.193	0.232	0.256	0.241	0.264	0.243	10.1
Dibenzofuran		1.862	1.776	1.904	1.746	1.843	1.825	3.5
2,4-Dinitrotoluene		0.508	0.472	0.523	0.481	0.501	0.496	4.1
Diethylphthalate		1.603	1.660	1.728	1.537	1.633	1.624	4.1
4-Chlorophenyl-phenylether		0.979	0.943	1.004	0.899	0.941	0.950	4.0
Fluorene		1.536	1.521	1.654	1.449	1.552	1.541	4.2
4-Nitroaniline		0.373	0.370	0.388	0.348	0.373	0.366	4.6
4,6-Dinitro-2-methylphenol			0.093	0.123	0.122	0.132	0.123	13.1
n-Nitrosodiphenylamine		0.534	0.544	0.575	0.526	0.548	0.551	3.5
Azobenzene		1.306	1.309	1.417	1.241	1.344	1.321	4.6
2,4,6-Tribromophenol		0.428	0.443	0.468	0.419	0.444	0.439	3.7
4-Bromophenyl-phenylether		0.255	0.250	0.280	0.250	0.264	0.264	4.8
Hexachlorobenzene		0.274	0.276	0.305	0.282	0.293	0.292	5.0
Atrazine		0.231	0.218	0.223	0.203	0.196	0.206	9.2
Pentachlorophenol			0.151	0.185	0.191	0.201	0.191	11.4
Phenanthrene		1.017	1.012	1.071	0.964	1.028	1.021	3.3
Anthracene		1.032	1.049	1.098	1.005	1.056	1.051	3.0
Carbazole		0.893	0.877	0.906	0.830	0.859	0.873	3.1
Di-n-butylphthalate		1.046	1.089	1.119	1.006	1.048	1.060	3.6
Fluoranthene		1.360	1.350	1.456	1.282	1.346	1.355	4.0
Benzidine			0.446	0.392	0.399	0.340	0.371	13.5
Pyrene		1.363	1.401	1.447	1.295	1.359	1.362	3.7
Terphenyl-d14		1.303	1.319	1.371	1.223	1.282	1.288	3.9
Butylbenzylphthalate		0.452	0.453	0.482	0.433	0.450	0.454	3.4
3,3-Dichlorobenzidine		0.500	0.519	0.543	0.485	0.503	0.508	3.8

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.: BG042024 SAS No.: BG042024 SDG No.: BG042024
Instrument ID: _____ Calibration Date(s): 4/20/2024 : _____
Calibration Time(s): 16:57 _____

LAB FILE ID:		RRF2.5 = BG060971.D			RRF005 = BG060972.D		RRF010 = BG060973.D	
		RRF020 = BG060974.D			RRF040 = BG060975.D		RRF050 = BG060976.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.412	1.404	1.473	1.335	1.388	1.406	3.0
Chrysene		1.349	1.345	1.394	1.265	1.332	1.339	3.0
Bis(2-ethylhexyl)phthalate		0.651	0.666	0.688	0.622	0.659	0.660	3.1
Di-n-octyl phthalate		1.065	1.110	1.137	1.039	1.100	1.096	3.1
Benzo(b)fluoranthene		1.113	1.110	1.151	1.092	1.125	1.133	3.4
Benzo(k)fluoranthene		1.142	1.106	1.185	1.094	1.152	1.144	3.2
Benzo(a)pyrene		1.073	1.071	1.128	1.053	1.098	1.097	3.3
Indeno(1,2,3-cd)pyrene		1.308	1.312	1.415	1.342	1.415	1.387	4.9
Dibenzo(a,h)anthracene		1.029	1.045	1.160	1.122	1.170	1.134	6.4
Benzo(g,h,i)perylene		1.053	1.114	1.142	1.079	1.138	1.124	4.1
1,2,4,5-Tetrachlorobenzene		0.678	0.663	0.738	0.694	0.718	0.711	4.9
1,4-Dioxane		0.351	0.364	0.363	0.338	0.344	0.342	6.0
2,3,4,6-Tetrachlorophenol		0.535	0.554	0.601	0.533	0.571	0.558	4.7
1-Methylnaphthalene		0.810	0.789	0.833	0.776	0.817	0.803	2.7

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.: BG042224 SAS No.: BG042224 SDG NO.: BG042224

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BG060975.D Time Analyzed: 12:26

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	20618	7.943	82022	10.74	72860	14.57
	UPPER LIMIT	41236	8.443	164044	11.24	145720	15.07
	LOWER LIMIT	10309	7.443	41011	10.24	36430	14.07
	EPA SAMPLE NO.						
01	PB160353BL	22288	7.94	71421	10.73	65258	14.57
02	CONCRETE-VAULT	21931	7.94	81638	10.73	69734	14.56
03	72-11935DL	19221	7.94	73032	10.73	65073	14.57
04	SP-2-FRONT	28821	7.94	103058	10.73	85816	14.57
05	SP-2-FRONT	26099	7.94	97910	10.73	82846	14.57
06	SP-2-BACK	29625	7.94	112331	10.73	86261	14.57
07	COMP-B	27255	7.94	101168	10.74	78247	14.57
08	COMP-C	28467	7.94	106947	10.73	78769	14.57
09	SP-1C	30512	7.95	108744	10.74	81784	14.57
10	COMP-A	26954	7.94	105615	10.74	81707	14.57
11	SP-1CMS	30026	7.94	109973	10.74	85014	14.58
12	SP-1CMSD	27435	7.94	98634	10.74	76091	14.57
13	B-131-SB01DL	24898	7.94	90372	10.74	69877	14.57
14	CL-01-041824	28042	7.94	99947	10.74	75529	14.57

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.: BG042224 SAS No.: BG042224 SDG NO.: BG042224

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BG060987.D Time Analyzed: 12:26

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	20809	7.935	78998	10.73	73036	14.57
UPPER LIMIT	41618	8.435	157996	11.232	146072	15.068
LOWER LIMIT	10404.5	7.435	39499	10.232	36518	14.068
EPA SAMPLE NO.						
01 PB160353BL	22288	7.94	71421	10.73	65258	14.57
02 CONCRETE-VAULT	21931	7.94	81638	10.73	69734	14.56
03 72-11935DL	19221	7.94	73032	10.73	65073	14.57
04 SP-2-FRONT	28821	7.94	103058	10.73	85816	14.57
05 SP-2-FRONT	26099	7.94	97910	10.73	82846	14.57
06 SP-2-BACK	29625	7.94	112331	10.73	86261	14.57
07 COMP-B	27255	7.94	101168	10.74	78247	14.57
08 COMP-C	28467	7.94	106947	10.73	78769	14.57
09 SP-1C	30512	7.95	108744	10.74	81784	14.57
10 COMP-A	26954	7.94	105615	10.74	81707	14.57
11 SP-1CMS	30026	7.94	109973	10.74	85014	14.58
12 SP-1CMSD	27435	7.94	98634	10.74	76091	14.57
13 B-131-SB01DL	24898	7.94	90372	10.74	69877	14.57
14 CL-01-041824	28042	7.94	99947	10.74	75529	14.57

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.: BG042224 SAS No.: BG042224 SDG NO.: BG042224

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BG060975.D Time Analyzed: 12:26

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	190054	17.32	189201	21.58	221856	24.7
	UPPER LIMIT	380108	17.82	378402	22.08	443712	25.2
	LOWER LIMIT	95027	16.82	94600.5	21.08	110928	24.2
	EPA SAMPLE NO.						
01	PB160353BL	190085	17.31	212342	21.57	244790	24.70
02	CONCRETE-VAULT	173613	17.31	171351	21.57	207233	24.69
03	72-11935DL	164498	17.31	163671	21.57	195637	24.69
04	SP-2-FRONT	195836	17.31	199526	21.58	238367	24.70
05	SP-2-FRONT	201415	17.31	195755	21.57	237354	24.70
06	SP-2-BACK	196280	17.31	200139	21.58	240853	24.71
07	COMP-B	184687	17.32	182809	21.58	227083	24.70
08	COMP-C	185916	17.31	189534	21.57	224844	24.71
09	SP-1C	191784	17.32	194152	21.59	234219	24.72
10	COMP-A	193409	17.32	191509	21.58	227428	24.71
11	SP-1CMS	197046	17.33	206964	21.60	234016	24.72
12	SP-1CMSD	183385	17.32	188604	21.59	229469	24.72
13	B-131-SB01DL	159288	17.32	164690	21.58	189027	24.71
14	CL-01-041824	182127	17.32	183600	21.58	181568	24.71

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.: BG042224 SAS No.: BG042224 SDG NO.: BG042224

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 22 2024 12:00AM

Lab File ID: BG060987.D Time Analyzed: 12:26

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	186746	17.318	193503	21.578	230491	24.698
	UPPER LIMIT	373492	17.818	387006	22.078	460982	25.198
	LOWER LIMIT	93373	16.818	96751.5	21.078	115245.5	24.198
	EPA SAMPLE NO.						
01	PB160353BL	190085	17.31	212342	21.57	244790	24.70
02	CONCRETE-VAULT	173613	17.31	171351	21.57	207233	24.69
03	72-11935DL	164498	17.31	163671	21.57	195637	24.69
04	SP-2-FRONT	195836	17.31	199526	21.58	238367	24.70
05	SP-2-FRONT	201415	17.31	195755	21.57	237354	24.70
06	SP-2-BACK	196280	17.31	200139	21.58	240853	24.71
07	COMP-B	184687	17.32	182809	21.58	227083	24.70
08	COMP-C	185916	17.31	189534	21.57	224844	24.71
09	SP-1C	191784	17.32	194152	21.59	234219	24.72
10	COMP-A	193409	17.32	191509	21.58	227428	24.71
11	SP-1CMS	197046	17.33	206964	21.60	234016	24.72
12	SP-1CMSD	183385	17.32	188604	21.59	229469	24.72
13	B-131-SB01DL	159288	17.32	164690	21.58	189027	24.71
14	CL-01-041824	182127	17.32	183600	21.58	181568	24.71

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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP-2-FRONT

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG042224

SAS No.: BG042224 SDG NO.: BG042224

Lab File ID: BG060991.D

Lab Sample ID: P2127-01

Instrument ID: BNA_G

Date Extracted: 04/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/22/2024

Level: (low/med) LOW

Time Analyzed: 14:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP-2-FRONT	P2127-01	BG060991.D	04/22/2024
SP-2-FRONT	P2127-01	BG060992.D	04/22/2024
SP-2-BACK	P2127-04	BG060993.D	04/22/2024
SP-1C	P2126-07	BG060996.D	04/22/2024
SP-1CMS	P2126-07MS	BG060998.D	04/22/2024
SP-1CMSD	P2126-07MSD	BG060999.D	04/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

COMP-A

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG042224

SAS No.: BG042224 SDG NO.: BG042224

Lab File ID: BG060997.D

Lab Sample ID: P2147-01

Instrument ID: BNA_G

Date Extracted: 04/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/22/2024

Level: (low/med) LOW

Time Analyzed: 18:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
COMP-A	P2147-01	BG060997.D	04/22/2024
COMP-B	P2147-02	BG060994.D	04/22/2024
COMP-C	P2147-03	BG060995.D	04/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160353BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG042224

SAS No.: BG042224 SDG NO.: BG042224

Lab File ID: BG060988.D

Lab Sample ID: PB160353BL

Instrument ID: BNA_G

Date Extracted: 04/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/22/2024

Level: (low/med) LOW

Time Analyzed: 12:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

CONCRETE-VAULT

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG042224

SAS No.: BG042224 SDG NO.: BG042224

Lab File ID: BG060989.D

Lab Sample ID: P2189-01

Instrument ID: BNA_G

Date Extracted: 04/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/22/2024

Level: (low/med) LOW

Time Analyzed: 13:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CONCRETE-VAULT	P2189-01	BG060989.D	04/22/2024
CL-01-041824	P2194-01	BG061001.D	04/22/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG042224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2126-07MS		Client Sample ID: SP-1CMS		DataFile: BG060998.D							
n-Nitrosodimethylamine	2000		1500	ug/Kg	75				66	124	
Pyridine	2000		1200	ug/Kg	60				45	119	
Benzaldehyde	2000		0	ug/Kg	0	*			26	163	
Aniline	2000		480	ug/Kg	24				10	88	
Phenol	2000		1600	ug/Kg	80				67	126	
bis(2-Chloroethyl)ether	2000		1500	ug/Kg	75				74	116	
2-Chlorophenol	2000		1700	ug/Kg	85				61	138	
1,2-Dichlorobenzene	2000		1700	ug/Kg	85				61	105	
1,3-Dichlorobenzene	2000		1800	ug/Kg	90				62	101	
1,4-Dichlorobenzene	2000		1800	ug/Kg	90				63	104	
Benzyl Alcohol	2000		1500	ug/Kg	75				47	126	
2-Methylphenol	2000		1500	ug/Kg	75				66	122	
2,2-oxybis(1-Chloropropane)	2000		1600	ug/Kg	80				52	115	
Acetophenone	2000		1700	ug/Kg	85				75	111	
3+4-Methylphenols	2000		1500	ug/Kg	75				53	132	
N-Nitroso-di-n-propylamine	2000		1500	ug/Kg	75				59	119	
Hexachloroethane	2000		1800	ug/Kg	90				65	117	
Nitrobenzene	2000		1600	ug/Kg	80				70	119	
Isophorone	2000		1600	ug/Kg	80				76	122	
2-Nitrophenol	2000		1700	ug/Kg	85				54	145	
2,4-Dimethylphenol	2000		1400	ug/Kg	70	*			83	144	
bis(2-Chloroethoxy)methane	2000		1600	ug/Kg	80				68	112	
2,4-Dichlorophenol	2000		1700	ug/Kg	85				72	118	
1,2,4-Trichlorobenzene	2000		1800	ug/Kg	90				57	103	
Benzoic acid	2000		1700	ug/Kg	85				50	104	
Naphthalene	2000	1600	3100	ug/Kg	75				72	110	
4-Chloroaniline	2000		400	ug/Kg	20				10	100	
Hexachlorobutadiene	2000		1800	ug/Kg	90				66	114	
Caprolactam	2000		1400	ug/Kg	70				51	134	
4-Chloro-3-methylphenol	2000		1500	ug/Kg	75				57	132	
2-Methylnaphthalene	2000	540	2000	ug/Kg	73				59	123	
Hexachlorocyclopentadiene	3900		1900	ug/Kg	49				10	175	
2,4,6-Trichlorophenol	2000		1800	ug/Kg	90				72	117	
2,4,5-Trichlorophenol	2000		1600	ug/Kg	80				72	117	
1,1-Biphenyl	2000	150	2000	ug/Kg	93				75	113	
2-Chloronaphthalene	2000		1900	ug/Kg	95				67	118	
2-Nitroaniline	2000		1500	ug/Kg	75				69	127	
Dimethylphthalate	2000		1600	ug/Kg	80				70	113	
Acenaphthylene	2000		1800	ug/Kg	90				79	118	
2,6-Dinitrotoluene	2000		1600	ug/Kg	80				70	125	
3-Nitroaniline	2000		940	ug/Kg	47				20	111	
Acenaphthene	2000	1500	3000	ug/Kg	75				70	121	
Total PAH	32000	70160	90000	ug/Kg	62	*			70	121	
2,4-Dinitrophenol	3900		1500	ug/Kg	38				16	160	
4-Nitrophenol	3900		3400	ug/Kg	87				45	133	
Dibenzofuran	2000	870	2400	ug/Kg	77				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG042224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2000		1600	ug/Kg	80				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	4000		3200	ug/Kg	80				55	128	
Diethylphthalate	2000		1500	ug/Kg	75				70	112	
4-Chlorophenyl-phenylether	2000		1600	ug/Kg	80				71	108	
Fluorene	2000	1200	2700	ug/Kg	75				68	116	
4-Nitroaniline	2000		1300	ug/Kg	65				55	120	
4,6-Dinitro-2-methylphenol	2000		930	ug/Kg	47				32	145	
N-Nitrosodiphenylamine	2000		1800	ug/Kg	90				73	118	
Azobenzene	2000		1600	ug/Kg	80				73	110	
4-Bromophenyl-phenylether	2000		1800	ug/Kg	90				65	121	
Hexachlorobenzene	2000		1900	ug/Kg	95				67	118	
Atrazine	2000		2000	ug/Kg	100				79	127	
Pentachlorophenol	3900		3700	ug/Kg	95				47	128	
Phenanthrene	2000	12000	12800	ug/Kg	40	*			72	113	
Anthracene	2000	2600	4200	ug/Kg	80				62	124	
Carbazole	2000	1600	3200	ug/Kg	80				59	119	
Di-n-butylphthalate	2000		1600	ug/Kg	80				69	118	
Fluoranthene	2000	11900	12500	ug/Kg	30	*			59	125	
Benzidine	3900		1000	ug/Kg	26				10	119	
Pyrene	2000	10400	10700	ug/Kg	15	*			52	128	
Butylbenzylphthalate	2000		1500	ug/Kg	75				64	126	
3,3-Dichlorobenzidine	2000		1100	ug/Kg	55				10	164	
Benzo(a)anthracene	2000	5500	6500	ug/Kg	50	*			71	114	
Chrysene	2000	5200	6400	ug/Kg	60				57	121	
bis(2-Ethylhexyl)phthalate	2000		1600	ug/Kg	80				66	127	
Di-n-octyl phthalate	2000		1600	ug/Kg	80				71	126	
Benzo(b)fluoranthene	2000	6400	7500	ug/Kg	55	*			67	121	
Benzo(k)fluoranthene	2000	2300	4200	ug/Kg	95				74	114	
Benzo(a)pyrene	2000	4700	6300	ug/Kg	80				70	142	
Indeno(1,2,3-cd)pyrene	2000	2000	3200	ug/Kg	60	*			61	125	
Dibenz(a,h)anthracene	2000	560	1800	ug/Kg	62	*			67	130	
Benzo(g,h,i)perylene	2000	2300	3300	ug/Kg	50	*			53	140	
1,2,4,5-Tetrachlorobenzene	2000		2000	ug/Kg	100				69	124	
1,4-Dioxane	2000		1300	ug/Kg	65				46	112	
2,3,4,6-Tetrachlorophenol	2000		1600	ug/Kg	80				56	133	
1-Methylnaphthalene	2000	390	1900	ug/Kg	76				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG042224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2126-07MSD	Client Sample ID:	SP-1CMSD					DataFile:	BG060999.D		
n-Nitrosodimethylamine	2000		1500	ug/Kg	75		0		66	124	20
Pyridine	2000		1200	ug/Kg	60		0		45	119	20
Benzaldehyde	2000		0	ug/Kg	0	*			26	163	20
Aniline	2000		480	ug/Kg	24		0		10	88	20
Phenol	2000		1600	ug/Kg	80		0		67	126	20
bis(2-Chloroethyl)ether	2000		1500	ug/Kg	75		0		74	116	20
2-Chlorophenol	2000		1700	ug/Kg	85		0		61	138	20
1,2-Dichlorobenzene	2000		1700	ug/Kg	85		0		61	105	20
1,3-Dichlorobenzene	2000		1800	ug/Kg	90		0		62	101	20
1,4-Dichlorobenzene	2000		1700	ug/Kg	85		6		63	104	20
Benzyl Alcohol	2000		1500	ug/Kg	75		0		47	126	20
2-Methylphenol	2000		1500	ug/Kg	75		0		66	122	20
2,2-oxybis(1-Chloropropane)	2000		1500	ug/Kg	75		6		52	115	20
Acetophenone	2000		1700	ug/Kg	85		0		75	111	20
3+4-Methylphenols	2000		1500	ug/Kg	75		0		53	132	20
N-Nitroso-di-n-propylamine	2000		1400	ug/Kg	70		7		59	119	20
Hexachloroethane	2000		1800	ug/Kg	90		0		65	117	20
Nitrobenzene	2000		1600	ug/Kg	80		0		70	119	20
Isophorone	2000		1600	ug/Kg	80		0		76	122	20
2-Nitrophenol	2000		1700	ug/Kg	85		0		54	145	20
2,4-Dimethylphenol	2000		1300	ug/Kg	65	*	7		83	144	20
bis(2-Chloroethoxy)methane	2000		1600	ug/Kg	80		0		68	112	20
2,4-Dichlorophenol	2000		1800	ug/Kg	90		6		72	118	20
1,2,4-Trichlorobenzene	2000		1900	ug/Kg	95		5		57	103	20
Benzoic acid	2000		1700	ug/Kg	85		0		50	104	20
Naphthalene	2000	1600	3100	ug/Kg	75		0		72	110	20
4-Chloroaniline	2000		450	ug/Kg	23		14		10	100	20
Hexachlorobutadiene	2000		1800	ug/Kg	90		0		66	114	20
Caprolactam	2000		1400	ug/Kg	70		0		51	134	20
4-Chloro-3-methylphenol	2000		1500	ug/Kg	75		0		57	132	20
2-Methylnaphthalene	2000	540	2000	ug/Kg	73		0		59	123	20
Hexachlorocyclopentadiene	3900		1300	ug/Kg	33		39	*	10	175	20
2,4,6-Trichlorophenol	2000		1800	ug/Kg	90		0		72	117	20
2,4,5-Trichlorophenol	2000		1600	ug/Kg	80		0		72	117	20
1,1-Biphenyl	2000	150	2000	ug/Kg	93		0		75	113	20
2-Chloronaphthalene	2000		1900	ug/Kg	95		0		67	118	20
2-Nitroaniline	2000		1600	ug/Kg	80		6		69	127	20
Dimethylphthalate	2000		1500	ug/Kg	75		6		70	113	20
Acenaphthylene	2000		1800	ug/Kg	90		0		79	118	20
2,6-Dinitrotoluene	2000		1600	ug/Kg	80		0		70	125	20
3-Nitroaniline	2000		1000	ug/Kg	50		6		20	111	20
Acenaphthene	2000	1500	3000	ug/Kg	75		0		70	121	20
Total PAH	32000	70160	90800	ug/Kg	65	*	5		70	121	20
2,4-Dinitrophenol	3900		1300	ug/Kg	33		14		16	160	20
4-Nitrophenol	3900		3500	ug/Kg	90		3		45	133	20
Dibenzofuran	2000	870	2400	ug/Kg	77		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG042224

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2000		1600	ug/Kg	80		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	4000		3200	ug/Kg	80		0		55	128	20
Diethylphthalate	2000		1500	ug/Kg	75		0		70	112	20
4-Chlorophenyl-phenylether	2000		1600	ug/Kg	80		0		71	108	20
Fluorene	2000	1200	2800	ug/Kg	80		6		68	116	20
4-Nitroaniline	2000		1400	ug/Kg	70		7		55	120	20
4,6-Dinitro-2-methylphenol	2000		810	ug/Kg	41		14		32	145	20
N-Nitrosodiphenylamine	2000		1700	ug/Kg	85		6		73	118	20
Azobenzene	2000		1600	ug/Kg	80		0		73	110	20
4-Bromophenyl-phenylether	2000		1700	ug/Kg	85		6		65	121	20
Hexachlorobenzene	2000		1900	ug/Kg	95		0		67	118	20
Atrazine	2000		2000	ug/Kg	100		0		79	127	20
Pentachlorophenol	3900		3800	ug/Kg	97		2		47	128	20
Phenanthrene	2000	12000	12900	ug/Kg	45	*	12		72	113	20
Anthracene	2000	2600	4100	ug/Kg	75		6		62	124	20
Carbazole	2000	1600	3200	ug/Kg	80		0		59	119	20
Di-n-butylphthalate	2000		1600	ug/Kg	80		0		69	118	20
Fluoranthene	2000	11900	13000	ug/Kg	55	*	59	*	59	125	20
Benzdine	3900		1300	ug/Kg	33		24	*	10	119	20
Pyrene	2000	10400	11300	ug/Kg	45	*	100	*	52	128	20
Butylbenzylphthalate	2000		1600	ug/Kg	80		6		64	126	20
3,3-Dichlorobenzidine	2000		1200	ug/Kg	60		9		10	164	20
Benzo(a)anthracene	2000	5500	6900	ug/Kg	70	*	33	*	71	114	20
Chrysene	2000	5200	6700	ug/Kg	75		22	*	57	121	20
bis(2-Ethylhexyl)phthalate	2000		1600	ug/Kg	80		0		66	127	20
Di-n-octyl phthalate	2000		1600	ug/Kg	80		0		71	126	20
Benzo(b)fluoranthene	2000	6400	7400	ug/Kg	50	*	10		67	121	20
Benzo(k)fluoranthene	2000	2300	4100	ug/Kg	90		5		74	114	20
Benzo(a)pyrene	2000	4700	6100	ug/Kg	70		13		70	142	20
Indeno(1,2,3-cd)pyrene	2000	2000	3000	ug/Kg	50	*	18		61	125	20
Dibenz(a,h)anthracene	2000	560	1700	ug/Kg	57	*	8		67	130	20
Benzo(g,h,i)perylene	2000	2300	2900	ug/Kg	30	*	50	*	53	140	20
1,2,4,5-Tetrachlorobenzene	2000		2000	ug/Kg	100		0		69	124	20
1,4-Dioxane	2000		1300	ug/Kg	65		0		46	112	20
2,3,4,6-Tetrachlorophenol	2000		1700	ug/Kg	85		6		56	133	20
1-Methylnaphthalene	2000	390	1900	ug/Kg	76		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BG042224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2124-01DL	B-131-SB01DL	BG061000.D	2-Fluorophenol	150	94.65	63		18	112
			Phenol-d6	150	81.78	55		15	107
			Nitrobenzene-d5	100	56.00	56		18	107
			2-Fluorobiphenyl	100	58.02	58		20	109
			2,4,6-Tribromophenol	150	81.78	55		10	110
			Terphenyl-d14	100	51.47	51		14	112
P2126-07	SP-1C	BG060996.D	2-Fluorophenol	150	99.12	66		18	112
			Phenol-d6	150	88.24	59		15	107
			Nitrobenzene-d5	100	61.60	62		18	107
			2-Fluorobiphenyl	100	66.16	66		20	109
			2,4,6-Tribromophenol	150	90.24	60		10	110
			Terphenyl-d14	100	56.54	57		14	112
P2126-07MS	SP-1CMS	BG060998.D	2-Fluorophenol	150	97.25	65		18	112
			Phenol-d6	150	83.62	56		15	107
			Nitrobenzene-d5	100	58.29	58		18	107
			2-Fluorobiphenyl	100	61.78	62		20	109
			2,4,6-Tribromophenol	150	86.96	58		10	110
			Terphenyl-d14	100	53.08	53		14	112
P2126-07MSD	SP-1CMSD	BG060999.D	2-Fluorophenol	150	96.10	64		18	112
			Phenol-d6	150	84.67	56		15	107
			Nitrobenzene-d5	100	58.81	59		18	107
			2-Fluorobiphenyl	100	61.25	61		20	109
			2,4,6-Tribromophenol	150	90.65	60		10	110
			Terphenyl-d14	100	54.69	55		14	112
P2127-01	SP-2-FRONT	BG060991.D	2-Fluorophenol	150	90.19	60		18	112
		BG060992.D	2-Fluorophenol	150	118.55	79		18	112
			Phenol-d6	150	107.05	71		15	107
		BG060991.D	Phenol-d6	150	85.02	57		15	107
			Nitrobenzene-d5	100	55.53	56		18	107
		BG060992.D	Nitrobenzene-d5	100	73.94	74		18	107
			2-Fluorobiphenyl	100	78.49	78		20	109
		BG060991.D	2-Fluorobiphenyl	100	53.49	53		20	109
		BG060992.D	2,4,6-Tribromophenol	150	112.26	75		10	110
		BG060991.D	2,4,6-Tribromophenol	150	75.09	50		10	110
			Terphenyl-d14	100	49.42	49		14	112
		BG060992.D	Terphenyl-d14	100	82.04	82		14	112
P2127-04	SP-2-BACK	BG060993.D	2-Fluorophenol	150	98.42	66		18	112
			Phenol-d6	150	87.30	58		15	107
			Nitrobenzene-d5	100	54.70	55		18	107
			2-Fluorobiphenyl	100	59.27	59		20	109
			2,4,6-Tribromophenol	150	81.40	54		10	110
			Terphenyl-d14	100	54.44	54		14	112

Surrogate Summary

SW-846

SDG No.: BG042224

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2147-01	COMP-A	BG060997.D	2-Fluorophenol	150	99.74	66		18	112
			Phenol-d6	150	87.82	59		15	107
			Nitrobenzene-d5	100	54.83	55		18	107
			2-Fluorobiphenyl	100	60.11	60		20	109
			2,4,6-Tribromophenol	150	80.78	54		10	110
			Terphenyl-d14	100	56.59	57		14	112
P2147-02	COMP-B	BG060994.D	2-Fluorophenol	150	95.52	64		18	112
			Phenol-d6	150	83.94	56		15	107
			Nitrobenzene-d5	100	55.52	56		18	107
			2-Fluorobiphenyl	100	58.89	59		20	109
			2,4,6-Tribromophenol	150	75.92	51		10	110
			Terphenyl-d14	100	57.27	57		14	112
P2147-03	COMP-C	BG060995.D	2-Fluorophenol	150	88.91	59		18	112
			Phenol-d6	150	79.64	53		15	107
			Nitrobenzene-d5	100	52.12	52		18	107
			2-Fluorobiphenyl	100	57.99	58		20	109
			2,4,6-Tribromophenol	150	78.78	53		10	110
			Terphenyl-d14	100	51.39	51		14	112
P2148-01DL	72-11935DL	BG060990.D	2-Fluorophenol	150	92.00	61		18	112
			Phenol-d6	150	116.25	77		15	107
			Nitrobenzene-d5	100	79.50	80		18	107
			2-Fluorobiphenyl	100	90.75	91		20	109
			2,4,6-Tribromophenol	150	87.50	58		10	110
			Terphenyl-d14	100	89.25	89		14	112



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

Surrogate Summary

SW-846

SDG No.: BG042224

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160353BL	PB160353BL	BG060988.D	2-Fluorophenol	150	111.84	75		18	112
			Phenol-d6	150	109.94	73		15	107
			Nitrobenzene-d5	100	90.15	90		18	107
			2-Fluorobiphenyl	100	79.45	79		20	109
			2,4,6-Tribromophenol	150	122.31	82		10	110
			Terphenyl-d14	100	77.15	77		14	112



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

Surrogate Summary

SW-846

SDG No.: BG042224

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2189-01	CONCRETE-VAUIBG060989.D		2-Fluorophenol	150	88.73	59		18	112
			Phenol-d6	150	88.59	59		15	107
			Nitrobenzene-d5	100	61.01	61		18	107
			2-Fluorobiphenyl	100	63.21	63		20	109
			2,4,6-Tribromophenol	150	49.17	33		10	110
			Terphenyl-d14	100	63.92	64		14	112
P2194-01	CL-01-041824	BG061001.D	2-Fluorophenol	150	97.60	65		18	112
			Phenol-d6	150	86.57	58		15	107
			Nitrobenzene-d5	100	58.96	59		18	107
			2-Fluorobiphenyl	100	61.75	62		20	109
			2,4,6-Tribromophenol	150	89.33	60		10	110
			Terphenyl-d14	100	56.76	57		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG042224

Lab Code: CHEM

SAS No.: BG042224

SDG NO.: BG042224

Lab File ID: BG060986.D

DFTPP Injection Date: 04/22/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.3
68	Less than 2.0% of mass 69	0.2 (0.8) 1
69	Mass 69 relative abundance	20.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	25.7
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.1
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	11
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.6 (18.6) 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	BG060987.D	04/22/2024	11:43
PB160353BL	PB160353BL	BG060988.D	04/22/2024	12:26
CONCRETE-VAULT	P2189-01	BG060989.D	04/22/2024	13:16
72-11935DL	P2148-01DL	BG060990.D	04/22/2024	13:58
SP-2-FRONT	P2127-01	BG060991.D	04/22/2024	14:39
SP-2-FRONT	P2127-01	BG060992.D	04/22/2024	15:20
SP-2-BACK	P2127-04	BG060993.D	04/22/2024	16:01
COMP-B	P2147-02	BG060994.D	04/22/2024	16:43
COMP-C	P2147-03	BG060995.D	04/22/2024	17:24
SP-1C	P2126-07	BG060996.D	04/22/2024	18:06
COMP-A	P2147-01	BG060997.D	04/22/2024	18:48
SP-1CMS	P2126-07MS	BG060998.D	04/22/2024	19:29
SP-1CMSD	P2126-07MSD	BG060999.D	04/22/2024	20:11
B-131-SB01DL	P2124-01DL	BG061000.D	04/22/2024	20:52
CL-01-041824	P2194-01	BG061001.D	04/22/2024	21:34