

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF110824 SAS No.: BF110824 SDG No.: BF110824

Instrument ID: BNA_F Calibration Date/Time: 11/8/2024 1:09:35

Lab File ID: BF140286.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.782	0.684		-12.532	
Pyridine	1.354	1.280		-5.465	
2-Fluorophenol	1.207	1.151		-4.64	
Benzaldehyde	0.956	0.854		-10.669	
Aniline	1.402	1.359		-3.067	
Phenol-d6	1.552	1.455		-6.25	
Phenol	1.649	1.581		-4.124	20.0
bis(2-Chloroethyl)ether	1.252	1.205		-3.754	
2-Chlorophenol	1.263	1.225		-3.009	
1,2-Dichlorobenzene	1.394	1.332		-4.448	
1,3-Dichlorobenzene	1.480	1.416		-4.324	
1,4-Dichlorobenzene	1.492	1.440		-3.485	20.0
Benzyl Alcohol	1.197	1.137		-5.013	
2-Methylphenol	1.053	1.025		-2.659	
2,2-oxybis(1-Chloropropane)	2.027	1.804		-11.001	
Acetophenone	0.496	0.461		-7.056	
3+4-Methylphenols	1.323	1.267		-4.233	
n-Nitroso-di-n-propylamine	0.990	0.931	0.050	-5.96	
Nitrobenzene-d5	0.402	0.378		-5.97	
Hexachloroethane	0.556	0.530		-4.676	
Nitrobenzene	0.422	0.398		-5.687	
Isophorone	0.693	0.668		-3.608	
2-Nitrophenol	0.168	0.176		4.762	20.0
2,4-Dimethylphenol	0.228	0.230		0.877	
bis(2-Chloroethoxy)methane	0.415	0.405		-2.41	
2,4-Dichlorophenol	0.283	0.285		0.707	20.0
1,2,4-Trichlorobenzene	0.339	0.332		-2.065	
Benzoic acid	0.187	0.218		16.578	
Naphthalene	1.033	0.978		-5.324	
4-Chloroaniline	0.340	0.343		0.882	
Hexachlorobutadiene	0.229	0.225		-1.747	20.0
Caprolactam	0.086	0.095		10.465	
4-Chloro-3-methylphenol	0.315	0.322		2.222	20.0
2-Methylnaphthalene	0.674	0.666		-1.187	
Hexachlorocyclopentadiene	0.164	0.175	0.050	6.707	
2,4,6-Trichlorophenol	0.363	0.362		-0.275	20.0
2-Fluorobiphenyl	1.253	1.125		-10.144	
2,4,5-Trichlorophenol	0.381	0.388		1.837	
1,1-Biphenyl	1.446	1.339		-7.4	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF110824 SAS No.: BF110824 SDG No.: BF110824

Instrument ID: BNA_F Calibration Date/Time: 11/8/2024 1:09:35

Lab File ID: BF140286.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.088	1.015		-6.71	
2-Nitroaniline	0.364	0.344		-5.495	
Dimethylphthalate	1.232	1.215		-1.38	
Acenaphthylene	1.540	1.478		-4.026	
2,6-Dinitrotoluene	0.290	0.297		2.414	
3-Nitroaniline	0.273	0.281		2.93	
Acenaphthene	1.093	1.061		-2.928	20.0
2,4-Dinitrophenol	0.120	0.153	0.050	27.5	
4-Nitrophenol	0.192	0.219	0.050	14.062	
Dibenzofuran	1.528	1.462		-4.319	
2,4-Dinitrotoluene	0.376	0.395		5.053	
Diethylphthalate	1.224	1.226		0.163	
4-Chlorophenyl-phenylether	0.613	0.600		-2.121	
Fluorene	1.216	1.159		-4.687	
4-Nitroaniline	0.271	0.289		6.642	
4,6-Dinitro-2-methylphenol	0.105	0.122		16.19	
n-Nitrosodiphenylamine	0.575	0.536		-6.783	20.0
Azobenzene	1.269	1.194		-5.91	
2,4,6-Tribromophenol	0.198	0.223		12.626	
4-Bromophenyl-phenylether	0.215	0.216		0.465	
Hexachlorobenzene	0.245	0.245		0.0	
Atrazine	0.157	0.167		6.369	
Pentachlorophenol	0.132	0.154		16.667	20.0
Phenanthrene	0.954	0.897		-5.975	
Anthracene	0.936	0.882		-5.769	
Carbazole	0.855	0.825		-3.509	
Di-n-butylphthalate	1.012	1.018		0.593	
Fluoranthene	0.998	0.986		-1.202	20.0
Benzidine	0.391	0.584		49.361	
Pyrene	1.651	1.589		-3.755	
Terphenyl-d14	1.221	1.161		-4.914	
Butylbenzylphthalate	0.595	0.628		5.546	
3,3-Dichlorobenzidine	0.403	0.404		0.248	
Benzo(a)anthracene	1.284	1.258		-2.025	
Chrysene	1.202	1.131		-5.907	
Bis(2-ethylhexyl)phthalate	0.833	0.852		2.281	
Di-n-octyl phthalate	1.254	1.261		0.558	20.0
Benzo(b)fluoranthene	1.210	1.184		-2.149	
Benzo(k)fluoranthene	1.110	1.151		3.694	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF110824 SAS No.: BF110824 SDG No.: BF110824

Instrument ID: BNA_F Calibration Date/Time: 11/8/2024 1:09:35

Lab File ID: BF140286.D Init. Calib. Date(s): _____

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

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	0.994		-0.301	20.0
Indeno(1,2,3-cd)pyrene	1.174	1.140		-2.896	
Dibenzo(a,h)anthracene	0.966	0.930		-3.727	
Benzo(g,h,i)perylene	0.985	0.945		-4.061	
1,2,4,5-Tetrachlorobenzene	0.586	0.547		-6.655	
1,4-Dioxane	0.555	0.510		-8.108	20.0
2,3,4,6-Tetrachlorophenol	0.313	0.333		6.39	
1-Methylnaphthalene	0.661	0.650		-1.664	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	PB164765BL	SDG No.:	BF110824
Lab Sample ID:	PB164765BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140287.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	PB164765BL	SDG No.:	BF110824
Lab Sample ID:	PB164765BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140287.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	PB164765BL	SDG No.:	BF110824
Lab Sample ID:	PB164765BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140287.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	148.363		10-139		99	SPK: -150
13127-88-3	Phenol-d6	145.538		10-134		97	SPK: -150
4165-60-0	Nitrobenzene-d5	100.832		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	94.34		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	PB164765BL	SDG No.:	BF110824
Lab Sample ID:	PB164765BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140287.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	183.603		44-137		122	SPK: -150
1718-51-0	Terphenyl-d14	96.402		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180593	6.875				
1146-65-2	Naphthalene-d8	699300	8.157				
15067-26-2	Acenaphthene-d10	441390	9.916				
1517-22-2	Phenanthrene-d10	869591	11.404				
1719-03-5	Chrysene-d12	647570	14.051				
1520-96-3	Perylene-d12	498484	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.7	J			2.263	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	PB164750BS	SDG No.:	BF110824
Lab Sample ID:	PB164750BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140288.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		86.8	270	330	ug/Kg
110-86-1	Pyridine	1100		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	240	J	180	270	330	ug/Kg
62-53-3	Aniline	1600		96.9	130	170	ug/Kg
108-95-2	Phenol	1400		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1400		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1400		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1300		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1200		90.8	130	170	ug/Kg
78-59-1	Isophorone	1400		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	1300		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	PB164750BS	SDG No.:	BF110824
Lab Sample ID:	PB164750BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140288.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1300		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81.1	130	170	ug/Kg
Total PAH	Total PAH	22500		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.6	130	170	ug/Kg
86-73-7	Fluorene	1300		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		85	130	170	ug/Kg
1912-24-9	Atrazine	1600		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	PB164750BS	SDG No.:	BF110824
Lab Sample ID:	PB164750BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140288.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1400		84	130	170	ug/Kg
120-12-7	Anthracene	1400		84.4	130	170	ug/Kg
86-74-8	Carbazole	1400		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.7	130	170	ug/Kg
92-87-5	Benzidine	1500		160	270	330	ug/Kg
129-00-0	Pyrene	1400		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.7	130	170	ug/Kg
218-01-9	Chrysene	1400		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.43		18-112		76	SPK: -150
13127-88-3	Phenol-d6	112.481		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	76.414		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	75.084		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	PB164750BS	SDG No.:	BF110824
Lab Sample ID:	PB164750BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140288.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.44		10-116		96	SPK: -150
1718-51-0	Terphenyl-d14	84.499		10-105		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195639	6.881				
1146-65-2	Naphthalene-d8	765547	8.157				
15067-26-2	Acenaphthene-d10	473510	9.922				
1517-22-2	Phenanthrene-d10	882492	11.41				
1719-03-5	Chrysene-d12	554441	14.063				
1520-96-3	Perylene-d12	455207	15.562				

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	PB164680BL	SDG No.:	BF110824
Lab Sample ID:	PB164680BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140289.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

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



Client:				Date Collected:	11/5/2024 12:00:00 AM	
Project:				Date Received:	11/5/2024 12:00:00 AM	
Client Sample ID:	PB164680BL			SDG No.:	BF110824	
Lab Sample ID:	PB164680BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140289.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

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

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	PB164680BL	SDG No.:	BF110824
Lab Sample ID:	PB164680BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140289.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.027		18-112		81	SPK: -150
13127-88-3	Phenol-d6	118.165		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	79.275		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	79.641		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	PB164680BL	SDG No.:	BF110824
Lab Sample ID:	PB164680BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140289.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.297		10-116		98	SPK: -150
1718-51-0	Terphenyl-d14	81.205		10-105		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151320	6.875				
1146-65-2	Naphthalene-d8	591598	8.157				
15067-26-2	Acenaphthene-d10	368591	9.916				
1517-22-2	Phenanthrene-d10	737164	11.404				
1719-03-5	Chrysene-d12	536164	14.051				
1520-96-3	Perylene-d12	403684	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.234	

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	PB164680BS	SDG No.:	BF110824
Lab Sample ID:	PB164680BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140290.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	350		180	270	330	ug/Kg
62-53-3	Aniline	1600		96.8	130	170	ug/Kg
108-95-2	Phenol	1700		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1800		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1700		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1700		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1800		240	270	330	ug/Kg
91-20-3	Naphthalene	1600		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	760		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	PB164680BS	SDG No.:	BF110824
Lab Sample ID:	PB164680BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140290.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1700		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1800		81	130	170	ug/Kg
Total PAH	Total PAH	27500		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3500		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		85.5	130	170	ug/Kg
86-73-7	Fluorene	1700		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2300		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	PB164680BS	SDG No.:	BF110824
Lab Sample ID:	PB164680BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140290.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3700	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1700		83.9	130	170	ug/Kg
120-12-7	Anthracene	1700		84.3	130	170	ug/Kg
86-74-8	Carbazole	1700		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1700		81.6	130	170	ug/Kg
92-87-5	Benzidine	1800		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.157		18-112		91	SPK: -150
13127-88-3	Phenol-d6	134.435		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	89.604		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	89.216		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	PB164680BS	SDG No.:	BF110824
Lab Sample ID:	PB164680BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140290.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	169.199		10-116		113	SPK: -150
1718-51-0	Terphenyl-d14	100.191		10-105		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146386	6.875				
1146-65-2	Naphthalene-d8	577855	8.157				
15067-26-2	Acenaphthene-d10	358934	9.922				
1517-22-2	Phenanthrene-d10	682080	11.41				
1719-03-5	Chrysene-d12	432746	14.063				
1520-96-3	Perylene-d12	360367	15.563				

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PPE-COMP	SDG No.:	BF110824
Lab Sample ID:	P4732-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF140291.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	510	U	510	1600	2000	ug/Kg
110-86-1	Pyridine	470	U	470	770	1000	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1600	2000	ug/Kg
62-53-3	Aniline	570	U	570	770	1000	ug/Kg
108-95-2	Phenol	490	U	490	770	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	500	U	500	770	1000	ug/Kg
95-57-8	2-Chlorophenol	500	U	500	770	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	500	U	500	770	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	510	U	510	770	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	510	U	510	770	1000	ug/Kg
100-51-6	Benzyl Alcohol	490	U	490	1600	2000	ug/Kg
95-48-7	2-Methylphenol	480	U	480	770	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	540	U	540	770	1000	ug/Kg
98-86-2	Acetophenone	520	U	520	770	1000	ug/Kg
65794-96-9	3+4-Methylphenols	470	U	470	1600	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	470	470	ug/Kg
67-72-1	Hexachloroethane	490	U	490	770	1000	ug/Kg
98-95-3	Nitrobenzene	540	U	540	770	1000	ug/Kg
78-59-1	Isophorone	500	U	500	770	1000	ug/Kg
88-75-5	2-Nitrophenol	560	U	560	770	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	550	U	550	770	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	510	U	510	770	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	770	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	510	U	510	770	1000	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1600	2000	ug/Kg
91-20-3	Naphthalene	490	U	490	770	1000	ug/Kg
106-47-8	4-Chloroaniline	490	U	490	770	1000	ug/Kg
87-68-3	Hexachlorobutadiene	490	U	490	770	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PPE-COMP	SDG No.:	BF110824
Lab Sample ID:	P4732-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF140291.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	510	U	510	1600	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	460	U	460	770	1000	ug/Kg
91-57-6	2-Methylnaphthalene	490	U	490	770	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	920	U	920	1600	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	420	U	420	770	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	440	U	440	770	1000	ug/Kg
92-52-4	1,1-Biphenyl	520	U	520	770	1000	ug/Kg
91-58-7	2-Chloronaphthalene	490	U	490	770	1000	ug/Kg
88-74-4	2-Nitroaniline	560	U	560	770	1000	ug/Kg
131-11-3	Dimethylphthalate	480	U	480	770	1000	ug/Kg
208-96-8	Acenaphthylene	510	U	510	770	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	490	U	490	770	1000	ug/Kg
99-09-2	3-Nitroaniline	530	U	530	770	1000	ug/Kg
83-32-9	Acenaphthene	480	U	480	770	1000	ug/Kg
Total PAH	Total PAH	7840	U	7840	770	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1600	2000	ug/Kg
100-02-7	4-Nitrophenol	690	U	690	1600	2000	ug/Kg
132-64-9	Dibenzofuran	500	U	500	770	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	510	U	510	770	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1000	U	1000	770	2000	ug/Kg
84-66-2	Diethylphthalate	470	U	470	770	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	510	U	510	770	1000	ug/Kg
86-73-7	Fluorene	510	U	510	770	1000	ug/Kg
100-01-6	4-Nitroaniline	630	U	630	770	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690	U	690	1600	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	480	U	480	770	1000	ug/Kg
103-33-3	Azobenzene	470	U	470	770	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	470	U	470	770	1000	ug/Kg
118-74-1	Hexachlorobenzene	500	U	500	770	1000	ug/Kg
1912-24-9	Atrazine	540	U	540	770	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PPE-COMP	SDG No.:	BF110824
Lab Sample ID:	P4732-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF140291.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	460	U	460	1600	2000	ug/Kg
85-01-8	Phenanthrene	500	U	500	770	1000	ug/Kg
120-12-7	Anthracene	500	U	500	770	1000	ug/Kg
86-74-8	Carbazole	480	U	480	770	1000	ug/Kg
84-74-2	Di-n-butylphthalate	500	U	500	770	1000	ug/Kg
206-44-0	Fluoranthene	480	U	480	770	1000	ug/Kg
92-87-5	Benzidine	970	U	970	1600	2000	ug/Kg
129-00-0	Pyrene	490	U	490	770	1000	ug/Kg
85-68-7	Butylbenzylphthalate	570	U	570	770	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580	U	580	1600	2000	ug/Kg
56-55-3	Benzo(a)anthracene	480	U	480	770	1000	ug/Kg
218-01-9	Chrysene	470	U	470	770	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	540	U	540	770	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	650	U	650	1600	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	U	480	770	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	490	U	490	770	1000	ug/Kg
50-32-8	Benzo(a)pyrene	550	U	550	770	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460	U	460	770	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	480	U	480	770	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	470	U	470	770	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	510	U	510	770	1000	ug/Kg
123-91-1	1,4-Dioxane	650	U	650	770	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	440	U	440	770	1000	ug/Kg
90-12-0	1-Methylnaphthalene	490	U	490	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.237		18-112		52	SPK: -150
13127-88-3	Phenol-d6	78.449		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	53.425		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	57.507		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PPE-COMP	SDG No.:	BF110824
Lab Sample ID:	P4732-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF140291.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.77		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	50.249		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115511	6.875				
1146-65-2	Naphthalene-d8	427356	8.157				
15067-26-2	Acenaphthene-d10	240062	9.916				
1517-22-2	Phenanthrene-d10	366767	11.404				
1719-03-5	Chrysene-d12	247843	14.057				
1520-96-3	Perylene-d12	281642	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	12100	J			2.146	
000629-62-9	Pentadecane	2100	J			6.998	
016747-26-5	Hexane, 2,2,4-trimethyl-	2100	J			7.145	
062016-28-8	Octane, 2,2,6-trimethyl-	1200	J			7.216	
000563-16-6	Hexane, 3,3-dimethyl-	800	J			7.31	
000629-59-4	Tetradecane	800	J			9.31	
000719-22-2	2,5-Cyclohexadiene-1,4-dione, 2,6-	1400	J			9.728	
000544-76-3	Hexadecane	2400	J			10.345	
000119-61-9	Benzophenone	1300	J			10.628	
000629-78-7	Heptadecane	1200	J			10.816	
1000340-29-0	Methacrylic acid, tetradecyl ester	3300	J			11.139	
000593-45-3	Octadecane	2800	J			11.269	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	3500	J			11.898	
000057-10-3	n-Hexadecanoic acid	4100	J			11.928	
007206-21-5	5-Octadecene, (E)-	1400	J			11.992	
000593-49-7	Heptacosane	2400	J			12.104	
002882-98-6	Cyclopentane, nonyl-	790	J			12.416	
036653-82-4	1-Hexadecanol	1000	J			12.451	
000057-11-4	Octadecanoic acid	1500	J			12.716	

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PPE-COMP	SDG No.:	BF110824
Lab Sample ID:	P4732-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.06	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
BF140291.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000123-79-5	Hexanedioic acid, dioctyl ester	4000	J			13.533	

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-04RE	SDG No.:	BF110824
Lab Sample ID:	P4694-05RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140292.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.4	U	58.4	180	220	ug/Kg
110-86-1	Pyridine	53.8	U	53.8	87.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.2	U	65.2	87.5	110	ug/Kg
108-95-2	Phenol	55.8	U	55.8	87.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.3	U	56.3	87.5	110	ug/Kg
95-57-8	2-Chlorophenol	56.2	U	56.2	87.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.9	U	56.9	87.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.9	U	57.9	87.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.2	U	58.2	87.5	110	ug/Kg
100-51-6	Benzyl Alcohol	55.8	U	55.8	180	220	ug/Kg
95-48-7	2-Methylphenol	54.2	U	54.2	87.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.2	U	61.2	87.5	110	ug/Kg
98-86-2	Acetophenone	58.5	U	58.5	87.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.7	U	53.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.8	53.8	ug/Kg
67-72-1	Hexachloroethane	55.8	U	55.8	87.5	110	ug/Kg
98-95-3	Nitrobenzene	61.1	U	61.1	87.5	110	ug/Kg
78-59-1	Isophorone	56.9	U	56.9	87.5	110	ug/Kg
88-75-5	2-Nitrophenol	63.6	U	63.6	87.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.7	U	62.7	87.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.7	U	57.7	87.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.8	U	50.8	87.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.5	U	57.5	87.5	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.6	U	55.6	87.5	110	ug/Kg
106-47-8	4-Chloroaniline	55.6	U	55.6	87.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-04RE	SDG No.:	BF110824
Lab Sample ID:	P4694-05RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140292.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.4	U	58.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.1	U	52.1	87.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.5	U	55.5	87.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	87.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.8	U	49.8	87.5	110	ug/Kg
92-52-4	1,1-Biphenyl	58.8	U	58.8	87.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	87.5	110	ug/Kg
88-74-4	2-Nitroaniline	63.9	U	63.9	87.5	110	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	87.5	110	ug/Kg
208-96-8	Acenaphthylene	58.2	U	58.2	87.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	87.5	110	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	87.5	110	ug/Kg
83-32-9	Acenaphthene	54.6	U	54.6	87.5	110	ug/Kg
Total PAH	Total PAH	3880	U	891.6	87.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78	U	78	180	220	ug/Kg
132-64-9	Dibenzofuran	56.8	U	56.8	87.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	87.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	114	U	114	87.5	220	ug/Kg
84-66-2	Diethylphthalate	53.9	U	53.9	87.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.6	U	57.6	87.5	110	ug/Kg
86-73-7	Fluorene	57.5	U	57.5	87.5	110	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	87.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.7	U	78.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.9	U	54.9	87.5	110	ug/Kg
103-33-3	Azobenzene	53.5	U	53.5	87.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.1	U	53.1	87.5	110	ug/Kg
118-74-1	Hexachlorobenzene	57.2	U	57.2	87.5	110	ug/Kg
1912-24-9	Atrazine	61.5	U	61.5	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-04RE	SDG No.:	BF110824
Lab Sample ID:	P4694-05RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140292.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52	U	52	180	220	ug/Kg
85-01-8	Phenanthrene	520		56.5	87.5	110	ug/Kg
120-12-7	Anthracene	120		56.8	87.5	110	ug/Kg
86-74-8	Carbazole	62.7	J	54	87.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.7	U	56.7	87.5	110	ug/Kg
206-44-0	Fluoranthene	670		55	87.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	630		55.8	87.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.1	U	65.1	87.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.3	U	66.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	400		54.3	87.5	110	ug/Kg
218-01-9	Chrysene	330		53.5	87.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.2	U	61.2	87.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	380		54.6	87.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	150		55.6	87.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	350		62.6	87.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160		52.5	87.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.6	U	54.6	87.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170		53.9	87.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.4	U	58.4	87.5	110	ug/Kg
123-91-1	1,4-Dioxane	74	U	74	87.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.3	U	50.3	87.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.04		18-112		77	SPK: -150
13127-88-3	Phenol-d6	112.758		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	76.484		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	74.67		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-04RE	SDG No.:	BF110824
Lab Sample ID:	P4694-05RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140292.D	1	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.502		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	72.919		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117884	6.875				
1146-65-2	Naphthalene-d8	441931	8.157				
15067-26-2	Acenaphthene-d10	259086	9.916				
1517-22-2	Phenanthrene-d10	451797	11.404				
1719-03-5	Chrysene-d12	246243	14.051				
1520-96-3	Perylene-d12	291932	15.551				

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	JC-701-COMP-01DL	SDG No.:	BF110824
Lab Sample ID:	P4720-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140293.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.3	U	53.3	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	99.8	U	99.8	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	JC-701-COMP-01DL	SDG No.:	BF110824
Lab Sample ID:	P4720-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140293.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.4	U	94.4	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.9	U	97.9	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1760	U	1760	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	110	U	110	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	JC-701-COMP-01DL	SDG No.:	BF110824
Lab Sample ID:	P4720-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140293.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	220	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	220	ug/Kg
218-01-9	Chrysene	110	U	110	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200	D	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	98.8	U	98.8	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	10.384	*	18-112		7	SPK: -150
13127-88-3	Phenol-d6	10.728	*	15-107		7	SPK: -150
4165-60-0	Nitrobenzene-d5	7.388	*	18-107		7	SPK: -100
321-60-8	2-Fluorobiphenyl	8.132	*	20-109		8	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	JC-701-COMP-01DL	SDG No.:	BF110824
Lab Sample ID:	P4720-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF140293.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	10.064	*	10-116		7	SPK: -150
1718-51-0	Terphenyl-d14	8.372	*	10-105		8	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132204	6.875				
1146-65-2	Naphthalene-d8	492322	8.157				
15067-26-2	Acenaphthene-d10	291280	9.916				
1517-22-2	Phenanthrene-d10	516504	11.404				
1719-03-5	Chrysene-d12	280401	14.051				
1520-96-3	Perylene-d12	325761	15.551				

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	Z-01DL	SDG No.:	BF110824
Lab Sample ID:	P4695-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140294.D	5	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	310	U	310	950	1200	ug/Kg
110-86-1	Pyridine	280	U	280	460	600	ug/Kg
100-52-7	Benzaldehyde	640	U	640	950	1200	ug/Kg
62-53-3	Aniline	340	U	340	460	600	ug/Kg
108-95-2	Phenol	290	U	290	460	600	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	290	460	600	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	460	600	ug/Kg
95-50-1	1,2-Dichlorobenzene	300	U	300	460	600	ug/Kg
541-73-1	1,3-Dichlorobenzene	300	U	300	460	600	ug/Kg
106-46-7	1,4-Dichlorobenzene	300	U	300	460	600	ug/Kg
100-51-6	Benzyl Alcohol	290	U	290	950	1200	ug/Kg
95-48-7	2-Methylphenol	280	U	280	460	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320	U	320	460	600	ug/Kg
98-86-2	Acetophenone	310	U	310	460	600	ug/Kg
65794-96-9	3+4-Methylphenols	280	U	280	950	1200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	280	280	ug/Kg
67-72-1	Hexachloroethane	290	U	290	460	600	ug/Kg
98-95-3	Nitrobenzene	320	U	320	460	600	ug/Kg
78-59-1	Isophorone	300	U	300	460	600	ug/Kg
88-75-5	2-Nitrophenol	330	U	330	460	600	ug/Kg
105-67-9	2,4-Dimethylphenol	330	U	330	460	600	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	300	U	300	460	600	ug/Kg
120-83-2	2,4-Dichlorophenol	270	U	270	460	600	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	300	U	300	460	600	ug/Kg
65-85-0	Benzoic acid	830	U	830	950	1200	ug/Kg
91-20-3	Naphthalene	1200	D	290	460	600	ug/Kg
106-47-8	4-Chloroaniline	290	U	290	460	600	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	460	600	ug/Kg

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	Z-01DL	SDG No.:	BF110824
Lab Sample ID:	P4695-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140294.D	5	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	310	U	310	950	1200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270	U	270	460	600	ug/Kg
91-57-6	2-Methylnaphthalene	770	D	290	460	600	ug/Kg
77-47-4	Hexachlorocyclopentadiene	550	U	550	950	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250	U	250	460	600	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260	U	260	460	600	ug/Kg
92-52-4	1,1-Biphenyl	310	U	310	460	600	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	460	600	ug/Kg
88-74-4	2-Nitroaniline	330	U	330	460	600	ug/Kg
131-11-3	Dimethylphthalate	290	U	290	460	600	ug/Kg
208-96-8	Acenaphthylene	300	U	300	460	600	ug/Kg
606-20-2	2,6-Dinitrotoluene	290	U	290	460	600	ug/Kg
99-09-2	3-Nitroaniline	310	U	310	460	600	ug/Kg
83-32-9	Acenaphthene	1200	D	290	460	600	ug/Kg
Total PAH	Total PAH	40560	D	4670	460	9600	ug/Kg
51-28-5	2,4-Dinitrophenol	850	U	850	950	1200	ug/Kg
100-02-7	4-Nitrophenol	410	U	410	950	1200	ug/Kg
132-64-9	Dibenzofuran	1100	D	300	460	600	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	590	U	590	460	1200	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	U	300	460	600	ug/Kg
84-66-2	Diethylphthalate	280	U	280	460	600	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	300	U	300	460	600	ug/Kg
86-73-7	Fluorene	1300	D	300	460	600	ug/Kg
100-01-6	4-Nitroaniline	380	U	380	460	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	410	U	410	950	1200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	290	U	290	460	600	ug/Kg
103-33-3	Azobenzene	280	U	280	460	600	ug/Kg
101-55-3	4-Bromophenyl-phenylether	280	U	280	460	600	ug/Kg
118-74-1	Hexachlorobenzene	300	U	300	460	600	ug/Kg
1912-24-9	Atrazine	320	U	320	460	600	ug/Kg

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	Z-01DL	SDG No.:	BF110824
Lab Sample ID:	P4695-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140294.D	5	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	270	U	270	950	1200	ug/Kg
85-01-8	Phenanthrene	8400	D	300	460	600	ug/Kg
120-12-7	Anthracene	2600	D	300	460	600	ug/Kg
86-74-8	Carbazole	1100	D	280	460	600	ug/Kg
84-74-2	Di-n-butylphthalate	300	U	300	460	600	ug/Kg
206-44-0	Fluoranthene	6200	D	290	460	600	ug/Kg
92-87-5	Benzidine	570	U	570	950	1200	ug/Kg
129-00-0	Pyrene	5400	D	290	460	600	ug/Kg
85-68-7	Butylbenzylphthalate	340	U	340	460	600	ug/Kg
91-94-1	3,3-Dichlorobenzidine	350	U	350	950	1200	ug/Kg
56-55-3	Benzo(a)anthracene	3300	D	280	460	600	ug/Kg
218-01-9	Chrysene	2800	D	280	460	600	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	460	600	ug/Kg
117-84-0	Di-n-octyl phthalate	390	U	390	950	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500	D	290	460	600	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100	D	290	460	600	ug/Kg
50-32-8	Benzo(a)pyrene	2500	D	330	460	600	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890	D	270	460	600	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300	JD	290	460	600	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870	D	280	460	600	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	310	460	600	ug/Kg
123-91-1	1,4-Dioxane	390	U	390	460	600	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	460	600	ug/Kg
90-12-0	1-Methylnaphthalene	540	JD	290	600	600	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.345		18-112		67	SPK: -150
13127-88-3	Phenol-d6	101.46		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	65.65		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	67.58		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	Z-01DL	SDG No.:	BF110824
Lab Sample ID:	P4695-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
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
BF140294.D	5	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.85		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	58.26		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129594	6.875				
1146-65-2	Naphthalene-d8	492100	8.157				
15067-26-2	Acenaphthene-d10	287620	9.916				
1517-22-2	Phenanthrene-d10	500886	11.404				
1719-03-5	Chrysene-d12	292758	14.057				
1520-96-3	Perylene-d12	349826	15.557				

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	TP-14	SDG No.:	BF110824
Lab Sample ID:	P4739-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140295.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.7	U	58.7	180	220	ug/Kg
110-86-1	Pyridine	54	U	54	87.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.5	U	65.5	87.9	110	ug/Kg
108-95-2	Phenol	56	U	56	87.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.6	U	56.6	87.9	110	ug/Kg
95-57-8	2-Chlorophenol	56.4	U	56.4	87.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.2	U	57.2	87.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.1	U	58.1	87.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.5	U	58.5	87.9	110	ug/Kg
100-51-6	Benzyl Alcohol	56.1	U	56.1	180	220	ug/Kg
95-48-7	2-Methylphenol	54.5	U	54.5	87.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.4	U	61.4	87.9	110	ug/Kg
98-86-2	Acetophenone	58.7	U	58.7	87.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.9	U	53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54.1	54.1	ug/Kg
67-72-1	Hexachloroethane	56.1	U	56.1	87.9	110	ug/Kg
98-95-3	Nitrobenzene	61.4	U	61.4	87.9	110	ug/Kg
78-59-1	Isophorone	57.2	U	57.2	87.9	110	ug/Kg
88-75-5	2-Nitrophenol	63.9	U	63.9	87.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	63	U	63	87.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	58	87.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	87.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.7	U	57.7	87.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.8	U	55.8	87.9	110	ug/Kg
106-47-8	4-Chloroaniline	55.8	U	55.8	87.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.3	U	56.3	87.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	TP-14	SDG No.:	BF110824
Lab Sample ID:	P4739-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140295.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.7	U	58.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.4	U	52.4	87.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.8	U	55.8	87.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.3	U	48.3	87.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	87.9	110	ug/Kg
92-52-4	1,1-Biphenyl	59.1	U	59.1	87.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.3	U	56.3	87.9	110	ug/Kg
88-74-4	2-Nitroaniline	64.2	U	64.2	87.9	110	ug/Kg
131-11-3	Dimethylphthalate	55.2	U	55.2	87.9	110	ug/Kg
208-96-8	Acenaphthylene	58.5	U	58.5	87.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.2	U	56.2	87.9	110	ug/Kg
99-09-2	3-Nitroaniline	60.3	U	60.3	87.9	110	ug/Kg
83-32-9	Acenaphthene	54.8	U	54.8	87.9	110	ug/Kg
Total PAH	Total PAH	895.5	U	895.5	87.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.4	U	78.4	180	220	ug/Kg
132-64-9	Dibenzofuran	57	U	57	87.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.5	U	114.5	87.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.3	U	58.3	87.9	110	ug/Kg
84-66-2	Diethylphthalate	54.1	U	54.1	87.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.9	U	57.9	87.9	110	ug/Kg
86-73-7	Fluorene	57.8	U	57.8	87.9	110	ug/Kg
100-01-6	4-Nitroaniline	72.3	U	72.3	87.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.1	U	79.1	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.2	U	55.2	87.9	110	ug/Kg
103-33-3	Azobenzene	53.8	U	53.8	87.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.3	U	53.3	87.9	110	ug/Kg
118-74-1	Hexachlorobenzene	57.5	U	57.5	87.9	110	ug/Kg
1912-24-9	Atrazine	61.8	U	61.8	87.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	TP-14	SDG No.:	BF110824
Lab Sample ID:	P4739-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140295.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.2	U	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	290		56.8	87.9	110	ug/Kg
120-12-7	Anthracene	57	U	57	87.9	110	ug/Kg
86-74-8	Carbazole	54.3	U	54.3	87.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	87.9	110	ug/Kg
206-44-0	Fluoranthene	63.3	J	55.2	87.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	80.4	J	56.1	87.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.4	U	65.4	87.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.6	U	66.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	56.8	J	54.5	87.9	110	ug/Kg
218-01-9	Chrysene	73.9	J	53.7	87.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.5	U	61.5	87.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.3	U	74.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.8	U	54.8	87.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.8	U	55.8	87.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.9	U	62.9	87.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.8	U	52.8	87.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.9	U	54.9	87.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.1	U	54.1	87.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.7	U	58.7	87.9	110	ug/Kg
123-91-1	1,4-Dioxane	74.3	U	74.3	87.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.5	U	50.5	87.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	160		56.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.47		18-112		58	SPK: -150
13127-88-3	Phenol-d6	87.199		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	63.942		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	63.824		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	TP-14	SDG No.:	BF110824
Lab Sample ID:	P4739-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140295.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.029		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	44.986		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114424	6.875				
1146-65-2	Naphthalene-d8	407029	8.157				
15067-26-2	Acenaphthene-d10	211584	9.922				
1517-22-2	Phenanthrene-d10	303754	11.416				
1719-03-5	Chrysene-d12	255769	14.063				
1520-96-3	Perylene-d12	293272	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	450	J			2.14	
	unknown7.516	280	J			7.516	
017312-54-8	Decane, 3,7-dimethyl-	340	J			7.657	
004292-92-6	Cyclohexane, pentyl-	380	J			7.775	
017301-23-4	Undecane, 2,6-dimethyl-	620	J			8.216	
	unknown8.451	800	J			8.451	
062016-33-5	Octane, 2,3,6-trimethyl-	1200	J			8.581	
024949-42-6	6-Tridecene, 7-methyl-	340	J			8.704	
013287-21-3	Tridecane, 6-methyl-	480	J			8.845	
005617-41-4	Heptylcyclohexane	750	J			9.069	
003891-98-3	Dodecane, 2,6,10-trimethyl-	1500	J			9.186	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	790	J			9.328	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	1600	J			9.645	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	450	J			10.122	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	320	J			10.245	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	430	J			10.333	
062108-26-3	Decane, 2,6,8-trimethyl-	1700	J			10.581	
055045-11-9	Tridecane, 5-propyl-	2200	J			10.845	
000629-78-7	Heptadecane	1600	J			11.31	

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	TP-14	SDG No.:	BF110824
Lab Sample ID:	P4739-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140295.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-99-2	Pentacosane	700	J			11.663	

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-03ADL	SDG No.:	BF110824
Lab Sample ID:	P4694-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140296.D	2	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	360	430	ug/Kg
110-86-1	Pyridine	110	U	110	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.1	U	53.1	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	99.5	U	99.5	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-03ADL	SDG No.:	BF110824
Lab Sample ID:	P4694-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140296.D	2	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	360	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.1	U	94.1	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.5	U	97.5	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	120	JD	110	170	220	ug/Kg
Total PAH	Total PAH	10810	D	1750	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	140	JD	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	360	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-03ADL	SDG No.:	BF110824
Lab Sample ID:	P4694-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140296.D	2	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	430	ug/Kg
85-01-8	Phenanthrene	1500	D	110	170	220	ug/Kg
120-12-7	Anthracene	350	D	110	170	220	ug/Kg
86-74-8	Carbazole	150	JD	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	1900	D	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	360	430	ug/Kg
129-00-0	Pyrene	1400	D	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	430	ug/Kg
56-55-3	Benzo(a)anthracene	990	D	110	170	220	ug/Kg
218-01-9	Chrysene	920	D	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	360	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	D	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	500	D	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	930	D	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400	D	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	JD	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	440	D	110	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	98.5	U	98.5	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.028		18-112		79	SPK: -150
13127-88-3	Phenol-d6	117.226		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	77.028		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	84.868		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	11/3/2024 12:00:00 AM
Project:		Date Received:	11/3/2024 12:00:00 AM
Client Sample ID:	Z-03ADL	SDG No.:	BF110824
Lab Sample ID:	P4694-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
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
BF140296.D	2	11/5/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.136		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	69.154		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121281	6.875				
1146-65-2	Naphthalene-d8	454225	8.157				
15067-26-2	Acenaphthene-d10	251113	9.916				
1517-22-2	Phenanthrene-d10	378257	11.404				
1719-03-5	Chrysene-d12	280284	14.057				
1520-96-3	Perylene-d12	232516	15.562				

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	BP-G2	SDG No.:	BF110824
Lab Sample ID:	P4739-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140297.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.8	U	59.8	190	230	ug/Kg
110-86-1	Pyridine	55	U	55	89.5	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	66.7	U	66.7	89.5	120	ug/Kg
108-95-2	Phenol	57.1	U	57.1	89.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.6	U	57.6	89.5	120	ug/Kg
95-57-8	2-Chlorophenol	57.5	U	57.5	89.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.2	U	58.2	89.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.2	U	59.2	89.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.5	U	59.5	89.5	120	ug/Kg
100-51-6	Benzyl Alcohol	57.1	U	57.1	190	230	ug/Kg
95-48-7	2-Methylphenol	55.5	U	55.5	89.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.6	U	62.6	89.5	120	ug/Kg
98-86-2	Acetophenone	59.8	U	59.8	89.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.9	U	54.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.7	U	27.7	55.1	55.1	ug/Kg
67-72-1	Hexachloroethane	57.1	U	57.1	89.5	120	ug/Kg
98-95-3	Nitrobenzene	62.5	U	62.5	89.5	120	ug/Kg
78-59-1	Isophorone	58.2	U	58.2	89.5	120	ug/Kg
88-75-5	2-Nitrophenol	65.1	U	65.1	89.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.2	U	64.2	89.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.1	U	59.1	89.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	89.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.8	U	58.8	89.5	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.9	U	56.9	89.5	120	ug/Kg
106-47-8	4-Chloroaniline	56.9	U	56.9	89.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.3	U	57.3	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	BP-G2	SDG No.:	BF110824
Lab Sample ID:	P4739-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140297.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.8	U	59.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.4	U	53.4	89.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	73	J	56.8	89.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.2	U	49.2	89.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.9	U	50.9	89.5	120	ug/Kg
92-52-4	1,1-Biphenyl	60.2	U	60.2	89.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.3	U	57.3	89.5	120	ug/Kg
88-74-4	2-Nitroaniline	65.4	U	65.4	89.5	120	ug/Kg
131-11-3	Dimethylphthalate	56.2	U	56.2	89.5	120	ug/Kg
208-96-8	Acenaphthylene	59.5	U	59.5	89.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.3	U	57.3	89.5	120	ug/Kg
99-09-2	3-Nitroaniline	61.4	U	61.4	89.5	120	ug/Kg
83-32-9	Acenaphthene	55.8	U	55.8	89.5	120	ug/Kg
Total PAH	Total PAH	912.1	U	912.1	89.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.9	U	79.9	190	230	ug/Kg
132-64-9	Dibenzofuran	58.1	U	58.1	89.5	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.3	U	59.3	89.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.6	U	116.6	89.5	240	ug/Kg
84-66-2	Diethylphthalate	55.1	U	55.1	89.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.9	U	58.9	89.5	120	ug/Kg
86-73-7	Fluorene	58.9	U	58.9	89.5	120	ug/Kg
100-01-6	4-Nitroaniline	73.7	U	73.7	89.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.5	U	80.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.2	U	56.2	89.5	120	ug/Kg
103-33-3	Azobenzene	54.8	U	54.8	89.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.3	U	54.3	89.5	120	ug/Kg
118-74-1	Hexachlorobenzene	58.5	U	58.5	89.5	120	ug/Kg
1912-24-9	Atrazine	62.9	U	62.9	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	BP-G2	SDG No.:	BF110824
Lab Sample ID:	P4739-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.09	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
BF140297.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.2	U	53.2	190	230	ug/Kg
85-01-8	Phenanthrene	290		57.8	89.5	120	ug/Kg
120-12-7	Anthracene	58.1	U	58.1	89.5	120	ug/Kg
86-74-8	Carbazole	55.3	U	55.3	89.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	89.5	120	ug/Kg
206-44-0	Fluoranthene	130		56.2	89.5	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	140		57.1	89.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.6	U	66.6	89.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.9	U	67.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	96.6	J	55.6	89.5	120	ug/Kg
218-01-9	Chrysene	110	J	54.7	89.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.6	U	62.6	89.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.7	U	75.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.8	U	55.8	89.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.9	U	56.9	89.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	89.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.8	U	53.8	89.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.9	U	55.9	89.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.1	U	55.1	89.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.8	U	59.8	89.5	120	ug/Kg
123-91-1	1,4-Dioxane	75.7	U	75.7	89.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.4	U	51.4	89.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.7	J	57.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.693		18-112		64	SPK: -150
13127-88-3	Phenol-d6	94.187		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	70.019		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	72.751		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	BP-G2	SDG No.:	BF110824
Lab Sample ID:	P4739-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140297.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.006		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	53.206		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101921	6.875				
1146-65-2	Naphthalene-d8	352375	8.157				
15067-26-2	Acenaphthene-d10	170859	9.922				
1517-22-2	Phenanthrene-d10	253085	11.422				
1719-03-5	Chrysene-d12	228504	14.074				
1520-96-3	Perylene-d12	197243	15.58				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	440	J			2.134	
005911-04-6	Nonane, 3-methyl-	290	J			6.128	
	unknown7.522	350	J			7.522	
017301-24-5	Undecane, 2,7-dimethyl-	320	J			7.581	
017312-54-8	Decane, 3,7-dimethyl-	310	J			7.657	
000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	350	J			7.804	
017301-23-4	Undecane, 2,6-dimethyl-	750	J			8.222	
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	380	J			8.363	
	unknown8.451	670	J			8.451	
002051-30-1	Octane, 2,6-dimethyl-	1500	J			8.586	
053366-38-4	Cyclopentane, (2-methylbutyl)-	490	J			8.704	
	unknown9.045	440	J			9.045	
074645-98-0	Dodecane, 2,7,10-trimethyl-	1600	J			9.186	
1000406-37-5	Dodecyl nonyl ether	1000	J			9.328	
007098-21-7	Tritetracontane	1700	J			9.645	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	460	J			10.122	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	430	J			10.245	
003054-63-5	Dodecane, 4,9-dipropyl-	1700	J			10.58	
055045-11-9	Tridecane, 5-propyl-	610	J			10.851	

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	BP-G2	SDG No.:	BF110824
Lab Sample ID:	P4739-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140297.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	460	J			11.316	

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	BP-B2	SDG No.:	BF110824
Lab Sample ID:	P4739-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140298.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.5	U	59.5	190	230	ug/Kg
110-86-1	Pyridine	54.8	U	54.8	89.1	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	190	230	ug/Kg
62-53-3	Aniline	66.4	U	66.4	89.1	120	ug/Kg
108-95-2	Phenol	56.8	U	56.8	89.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.4	U	57.4	89.1	120	ug/Kg
95-57-8	2-Chlorophenol	57.2	U	57.2	89.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58	U	58	89.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59	U	59	89.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.3	U	59.3	89.1	120	ug/Kg
100-51-6	Benzyl Alcohol	56.9	U	56.9	190	230	ug/Kg
95-48-7	2-Methylphenol	55.3	U	55.3	89.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.3	U	62.3	89.1	120	ug/Kg
98-86-2	Acetophenone	59.6	U	59.6	89.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.7	U	54.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.6	U	27.6	54.8	54.8	ug/Kg
67-72-1	Hexachloroethane	56.9	U	56.9	89.1	120	ug/Kg
98-95-3	Nitrobenzene	62.2	U	62.2	89.1	120	ug/Kg
78-59-1	Isophorone	58	U	58	89.1	120	ug/Kg
88-75-5	2-Nitrophenol	64.8	U	64.8	89.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.9	U	63.9	89.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.8	U	58.8	89.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.8	U	51.8	89.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.5	U	58.5	89.1	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	2600	E	56.6	89.1	120	ug/Kg
106-47-8	4-Chloroaniline	56.6	U	56.6	89.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.1	U	57.1	89.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	BP-B2	SDG No.:	BF110824
Lab Sample ID:	P4739-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140298.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.5	U	59.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.1	U	53.1	89.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	2000	E	56.6	89.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.9	U	48.9	89.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.7	U	50.7	89.1	120	ug/Kg
92-52-4	1,1-Biphenyl	59.9	U	59.9	89.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.1	U	57.1	89.1	120	ug/Kg
88-74-4	2-Nitroaniline	65.1	U	65.1	89.1	120	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	89.1	120	ug/Kg
208-96-8	Acenaphthylene	59.3	U	59.3	89.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	89.1	120	ug/Kg
99-09-2	3-Nitroaniline	61.2	U	61.2	89.1	120	ug/Kg
83-32-9	Acenaphthene	55.6	U	55.6	89.1	120	ug/Kg
Total PAH	Total PAH	3767	U	908.4	89.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.5	U	79.5	190	230	ug/Kg
132-64-9	Dibenzofuran	57.9	U	57.9	89.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.1	U	116.1	89.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.1	U	59.1	89.1	120	ug/Kg
84-66-2	Diethylphthalate	54.9	U	54.9	89.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.7	U	58.7	89.1	120	ug/Kg
86-73-7	Fluorene	58.6	U	58.6	89.1	120	ug/Kg
100-01-6	4-Nitroaniline	73.4	U	73.4	89.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.2	U	80.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.9	U	55.9	89.1	120	ug/Kg
103-33-3	Azobenzene	54.6	U	54.6	89.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.1	U	54.1	89.1	120	ug/Kg
118-74-1	Hexachlorobenzene	58.3	U	58.3	89.1	120	ug/Kg
1912-24-9	Atrazine	62.7	U	62.7	89.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	BP-B2	SDG No.:	BF110824
Lab Sample ID:	P4739-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140298.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53	U	53	190	230	ug/Kg
85-01-8	Phenanthrene	220		57.6	89.1	120	ug/Kg
120-12-7	Anthracene	57.9	U	57.9	89.1	120	ug/Kg
86-74-8	Carbazole	55	U	55	89.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.8	U	57.8	89.1	120	ug/Kg
206-44-0	Fluoranthene	260		56	89.1	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	200		56.9	89.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.4	U	66.4	89.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.6	U	67.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	98.4	J	55.3	89.1	120	ug/Kg
218-01-9	Chrysene	100	J	54.5	89.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.4	U	62.4	89.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.4	U	75.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	130		55.6	89.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.6	U	56.6	89.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	63.8	89.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.5	U	53.5	89.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.7	U	55.7	89.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.6	J	54.9	89.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.5	U	59.5	89.1	120	ug/Kg
123-91-1	1,4-Dioxane	75.4	U	75.4	89.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.2	U	51.2	89.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		57	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.577		18-112		46	SPK: -150
13127-88-3	Phenol-d6	78.211		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	66.443		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	64.988		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	BP-B2	SDG No.:	BF110824
Lab Sample ID:	P4739-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140298.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.336		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	51.775		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105952	6.887				
1146-65-2	Naphthalene-d8	363590	8.163				
15067-26-2	Acenaphthene-d10	211950	9.916				
1517-22-2	Phenanthrene-d10	306984	11.404				
1719-03-5	Chrysene-d12	241924	14.057				
1520-96-3	Perylene-d12	188396	15.562				
TENTATIVE IDENTIFIED COMPOUNDS							
000592-27-8	Heptane, 2-methyl-	660	J			3.946	
000926-82-9	Heptane, 3,5-dimethyl-	720	J			5.034	
000100-41-4	Ethylbenzene	1800	J			5.381	
000108-38-3	Benzene, 1,3-dimethyl-	870	J			5.74	
000098-82-8	Benzene, (1-methylethyl)-	1100	J			6.057	
000103-65-1	Benzene, propyl-	2000	J			6.351	
006044-71-9	Dodecane, 6-methyl-	1300	J			6.392	
000611-14-3	Benzene, 1-ethyl-2-methyl-	2200	J			6.422	
000620-14-4	Benzene, 1-ethyl-3-methyl-	1500	J			6.451	
000622-96-8	Benzene, 1-ethyl-4-methyl-	1500	J			6.581	
000526-73-8	Benzene, 1,2,3-trimethyl-	4600	J			6.734	
000108-67-8	Mesitylene	2300	J			6.951	
000496-11-7	Indane	980	J			7.069	
000141-93-5	Benzene, 1,3-diethyl-	790	J			7.134	
001074-43-7	Benzene, 1-methyl-3-propyl-	1300	J			7.163	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	2700	J			7.21	
001074-55-1	Benzene, 1-methyl-4-propyl-	740	J			7.281	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	1100	J			7.351	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	720	J			7.375	

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	BP-B2	SDG No.:	BF110824
Lab Sample ID:	P4739-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Decanted :	
		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140298.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000824-90-8	1-Phenyl-1-butene	850	J			7.904	

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF110824
Lab Sample ID:	P4737-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140299.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.9	U	56.9	180	220	ug/Kg
110-86-1	Pyridine	52.4	U	52.4	85.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.6	U	63.6	85.3	110	ug/Kg
108-95-2	Phenol	54.4	U	54.4	85.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.9	U	54.9	85.3	110	ug/Kg
95-57-8	2-Chlorophenol	54.8	U	54.8	85.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.5	U	55.5	85.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.4	U	56.4	85.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.7	U	56.7	85.3	110	ug/Kg
100-51-6	Benzyl Alcohol	54.5	U	54.5	180	220	ug/Kg
95-48-7	2-Methylphenol	52.9	U	52.9	85.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.6	U	59.6	85.3	110	ug/Kg
98-86-2	Acetophenone	57	U	57	85.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.4	U	52.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.4	U	26.4	52.5	52.5	ug/Kg
67-72-1	Hexachloroethane	54.5	U	54.5	85.3	110	ug/Kg
98-95-3	Nitrobenzene	59.6	U	59.6	85.3	110	ug/Kg
78-59-1	Isophorone	55.5	U	55.5	85.3	110	ug/Kg
88-75-5	2-Nitrophenol	62	U	62	85.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.1	U	61.1	85.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.3	U	56.3	85.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.5	U	49.5	85.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56	U	56	85.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.2	U	54.2	85.3	110	ug/Kg
106-47-8	4-Chloroaniline	54.2	U	54.2	85.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.6	U	54.6	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF110824
Lab Sample ID:	P4737-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140299.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.9	U	56.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.8	U	50.8	85.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.1	U	54.1	85.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.8	U	46.8	85.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.5	U	48.5	85.3	110	ug/Kg
92-52-4	1,1-Biphenyl	57.3	U	57.3	85.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.6	U	54.6	85.3	110	ug/Kg
88-74-4	2-Nitroaniline	62.3	U	62.3	85.3	110	ug/Kg
131-11-3	Dimethylphthalate	53.6	U	53.6	85.3	110	ug/Kg
208-96-8	Acenaphthylene	56.7	U	56.7	85.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.6	U	54.6	85.3	110	ug/Kg
99-09-2	3-Nitroaniline	58.5	U	58.5	85.3	110	ug/Kg
83-32-9	Acenaphthene	53.2	U	53.2	85.3	110	ug/Kg
Total PAH	Total PAH	869.4	U	869.4	85.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.1	U	76.1	180	220	ug/Kg
132-64-9	Dibenzofuran	55.4	U	55.4	85.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.6	U	56.6	85.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.2	U	111.2	85.3	220	ug/Kg
84-66-2	Diethylphthalate	52.6	U	52.6	85.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.2	U	56.2	85.3	110	ug/Kg
86-73-7	Fluorene	56.1	U	56.1	85.3	110	ug/Kg
100-01-6	4-Nitroaniline	70.2	U	70.2	85.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.8	U	76.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.5	U	53.5	85.3	110	ug/Kg
103-33-3	Azobenzene	52.2	U	52.2	85.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.8	U	51.8	85.3	110	ug/Kg
118-74-1	Hexachlorobenzene	55.8	U	55.8	85.3	110	ug/Kg
1912-24-9	Atrazine	60	U	60	85.3	110	ug/Kg

Report of Analysis

Client:			Date Collected:	11/5/2024 12:00:00 AM	
Project:			Date Received:	11/5/2024 12:00:00 AM	
Client Sample ID:	TP2		SDG No.:	BF110824	
Lab Sample ID:	P4737-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	8.6	
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
BF140299.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.7	U	50.7	180	220	ug/Kg
85-01-8	Phenanthrene	55.1	U	55.1	85.3	110	ug/Kg
120-12-7	Anthracene	55.4	U	55.4	85.3	110	ug/Kg
86-74-8	Carbazole	52.7	U	52.7	85.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.3	U	55.3	85.3	110	ug/Kg
206-44-0	Fluoranthene	53.6	U	53.6	85.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.5	U	54.5	85.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.5	U	63.5	85.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.7	U	64.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	52.9	U	52.9	85.3	110	ug/Kg
218-01-9	Chrysene	52.2	U	52.2	85.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.7	U	59.7	85.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.2	U	72.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.2	U	53.2	85.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.2	U	54.2	85.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	61	85.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.2	U	51.2	85.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.3	U	53.3	85.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.6	U	52.6	85.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.9	U	56.9	85.3	110	ug/Kg
123-91-1	1,4-Dioxane	72.2	U	72.2	85.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	85.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.6	U	54.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.682		18-112		63	SPK: -150
13127-88-3	Phenol-d6	94.02		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	60.796		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	66.69		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BF110824
Lab Sample ID:	P4737-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140299.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.788		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	53.538		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126400	6.875				
1146-65-2	Naphthalene-d8	480686	8.157				
15067-26-2	Acenaphthene-d10	253851	9.916				
1517-22-2	Phenanthrene-d10	386774	11.404				
1719-03-5	Chrysene-d12	299224	14.057				
1520-96-3	Perylene-d12	236503	15.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.151	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	65.4	A			5.098	
000119-61-9	Benzophenone	180	J			10.627	
000057-10-3	n-Hexadecanoic acid	170	J			11.933	
001599-67-3	1-Docosene	160	J			13.898	

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2MS	SDG No.:	BF110824
Lab Sample ID:	P4737-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140300.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		56.9	180	220	ug/Kg
110-86-1	Pyridine	1100		52.4	85.3	110	ug/Kg
100-52-7	Benzaldehyde	220		120	180	220	ug/Kg
62-53-3	Aniline	680		63.5	85.3	110	ug/Kg
108-95-2	Phenol	1100		54.4	85.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		54.9	85.3	110	ug/Kg
95-57-8	2-Chlorophenol	1200		54.8	85.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		55.5	85.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		56.4	85.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		56.7	85.3	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		54.4	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		52.9	85.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		59.6	85.3	110	ug/Kg
98-86-2	Acetophenone	1100		57	85.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		52.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		26.4	52.5	52.5	ug/Kg
67-72-1	Hexachloroethane	1000		54.4	85.3	110	ug/Kg
98-95-3	Nitrobenzene	1000		59.5	85.3	110	ug/Kg
78-59-1	Isophorone	1100		55.5	85.3	110	ug/Kg
88-75-5	2-Nitrophenol	1200		62	85.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		61.1	85.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		56.3	85.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		49.5	85.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		56	85.3	110	ug/Kg
65-85-0	Benzoic acid	1100		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		54.2	85.3	110	ug/Kg
106-47-8	4-Chloroaniline	360		54.2	85.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		54.6	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2MS	SDG No.:	BF110824
Lab Sample ID:	P4737-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140300.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		56.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		50.8	85.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		54.1	85.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		46.8	85.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		48.5	85.3	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		57.3	85.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		54.6	85.3	110	ug/Kg
88-74-4	2-Nitroaniline	1100		62.3	85.3	110	ug/Kg
131-11-3	Dimethylphthalate	1200		53.6	85.3	110	ug/Kg
208-96-8	Acenaphthylene	1200		56.7	85.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		54.6	85.3	110	ug/Kg
99-09-2	3-Nitroaniline	660		58.5	85.3	110	ug/Kg
83-32-9	Acenaphthene	1100		53.2	85.3	110	ug/Kg
Total PAH	Total PAH	18240		869	85.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2400	E	76.1	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		55.3	85.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		111.1	85.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		56.5	85.3	110	ug/Kg
84-66-2	Diethylphthalate	1100		52.5	85.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		56.1	85.3	110	ug/Kg
86-73-7	Fluorene	1100		56.1	85.3	110	ug/Kg
100-01-6	4-Nitroaniline	950		70.2	85.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	710		76.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		53.5	85.3	110	ug/Kg
103-33-3	Azobenzene	1200		52.2	85.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		51.7	85.3	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		55.7	85.3	110	ug/Kg
1912-24-9	Atrazine	1600		59.9	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2MS	SDG No.:	BF110824
Lab Sample ID:	P4737-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140300.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2300	E	50.7	180	220	ug/Kg
85-01-8	Phenanthrene	1200		55.1	85.3	110	ug/Kg
120-12-7	Anthracene	1200		55.3	85.3	110	ug/Kg
86-74-8	Carbazole	1200		52.7	85.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		55.3	85.3	110	ug/Kg
206-44-0	Fluoranthene	1100		53.6	85.3	110	ug/Kg
92-87-5	Benzidine	1600		110	180	220	ug/Kg
129-00-0	Pyrene	990		54.4	85.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		63.5	85.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		64.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		52.9	85.3	110	ug/Kg
218-01-9	Chrysene	1200		52.1	85.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		59.7	85.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		72.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		53.2	85.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		54.2	85.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		61	85.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		51.2	85.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		53.3	85.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950		52.5	85.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		56.9	85.3	110	ug/Kg
123-91-1	1,4-Dioxane	1000		72.1	85.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		49	85.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	1000		54.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.964		18-112		63	SPK: -150
13127-88-3	Phenol-d6	94.456		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	63.69		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	67.618		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2MS	SDG No.:	BF110824
Lab Sample ID:	P4737-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140300.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.999		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	57.181		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122176	6.875				
1146-65-2	Naphthalene-d8	451887	8.157				
15067-26-2	Acenaphthene-d10	246982	9.916				
1517-22-2	Phenanthrene-d10	380764	11.41				
1719-03-5	Chrysene-d12	270987	14.063				
1520-96-3	Perylene-d12	205942	15.563				

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2MSD	SDG No.:	BF110824
Lab Sample ID:	P4737-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140301.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		56.9	180	220	ug/Kg
110-86-1	Pyridine	1100		52.4	85.2	110	ug/Kg
100-52-7	Benzaldehyde	230		120	180	220	ug/Kg
62-53-3	Aniline	740		63.5	85.2	110	ug/Kg
108-95-2	Phenol	1200		54.3	85.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		54.9	85.2	110	ug/Kg
95-57-8	2-Chlorophenol	1200		54.7	85.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		55.5	85.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		56.4	85.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		56.7	85.2	110	ug/Kg
100-51-6	Benzyl Alcohol	1200		54.4	180	220	ug/Kg
95-48-7	2-Methylphenol	1200		52.8	85.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		59.6	85.2	110	ug/Kg
98-86-2	Acetophenone	1100		57	85.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	1200		52.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		26.4	52.4	52.4	ug/Kg
67-72-1	Hexachloroethane	1000		54.4	85.2	110	ug/Kg
98-95-3	Nitrobenzene	1100		59.5	85.2	110	ug/Kg
78-59-1	Isophorone	1100		55.5	85.2	110	ug/Kg
88-75-5	2-Nitrophenol	1200		61.9	85.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		61.1	85.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		56.2	85.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		49.5	85.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		56	85.2	110	ug/Kg
65-85-0	Benzoic acid	1100		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		54.1	85.2	110	ug/Kg
106-47-8	4-Chloroaniline	390		54.1	85.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		54.6	85.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2MSD	SDG No.:	BF110824
Lab Sample ID:	P4737-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140301.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		56.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		50.8	85.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		54.1	85.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		46.8	85.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		48.5	85.2	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		57.3	85.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		54.6	85.2	110	ug/Kg
88-74-4	2-Nitroaniline	1200		62.3	85.2	110	ug/Kg
131-11-3	Dimethylphthalate	1200		53.6	85.2	110	ug/Kg
208-96-8	Acenaphthylene	1200		56.7	85.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		54.5	85.2	110	ug/Kg
99-09-2	3-Nitroaniline	670		58.5	85.2	110	ug/Kg
83-32-9	Acenaphthene	1200		53.2	85.2	110	ug/Kg
Total PAH	Total PAH	18680		868.6	85.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2500	E	76	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		55.3	85.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		111	85.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		56.5	85.2	110	ug/Kg
84-66-2	Diethylphthalate	1200		52.5	85.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		56.1	85.2	110	ug/Kg
86-73-7	Fluorene	1100		56	85.2	110	ug/Kg
100-01-6	4-Nitroaniline	970		70.1	85.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	800		76.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		53.5	85.2	110	ug/Kg
103-33-3	Azobenzene	1200		52.2	85.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		51.7	85.2	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		55.7	85.2	110	ug/Kg
1912-24-9	Atrazine	1600		59.9	85.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2MSD	SDG No.:	BF110824
Lab Sample ID:	P4737-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140301.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	50.7	180	220	ug/Kg
85-01-8	Phenanthrene	1200		55.1	85.2	110	ug/Kg
120-12-7	Anthracene	1200		55.3	85.2	110	ug/Kg
86-74-8	Carbazole	1200		52.6	85.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		55.3	85.2	110	ug/Kg
206-44-0	Fluoranthene	1200		53.6	85.2	110	ug/Kg
92-87-5	Benzidine	1800	E	110	180	220	ug/Kg
129-00-0	Pyrene	1000		54.4	85.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		63.5	85.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		64.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		52.9	85.2	110	ug/Kg
218-01-9	Chrysene	1200		52.1	85.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		59.7	85.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		72.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		53.2	85.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		54.1	85.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		61	85.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		51.2	85.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		53.2	85.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	980		52.5	85.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		56.9	85.2	110	ug/Kg
123-91-1	1,4-Dioxane	1100		72.1	85.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		49	85.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	1100		54.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.877		18-112		65	SPK: -150
13127-88-3	Phenol-d6	97.644		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	64.978		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	69.165		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	TP2MSD	SDG No.:	BF110824
Lab Sample ID:	P4737-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140301.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.323		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	59.485		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119710	6.875				
1146-65-2	Naphthalene-d8	448822	8.157				
15067-26-2	Acenaphthene-d10	245092	9.916				
1517-22-2	Phenanthrene-d10	382682	11.41				
1719-03-5	Chrysene-d12	271857	14.063				
1520-96-3	Perylene-d12	209874	15.568				

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	72-12018	SDG No.:	BF110824
Lab Sample ID:	P4738-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	82.5
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140302.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	300	U	300	930	1100	ug/Kg
110-86-1	Pyridine	270	U	270	450	580	ug/Kg
100-52-7	Benzaldehyde	620	U	620	930	1100	ug/Kg
62-53-3	Aniline	330	U	330	450	580	ug/Kg
108-95-2	Phenol	280	U	280	450	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	290	450	580	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	450	580	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	450	580	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	450	580	ug/Kg
106-46-7	1,4-Dichlorobenzene	300	U	300	450	580	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	930	1100	ug/Kg
95-48-7	2-Methylphenol	280	U	280	450	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	450	580	ug/Kg
98-86-2	Acetophenone	300	U	300	450	580	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	930	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	450	580	ug/Kg
98-95-3	Nitrobenzene	310	U	310	450	580	ug/Kg
78-59-1	Isophorone	290	U	290	450	580	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	450	580	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	450	580	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	450	580	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	450	580	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	450	580	ug/Kg
65-85-0	Benzoic acid	810	U	810	930	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	450	580	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	450	580	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	450	580	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	72-12018	SDG No.:	BF110824
Lab Sample ID:	P4738-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	82.5
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140302.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	300	U	300	930	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270	U	270	450	580	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	450	580	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530	U	530	930	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	450	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	450	580	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	450	580	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	450	580	ug/Kg
88-74-4	2-Nitroaniline	330	U	330	450	580	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	450	580	ug/Kg
208-96-8	Acenaphthylene	300	U	300	450	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	290	U	290	450	580	ug/Kg
99-09-2	3-Nitroaniline	310	U	310	450	580	ug/Kg
83-32-9	Acenaphthene	280	U	280	450	580	ug/Kg
Total PAH	Total PAH	4540	U	4540	450	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	830	U	830	930	1100	ug/Kg
100-02-7	4-Nitrophenol	400	U	400	930	1100	ug/Kg
132-64-9	Dibenzofuran	290	U	290	450	580	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	U	300	450	580	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	590	U	590	450	1160	ug/Kg
84-66-2	Diethylphthalate	270	U	270	450	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	450	580	ug/Kg
86-73-7	Fluorene	290	U	290	450	580	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	450	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	930	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	450	580	ug/Kg
103-33-3	Azobenzene	270	U	270	450	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	450	580	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	450	580	ug/Kg
1912-24-9	Atrazine	310	U	310	450	580	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	72-12018	SDG No.:	BF110824
Lab Sample ID:	P4738-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	82.5
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140302.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	930	1100	ug/Kg
85-01-8	Phenanthrene	290	U	290	450	580	ug/Kg
120-12-7	Anthracene	290	U	290	450	580	ug/Kg
86-74-8	Carbazole	280	U	280	450	580	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	450	580	ug/Kg
206-44-0	Fluoranthene	280	U	280	450	580	ug/Kg
92-87-5	Benzidine	560	U	560	930	1100	ug/Kg
129-00-0	Pyrene	280	U	280	450	580	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	450	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	340	U	340	930	1100	ug/Kg
56-55-3	Benzo(a)anthracene	280	U	280	450	580	ug/Kg
218-01-9	Chrysene	270	U	270	450	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	450	580	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	930	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	U	280	450	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	U	280	450	580	ug/Kg
50-32-8	Benzo(a)pyrene	320	U	320	450	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	U	270	450	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	U	280	450	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270	U	270	450	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	450	580	ug/Kg
123-91-1	1,4-Dioxane	380	U	380	450	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	450	580	ug/Kg
90-12-0	1-Methylnaphthalene	290	U	290	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.679		18-112		62	SPK: -150
13127-88-3	Phenol-d6	91.507		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	53.886		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	56.627		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	72-12018	SDG No.:	BF110824
Lab Sample ID:	P4738-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	82.5
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140302.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.149		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	48.323		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106168	6.875				
1146-65-2	Naphthalene-d8	429844	8.157				
15067-26-2	Acenaphthene-d10	207340	9.916				
1517-22-2	Phenanthrene-d10	303824	11.404				
1719-03-5	Chrysene-d12	233652	14.057				
1520-96-3	Perylene-d12	185310	15.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8400	J			2.152	
000513-86-0	Acetoin	2100	J			2.669	
000110-43-0	2-Heptanone	1800	J			5.675	
000111-87-5	1-Octanol	15500	J			7.257	
000150-76-5	Mequinol	7900	J			8.251	
000112-30-1	1-Decanol	8000	J			8.587	
000334-48-5	n-Decanoic acid	1700	J			9.081	
000872-05-9	1-Decene	6700	J			9.716	
000544-76-3	Hexadecane	1400	J			10.345	
000629-50-5	Tridecane	2600	J			10.822	
000057-10-3	n-Hexadecanoic acid	2500	J			11.933	
004534-59-2	Benzene, (1-methyltridecyl)-	6100	J			12.21	
000112-35-6	Ethanol, 2-[2-(2-methoxyethoxy)eth	1500	J			12.386	
1000160-13-8	.alpha.-D-Mannofuranoside, 1-nonyl	2100	J			13.251	
	unknown13.298	2500	J			13.298	
	unknown13.757	6200	J			13.757	
003386-18-3	2-[2-[2-[2-[2-[2-[2-(2-Hydroxye	2600	J			13.845	
029836-26-8	Octyl-.beta.-D-glucopyranoside	2800	J			14.451	
017455-13-9	1,4,7,10,13,16-Hexaoxacyclooctadec	3000	J			14.716	

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	72-12018	SDG No.:	BF110824
Lab Sample ID:	P4738-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	82.5
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140302.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
033100-27-5	15-Crown-5	2300	J			15.721	

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-2(0-6)	SDG No.:	BF110824
Lab Sample ID:	P4722-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF140303.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.1	U	96.1	300	370	ug/Kg
110-86-1	Pyridine	88.5	U	88.5	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.8	U	91.8	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.7	U	92.7	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.5	U	92.5	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.7	U	93.7	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.2	U	95.2	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.8	U	95.8	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.9	U	91.9	300	370	ug/Kg
95-48-7	2-Methylphenol	89.2	U	89.2	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.2	U	96.2	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.4	U	88.4	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.6	U	44.6	88.6	88.6	ug/Kg
67-72-1	Hexachloroethane	91.9	U	91.9	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.7	U	93.7	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95	U	95	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.6	U	83.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.6	U	94.6	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	160	J	91.5	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.5	U	91.5	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.2	U	92.2	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-2(0-6)	SDG No.:	BF110824
Lab Sample ID:	P4722-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF140303.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.1	U	96.1	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.8	U	85.8	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.4	U	91.4	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.1	U	79.1	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.9	U	81.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.8	U	96.8	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.2	U	92.2	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.5	U	90.5	140	190	ug/Kg
208-96-8	Acenaphthylene	140	J	95.8	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.1	U	92.1	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.8	U	98.8	140	190	ug/Kg
83-32-9	Acenaphthene	250		89.8	140	190	ug/Kg
Total PAH	Total PAH	18040		1464.5	140	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	150	J	93.5	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.5	U	187.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.4	U	95.4	140	190	ug/Kg
84-66-2	Diethylphthalate	88.7	U	88.7	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.8	U	94.8	140	190	ug/Kg
86-73-7	Fluorene	210		94.7	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.4	U	90.4	140	190	ug/Kg
103-33-3	Azobenzene	88.1	U	88.1	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.4	U	87.4	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.1	U	94.1	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-2(0-6)	SDG No.:	BF110824
Lab Sample ID:	P4722-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF140303.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.6	U	85.6	300	370	ug/Kg
85-01-8	Phenanthrene	2200		93	140	190	ug/Kg
120-12-7	Anthracene	600		93.5	140	190	ug/Kg
86-74-8	Carbazole	220		88.9	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.3	U	93.3	140	190	ug/Kg
206-44-0	Fluoranthene	3000	E	90.5	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	2300		91.9	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1600		89.4	140	190	ug/Kg
218-01-9	Chrysene	1400		88	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		89.8	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	620		91.5	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	1600		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770		86.5	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260		89.9	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		88.7	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.1	U	96.1	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.7	U	82.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.1	U	92.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.753		18-112		67	SPK: -150
13127-88-3	Phenol-d6	97.688		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	66.464		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	71.326		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-2(0-6)	SDG No.:	BF110824
Lab Sample ID:	P4722-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF140303.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.73		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	58.294		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115521	6.875				
1146-65-2	Naphthalene-d8	425723	8.157				
15067-26-2	Acenaphthene-d10	222785	9.916				
1517-22-2	Phenanthrene-d10	343931	11.404				
1719-03-5	Chrysene-d12	256443	14.068				
1520-96-3	Perylene-d12	206534	15.58				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2700	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.098	
000119-61-9	Benzophenone	230	J			10.628	
001730-37-6	9H-Fluorene, 1-methyl-	99.3	J			11.01	
000486-25-9	9H-Fluoren-9-one	97.8	J			11.21	
000132-65-0	Dibenzothiophene	130	J			11.304	
002531-84-2	Phenanthrene, 2-methyl-	220	J			11.91	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	640	J			11.933	
004505-48-0	1H-Indene, 2-phenyl-	150	J			11.986	
000203-64-5	4H-Cyclopenta[def]phenanthrene	590	J			12.022	
003770-48-7	4-Methylcarbazole	98.9	J			12.11	
000612-94-2	Naphthalene, 2-phenyl-	180	J			12.204	
003674-65-5	Phenanthrene, 2,3-dimethyl-	200	J			12.463	
	unknown12.498	160	J			12.498	
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			12.545	
002381-21-7	Pyrene, 1-methyl-	100	J			13.069	
033543-31-6	Fluoranthene, 2-methyl-	140	J			13.18	
000479-79-8	11H-Benzo[a]fluoren-11-one	160	J			13.904	
000192-97-2	Benzo[e]pyrene	260	J			15.251	

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-2(0-6)	SDG No.:	BF110824
Lab Sample ID:	P4722-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BF140303.D	1	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	1000	J			15.457	

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	TP-11	SDG No.:	BF110824
Lab Sample ID:	P4739-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140304.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.6	U	52.6	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.5	U	98.5	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	TP-11	SDG No.:	BF110824
Lab Sample ID:	P4739-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140304.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.1	U	93.1	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.5	U	96.5	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	2040	U	1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	TP-11	SDG No.:	BF110824
Lab Sample ID:	P4739-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140304.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	140	J	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	340		110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	270		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	200	J	110	170	220	ug/Kg
218-01-9	Chrysene	200	J	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	240		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.4	U	97.4	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.266		18-112		51	SPK: -150
13127-88-3	Phenol-d6	76.34		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	50.13		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	60.648		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	TP-11	SDG No.:	BF110824
Lab Sample ID:	P4739-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140304.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.522		10-116		44	SPK: -150
1718-51-0	Terphenyl-d14	53.73		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120884	6.875				
1146-65-2	Naphthalene-d8	437838	8.157				
15067-26-2	Acenaphthene-d10	216596	9.916				
1517-22-2	Phenanthrene-d10	349249	11.404				
1719-03-5	Chrysene-d12	251618	14.057				
1520-96-3	Perylene-d12	196092	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	820	J			2.122	
000611-14-3	Benzene, 1-ethyl-2-methyl-	110	J			6.404	
000108-67-8	Mesitylene	240	J			6.704	
000119-61-9	Benzophenone	99.1	J			10.628	
000057-10-3	n-Hexadecanoic acid	200	J			11.928	

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-1(0-6)	SDG No.:	BF110824
Lab Sample ID:	P4722-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140305.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	180	U	180	580	700	ug/Kg
110-86-1	Pyridine	170	U	170	280	360	ug/Kg
100-52-7	Benzaldehyde	390	U	390	580	700	ug/Kg
62-53-3	Aniline	210	U	210	280	360	ug/Kg
108-95-2	Phenol	180	U	180	280	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	180	280	360	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	280	360	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	180	280	360	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	180	280	360	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	180	280	360	ug/Kg
100-51-6	Benzyl Alcohol	180	U	180	580	700	ug/Kg
95-48-7	2-Methylphenol	170	U	170	280	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	280	360	ug/Kg
98-86-2	Acetophenone	190	U	190	280	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	580	700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	85.9	U	85.9	170	170	ug/Kg
67-72-1	Hexachloroethane	180	U	180	280	360	ug/Kg
98-95-3	Nitrobenzene	190	U	190	280	360	ug/Kg
78-59-1	Isophorone	180	U	180	280	360	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	280	360	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	280	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	280	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	280	360	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	180	U	180	280	360	ug/Kg
65-85-0	Benzoic acid	500	U	500	580	700	ug/Kg
91-20-3	Naphthalene	180	U	180	280	360	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	280	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	280	360	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-1(0-6)	SDG No.:	BF110824
Lab Sample ID:	P4722-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140305.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	180	U	180	580	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	280	360	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	280	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	330	580	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	280	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	280	360	ug/Kg
92-52-4	1,1-Biphenyl	190	U	190	280	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	180	280	360	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	280	360	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	280	360	ug/Kg
208-96-8	Acenaphthylene	180	U	180	280	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	280	360	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	280	360	ug/Kg
83-32-9	Acenaphthene	170	U	170	280	360	ug/Kg
Total PAH	Total PAH	8650	U	2820	280	5760	ug/Kg
51-28-5	2,4-Dinitrophenol	520	U	520	580	700	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	580	700	ug/Kg
132-64-9	Dibenzofuran	180	U	180	280	360	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	360	U	360	280	720	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	280	360	ug/Kg
84-66-2	Diethylphthalate	170	U	170	280	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	280	360	ug/Kg
86-73-7	Fluorene	180	U	180	280	360	ug/Kg
100-01-6	4-Nitroaniline	230	U	230	280	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	580	700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	280	360	ug/Kg
103-33-3	Azobenzene	170	U	170	280	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	280	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	280	360	ug/Kg
1912-24-9	Atrazine	190	U	190	280	360	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-1(0-6)	SDG No.:	BF110824
Lab Sample ID:	P4722-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140305.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	160	U	160	580	700	ug/Kg
85-01-8	Phenanthrene	910		180	280	360	ug/Kg
120-12-7	Anthracene	230	J	180	280	360	ug/Kg
86-74-8	Carbazole	170	U	170	280	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	280	360	ug/Kg
206-44-0	Fluoranthene	1600		170	280	360	ug/Kg
92-87-5	Benzidine	350	U	350	580	700	ug/Kg
129-00-0	Pyrene	1400		180	280	360	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	280	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	580	700	ug/Kg
56-55-3	Benzo(a)anthracene	890		170	280	360	ug/Kg
218-01-9	Chrysene	680		170	280	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	280	360	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	580	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		170	280	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	430		180	280	360	ug/Kg
50-32-8	Benzo(a)pyrene	830		200	280	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	380		170	280	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	280	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	450		170	280	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	280	360	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	280	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	280	360	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	360	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.394		18-112		55	SPK: -150
13127-88-3	Phenol-d6	80.3		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	55.862		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	62.464		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	WC-1(0-6)	SDG No.:	BF110824
Lab Sample ID:	P4722-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140305.D	2	11/7/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.29		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	60.194		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116360	6.875				
1146-65-2	Naphthalene-d8	402526	8.157				
15067-26-2	Acenaphthene-d10	201087	9.916				
1517-22-2	Phenanthrene-d10	343480	11.404				
1719-03-5	Chrysene-d12	223839	14.057				
1520-96-3	Perylene-d12	183726	15.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			10.628	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	490	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	310	J			12.022	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4	SDG No.:	BF110824
Lab Sample ID:	P4756-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140306.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.6	U	58.6	180	220	ug/Kg
110-86-1	Pyridine	53.9	U	53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.4	U	65.4	87.7	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.5	U	56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	56.4	U	56.4	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.1	U	57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58	U	58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.4	U	58.4	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	56	U	56	180	220	ug/Kg
95-48-7	2-Methylphenol	54.4	U	54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.3	U	61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	58.6	U	58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.9	U	53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	56	U	56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	61.3	U	61.3	87.7	110	ug/Kg
78-59-1	Isophorone	57.1	U	57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	63.8	U	63.8	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.9	U	62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.9	U	57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.6	U	57.6	87.7	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.7	U	55.7	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	55.7	U	55.7	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.2	U	56.2	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4	SDG No.:	BF110824
Lab Sample ID:	P4756-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140306.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.6	U	58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.3	U	52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.7	U	55.7	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.2	U	48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	59	U	59	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.2	U	56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	64.1	U	64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	55.1	U	55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	58.4	U	58.4	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	60.2	U	60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	87.7	110	ug/Kg
Total PAH	Total PAH	894.3	U	894.3	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.3	U	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	57	U	57	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.3	U	114.3	87.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.2	U	58.2	87.7	110	ug/Kg
84-66-2	Diethylphthalate	54.1	U	54.1	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.8	U	57.8	87.7	110	ug/Kg
86-73-7	Fluorene	57.7	U	57.7	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	72.2	U	72.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	79	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.1	U	55.1	87.7	110	ug/Kg
103-33-3	Azobenzene	53.7	U	53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	57.4	U	57.4	87.7	110	ug/Kg
1912-24-9	Atrazine	61.7	U	61.7	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4	SDG No.:	BF110824
Lab Sample ID:	P4756-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140306.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.2	U	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	56.7	U	56.7	87.7	110	ug/Kg
120-12-7	Anthracene	57	U	57	87.7	110	ug/Kg
86-74-8	Carbazole	54.2	U	54.2	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.9	U	56.9	87.7	110	ug/Kg
206-44-0	Fluoranthene	55.1	U	55.1	87.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56	U	56	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.3	U	65.3	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.5	U	66.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.5	U	54.5	87.7	110	ug/Kg
218-01-9	Chrysene	53.7	U	53.7	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.4	U	61.4	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.2	U	74.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.7	U	54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.8	U	62.8	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.7	U	52.7	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.8	U	54.8	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.1	U	54.1	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.6	U	58.6	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	74.2	U	74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.4	U	50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.651		18-112		76	SPK: -150
13127-88-3	Phenol-d6	115.04		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	77.137		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	86.043		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4	SDG No.:	BF110824
Lab Sample ID:	P4756-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140306.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.645		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	78.415		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106091	6.881				
1146-65-2	Naphthalene-d8	372688	8.157				
15067-26-2	Acenaphthene-d10	187605	9.916				
1517-22-2	Phenanthrene-d10	321471	11.404				
1719-03-5	Chrysene-d12	223641	14.057				
1520-96-3	Perylene-d12	176151	15.556				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.157	
004744-10-9	Propane, 1,1-dimethoxy-	61	J			2.269	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.098	
000119-61-9	Benzophenone	200	J			10.627	
000057-10-3	n-Hexadecanoic acid	220	J			11.933	
	unknown	12.857	J			12.857	
074685-33-9	3-Eicosene, (E)-	160	J			13.892	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4MS	SDG No.:	BF110824
Lab Sample ID:	P4756-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
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
BF140307.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		58.6	180	220	ug/Kg
110-86-1	Pyridine	1000		54	87.8	110	ug/Kg
100-52-7	Benzaldehyde	230		120	180	220	ug/Kg
62-53-3	Aniline	960		65.4	87.8	110	ug/Kg
108-95-2	Phenol	1200		56	87.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		56.5	87.8	110	ug/Kg
95-57-8	2-Chlorophenol	1200		56.4	87.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.1	87.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58.1	87.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58.4	87.8	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		56	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.4	87.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		61.4	87.8	110	ug/Kg
98-86-2	Acetophenone	1200		58.7	87.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	920		56	87.8	110	ug/Kg
98-95-3	Nitrobenzene	1100		61.3	87.8	110	ug/Kg
78-59-1	Isophorone	1100		57.1	87.8	110	ug/Kg
88-75-5	2-Nitrophenol	1100		63.8	87.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		62.9	87.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		57.9	87.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		51	87.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		57.7	87.8	110	ug/Kg
65-85-0	Benzoic acid	930		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		55.8	87.8	110	ug/Kg
106-47-8	4-Chloroaniline	580		55.8	87.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.3	87.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4MS	SDG No.:	BF110824
Lab Sample ID:	P4756-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
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
BF140307.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.3	87.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		55.7	87.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	860		110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		48.2	87.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		50	87.8	110	ug/Kg
92-52-4	1,1-Biphenyl	1300		59	87.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		56.3	87.8	110	ug/Kg
88-74-4	2-Nitroaniline	1300		64.2	87.8	110	ug/Kg
131-11-3	Dimethylphthalate	1300		55.2	87.8	110	ug/Kg
208-96-8	Acenaphthylene	1300		58.4	87.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.2	87.8	110	ug/Kg
99-09-2	3-Nitroaniline	1100		60.2	87.8	110	ug/Kg
83-32-9	Acenaphthene	1100		54.8	87.8	110	ug/Kg
Total PAH	Total PAH	20100		894.8	87.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	280		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2500	E	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		57	87.8	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.2	87.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		114.4	87.8	220	ug/Kg
84-66-2	Diethylphthalate	1200		54.1	87.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		57.8	87.8	110	ug/Kg
86-73-7	Fluorene	1200		57.7	87.8	110	ug/Kg
100-01-6	4-Nitroaniline	1200		72.3	87.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	J	79	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		55.1	87.8	110	ug/Kg
103-33-3	Azobenzene	1200		53.8	87.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		53.3	87.8	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		57.4	87.8	110	ug/Kg
1912-24-9	Atrazine	1600		61.7	87.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4MS	SDG No.:	BF110824
Lab Sample ID:	P4756-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
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
BF140307.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2600	E	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	1300		56.7	87.8	110	ug/Kg
120-12-7	Anthracene	1300		57	87.8	110	ug/Kg
86-74-8	Carbazole	1300		54.2	87.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		56.9	87.8	110	ug/Kg
206-44-0	Fluoranthene	1400		55.2	87.8	110	ug/Kg
92-87-5	Benzidine	3200	E	110	180	220	ug/Kg
129-00-0	Pyrene	1300		56	87.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	1400		65.4	87.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		66.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		54.5	87.8	110	ug/Kg
218-01-9	Chrysene	1300		53.7	87.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		61.4	87.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		74.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		54.8	87.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		55.8	87.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	1400		62.8	87.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		52.7	87.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		54.8	87.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		54.1	87.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		58.6	87.8	110	ug/Kg
123-91-1	1,4-Dioxane	960		74.3	87.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		50.4	87.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	1000		56.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.695		18-112		66	SPK: -150
13127-88-3	Phenol-d6	100.327		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	68.751		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	77.023		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4MS	SDG No.:	BF110824
Lab Sample ID:	P4756-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
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
BF140307.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.646		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	75.538		10-105		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111731	6.881				
1146-65-2	Naphthalene-d8	394140	8.163				
15067-26-2	Acenaphthene-d10	192644	9.916				
1517-22-2	Phenanthrene-d10	322020	11.41				
1719-03-5	Chrysene-d12	212503	14.063				
1520-96-3	Perylene-d12	174450	15.562				

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4MSD	SDG No.:	BF110824
Lab Sample ID:	P4756-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140308.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		58.6	180	220	ug/Kg
110-86-1	Pyridine	1000		53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	220		120	180	220	ug/Kg
62-53-3	Aniline	960		65.4	87.7	110	ug/Kg
108-95-2	Phenol	1200		55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	1200		56.3	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58.4	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		56	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	1200		58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		53.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	920		56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	1100		61.3	87.7	110	ug/Kg
78-59-1	Isophorone	1100		57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	1100		63.8	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		50.9	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		57.6	87.7	110	ug/Kg
65-85-0	Benzoic acid	940		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		55.7	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	640		55.7	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.2	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4MSD	SDG No.:	BF110824
Lab Sample ID:	P4756-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140308.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		55.7	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000		110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		59	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	1300		64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	1300		55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	1300		58.4	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	1100		60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	1100		54.7	87.7	110	ug/Kg
Total PAH	Total PAH	19600		894	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	370		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2500	E	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		56.9	87.7	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.2	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		114.3	87.7	220	ug/Kg
84-66-2	Diethylphthalate	1200		54	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		57.8	87.7	110	ug/Kg
86-73-7	Fluorene	1100		57.7	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	1200		72.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	J	78.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		55.1	87.7	110	ug/Kg
103-33-3	Azobenzene	1200		53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		57.4	87.7	110	ug/Kg
1912-24-9	Atrazine	1600		61.7	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4MSD	SDG No.:	BF110824
Lab Sample ID:	P4756-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140308.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2600	E	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	1300		56.7	87.7	110	ug/Kg
120-12-7	Anthracene	1300		56.9	87.7	110	ug/Kg
86-74-8	Carbazole	1300		54.2	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		56.9	87.7	110	ug/Kg
206-44-0	Fluoranthene	1300		55.1	87.7	110	ug/Kg
92-87-5	Benzidine	3200	E	110	180	220	ug/Kg
129-00-0	Pyrene	1300		56	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		65.3	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		66.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		54.5	87.7	110	ug/Kg
218-01-9	Chrysene	1300		53.6	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		61.4	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		74.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		62.8	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		52.7	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		54.8	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		54	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		58.6	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	940		74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	1000		56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.062		18-112		65	SPK: -150
13127-88-3	Phenol-d6	99.362		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	68.443		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	75.45		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	BP-B4MSD	SDG No.:	BF110824
Lab Sample ID:	P4756-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
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
BF140308.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.695		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	74.992		10-105		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110036	6.881				
1146-65-2	Naphthalene-d8	391943	8.163				
15067-26-2	Acenaphthene-d10	195155	9.916				
1517-22-2	Phenanthrene-d10	332415	11.41				
1719-03-5	Chrysene-d12	214633	14.063				
1520-96-3	Perylene-d12	179498	15.563				

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-1	SDG No.:	BF110824
Lab Sample ID:	P4768-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140309.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92	U	92	290	350	ug/Kg
110-86-1	Pyridine	84.7	U	84.7	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.8	U	87.8	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.7	U	88.7	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.5	U	88.5	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.6	U	89.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91.1	U	91.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.6	U	91.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.9	U	87.9	290	350	ug/Kg
95-48-7	2-Methylphenol	85.4	U	85.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.3	U	96.3	140	180	ug/Kg
98-86-2	Acetophenone	92.1	U	92.1	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.5	U	84.5	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.8	84.8	ug/Kg
67-72-1	Hexachloroethane	87.9	U	87.9	140	180	ug/Kg
98-95-3	Nitrobenzene	96.2	U	96.2	140	180	ug/Kg
78-59-1	Isophorone	89.6	U	89.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.7	U	98.7	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.9	U	90.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	80	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.5	U	90.5	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.5	U	87.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.5	U	87.5	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.3	U	88.3	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-1	SDG No.:	BF110824
Lab Sample ID:	P4768-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140309.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	92	U	92	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.1	U	82.1	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.4	U	87.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.6	U	75.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.4	U	78.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.6	U	92.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.3	U	88.3	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.6	U	86.6	140	180	ug/Kg
208-96-8	Acenaphthylene	91.6	U	91.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.1	U	88.1	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.5	U	94.5	140	180	ug/Kg
83-32-9	Acenaphthene	85.9	U	85.9	140	180	ug/Kg
Total PAH	Total PAH	1403.7	U	1403.7	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	89.4	U	89.4	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79.4	U	179.4	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	140	180	ug/Kg
84-66-2	Diethylphthalate	84.9	U	84.9	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.7	U	90.7	140	180	ug/Kg
86-73-7	Fluorene	90.6	U	90.6	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	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.5	U	86.5	140	180	ug/Kg
103-33-3	Azobenzene	84.3	U	84.3	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90.1	U	90.1	140	180	ug/Kg
1912-24-9	Atrazine	96.8	U	96.8	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-1	SDG No.:	BF110824
Lab Sample ID:	P4768-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140309.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.9	U	81.9	290	350	ug/Kg
85-01-8	Phenanthrene	89	U	89	140	180	ug/Kg
120-12-7	Anthracene	89.4	U	89.4	140	180	ug/Kg
86-74-8	Carbazole	85.1	U	85.1	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	140	180	ug/Kg
206-44-0	Fluoranthene	86.6	U	86.6	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	93.5	J	87.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.5	U	85.5	140	180	ug/Kg
218-01-9	Chrysene	84.2	U	84.2	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.4	U	96.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.9	U	85.9	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.5	U	87.5	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.5	U	98.5	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.7	U	82.7	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	U	86	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.9	U	84.9	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92	U	92	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	79.1	U	79.1	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	88.1	U	88.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.509		18-112		50	SPK: -150
13127-88-3	Phenol-d6	72.628		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	49.723		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	55.86		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-1	SDG No.:	BF110824
Lab Sample ID:	P4768-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140309.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.636		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	61.457		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113687	6.881				
1146-65-2	Naphthalene-d8	388933	8.157				
15067-26-2	Acenaphthene-d10	199747	9.916				
1517-22-2	Phenanthrene-d10	347898	11.41				
1719-03-5	Chrysene-d12	189190	14.069				
1520-96-3	Perylene-d12	170096	15.586				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.128	
	unknown5.093	210	J			5.093	
003404-61-3	1-Hexene, 3-methyl-	120	J			5.804	
054934-90-6	Cyclohexane, 1,1-(1-methylethylid	130	J			5.893	
075144-24-0	2-sec-Butyl-3-methyl-1-pentene	84.4	J			6.316	
063830-69-3	4-Nonene, 3-methyl-, (Z)-	340	J			6.416	
001839-88-9	Cyclohexane, 1,2,3-trimethyl-, (1.	97.5	J			6.657	
000693-62-9	4-Undecene, (E)-	200	J			7.145	
025183-82-8	1-Cyclohexyl-2-methyl-prop-2-en-1-	120	J			7.304	
	unknown7.516	190	J			7.516	
1000152-47-3	trans-Decalin, 2-methyl-	130	J			7.681	
002958-76-1	Naphthalene, decahydro-2-methyl-	140	J			7.798	
017302-36-2	5-Ethyldecane	96.8	J			8.21	
	unknown8.245	96.4	J			8.245	
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	170	J			8.363	
066660-42-2	cis, cis-3-Ethylbicyclo[4.4.0]deca	180	J			8.445	
061141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	150	J			8.598	
024949-42-6	6-Tridecene, 7-methyl-	99.2	J			8.698	
017453-94-0	Undecane, 5-ethyl-	120	J			8.839	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-1	SDG No.:	BF110824
Lab Sample ID:	P4768-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140309.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000119-61-9	Benzophenone	340	J			10.628	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-6-2	SDG No.:	BF110824
Lab Sample ID:	P4768-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140310.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.9	U	91.9	290	350	ug/Kg
110-86-1	Pyridine	84.6	U	84.6	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.8	U	87.8	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.6	U	88.6	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.4	U	88.4	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.6	U	89.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91.1	U	91.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.6	U	91.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.9	U	87.9	290	350	ug/Kg
95-48-7	2-Methylphenol	85.4	U	85.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.3	U	96.3	140	180	ug/Kg
98-86-2	Acetophenone	92	U	92	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.5	U	84.5	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.7	84.7	ug/Kg
67-72-1	Hexachloroethane	87.9	U	87.9	140	180	ug/Kg
98-95-3	Nitrobenzene	96.2	U	96.2	140	180	ug/Kg
78-59-1	Isophorone	89.6	U	89.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.7	U	98.7	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.9	U	90.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	80	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.4	U	90.4	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.5	U	87.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.5	U	87.5	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.2	U	88.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-6-2	SDG No.:	BF110824
Lab Sample ID:	P4768-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140310.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.9	U	91.9	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.1	U	82.1	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.4	U	87.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.6	U	75.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.4	U	78.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.6	U	92.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.2	U	88.2	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.5	U	86.5	140	180	ug/Kg
208-96-8	Acenaphthylene	310		91.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.1	U	88.1	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.5	U	94.5	140	180	ug/Kg
83-32-9	Acenaphthene	85.9	U	85.9	140	180	ug/Kg
Total PAH	Total PAH	15140	U	1403.4	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	150	J	89.4	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79.4	U	179.4	140	360	ug/Kg
84-66-2	Diethylphthalate	84.8	U	84.8	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.7	U	90.7	140	180	ug/Kg
86-73-7	Fluorene	230		90.5	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	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.4	U	86.4	140	180	ug/Kg
103-33-3	Azobenzene	84.3	U	84.3	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90	U	90	140	180	ug/Kg
1912-24-9	Atrazine	96.8	U	96.8	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-6-2	SDG No.:	BF110824
Lab Sample ID:	P4768-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140310.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.9	U	81.9	290	350	ug/Kg
85-01-8	Phenanthrene	2200		89	140	180	ug/Kg
120-12-7	Anthracene	680		89.4	140	180	ug/Kg
86-74-8	Carbazole	110	J	85	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	140	180	ug/Kg
206-44-0	Fluoranthene	2800	E	86.5	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	2300		87.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	1600		85.5	140	180	ug/Kg
218-01-9	Chrysene	1200		84.2	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.4	U	96.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		85.9	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	590		87.5	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	1100		98.5	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400		82.7	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	86	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380		84.8	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.9	U	91.9	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	79.1	U	79.1	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	88.1	U	88.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.039		18-112		53	SPK: -150
13127-88-3	Phenol-d6	75.243		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	51.514		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	58.82		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-6-2	SDG No.:	BF110824
Lab Sample ID:	P4768-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140310.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.462		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	61.912		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108852	6.881				
1146-65-2	Naphthalene-d8	376967	8.157				
15067-26-2	Acenaphthene-d10	191196	9.916				
1517-22-2	Phenanthrene-d10	335212	11.41				
1719-03-5	Chrysene-d12	198806	14.063				
1520-96-3	Perylene-d12	180647	15.562				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.093	
000108-38-3	Benzene, 1,3-dimethyl-	110	J			5.734	
000111-84-2	Nonane	100	J			5.793	
000124-18-5	Decane	140	J			6.71	
000575-37-1	Naphthalene, 1,7-dimethyl-	98.8	J			9.498	
000581-40-8	Naphthalene, 2,3-dimethyl-	130	J			9.575	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	120	J			10.328	
000119-61-9	Benzophenone	460	J			10.628	
002531-84-2	Phenanthrene, 2-methyl-	120	J			11.91	
000832-69-9	Phenanthrene, 1-methyl-	200	J			11.939	
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J			12.027	
003674-66-6	Phenanthrene, 2,5-dimethyl-	90.4	J			12.463	
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	93.2	J			12.504	
002381-21-7	Pyrene, 1-methyl-	210	J			13.074	
003353-12-6	Pyrene, 4-methyl-	160	J			13.286	
000479-79-8	11H-Benzo[a]fluoren-11-one	140	J			13.692	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	92.5	J			13.804	
000082-05-3	7H-Benz[de]anthracen-7-one	160	J			13.904	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-6-2	SDG No.:	BF110824
Lab Sample ID:	P4768-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140310.D	1	11/8/2024 12:00:00 AM	11/8/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	690	J			15.433	

Hit Summary Sheet SW-846

SDG No.: BF110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Z-03ADL								
P4694-01DL	Z-03ADL	Solid	Acenaphthene	120.000	JD	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Anthracene	350.000	D	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Benzo(a)anthracene	990.000	D	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Benzo(a)pyrene	930.000	D	120	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Benzo(b)fluoranthene	1,100.000	D	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Benzo(g,h,i)perylene	440.000	D	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Benzo(k)fluoranthene	500.000	D	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Carbazole	150.000	JD	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Chrysene	920.000	D	100	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Dibenzo(a,h)anthracene	120.000	JD	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Fluoranthene	1,900.000	D	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Fluorene	140.000	JD	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Indeno(1,2,3-cd)pyrene	400.000	D	100	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Phenanthrene	1,500.000	D	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Pyrene	1,400.000	D	110	220	ug/Kg
P4694-01DL	Z-03ADL	Solid	Total PAH	10,810.000	D	1750	3520	ug/Kg
Total Svoc :				21,770.00				
Total Concentration:				21,770.00				
Client ID : Z-04RE								
P4694-05RE	Z-04RE	Solid	Anthracene	120.000		56.8	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Benzo(a)anthracene	400.000		54.3	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Benzo(a)pyrene	350.000		62.6	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Benzo(b)fluoranthene	380.000		54.6	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Benzo(g,h,i)perylene	170.000		53.9	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Benzo(k)fluoranthene	150.000		55.6	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Carbazole	62.700	J	54	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Chrysene	330.000		53.5	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Fluoranthene	670.000		55	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Indeno(1,2,3-cd)pyrene	160.000		52.5	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Phenanthrene	520.000		56.5	110	ug/Kg
P4694-05RE	Z-04RE	Solid	Pyrene	630.000		55.8	110	ug/Kg
Total Svoc :				3,942.70				
Total Concentration:				3,942.70				
Client ID : Z-01DL								
P4695-01DL	Z-01DL	Solid	1-Methylnaphthalene	540.000	JD	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	2-Methylnaphthalene	770.000	D	290	600	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4695-01DL	Z-01DL	Solid	Acenaphthene	1,200.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Anthracene	2,600.000	D	300	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Benzo(a)anthracene	3,300.000	D	280	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Benzo(a)pyrene	2,500.000	D	330	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Benzo(b)fluoranthene	2,500.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Benzo(g,h,i)perylene	870.000	D	280	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Benzo(k)fluoranthene	1,100.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Carbazole	1,100.000	D	280	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Chrysene	2,800.000	D	280	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Dibenzo(a,h)anthracene	300.000	JD	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Dibenzofuran	1,100.000	D	300	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Fluoranthene	6,200.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Fluorene	1,300.000	D	300	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Indeno(1,2,3-cd)pyrene	890.000	D	270	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Naphthalene	1,200.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Phenanthrene	8,400.000	D	300	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Pyrene	5,400.000	D	290	600	ug/Kg
P4695-01DL	Z-01DL	Solid	Total PAH	40,560.000	D	4670	9600	ug/Kg

Total Svoc : 84,630.00

Total Concentration: 84,630.00

Client ID : JC-701-COMP-01DL

P4720-01DL	JC-701-COMP-01DL	Solid	Bis(2-ethylhexyl)phthalate	2,200.000	D	120	220	ug/Kg
------------	------------------	-------	----------------------------	-----------	---	-----	-----	-------

Total Svoc : 2,200.00

Total Concentration: 2,200.00

Client ID : WC-1(0-6)

P4722-03	WC-1(0-6)	Solid	1H-Cyclopropa[l]phenanthrene, 1a *	490.000	J			
P4722-03	WC-1(0-6)	Solid	4H-Cyclopenta[def]phenanthrene *	310.000	J			
P4722-03	WC-1(0-6)	Solid	Benzophenone *	150.000	J			

Total Tics : 950.00

P4722-03	WC-1(0-6)	Solid	Anthracene	230.000	J	180	360	ug/Kg
P4722-03	WC-1(0-6)	Solid	Benzo(a)anthracene	890.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	Solid	Benzo(a)pyrene	830.000		200	360	ug/Kg
P4722-03	WC-1(0-6)	Solid	Benzo(b)fluoranthene	850.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	Solid	Benzo(g,h,i)perylene	450.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	Solid	Benzo(k)fluoranthene	430.000		180	360	ug/Kg
P4722-03	WC-1(0-6)	Solid	Chrysene	680.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	Solid	Fluoranthene	1,600.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	Solid	Indeno(1,2,3-cd)pyrene	380.000		170	360	ug/Kg
P4722-03	WC-1(0-6)	Solid	Phenanthrene	910.000		180	360	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4722-03	WC-1(0-6)	Solid	Pyrene	1,400.000		180	360	ug/Kg
Total Svoc :				8,650.00				
Total Concentration:				9,600.00				
Client ID : WC-2(0-6)								
P4722-08	WC-2(0-6)	Solid	11H-Benzo[a]fluoren-11-one	*	160.000	J		
P4722-08	WC-2(0-6)	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	640.000	J		
P4722-08	WC-2(0-6)	Solid	1H-Indene, 2-phenyl-	*	150.000	J		
P4722-08	WC-2(0-6)	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P4722-08	WC-2(0-6)	Solid	4-Methylcarbazole	*	98.900	J		
P4722-08	WC-2(0-6)	Solid	4H-Cyclopenta[def]phenanthrene	*	590.000	J		
P4722-08	WC-2(0-6)	Solid	9H-Fluoren-9-one	*	97.800	J		
P4722-08	WC-2(0-6)	Solid	9H-Fluorene, 1-methyl-	*	99.300	J		
P4722-08	WC-2(0-6)	Solid	Benzo[e]pyrene	*	260.000	J		
P4722-08	WC-2(0-6)	Solid	Benzophenone	*	230.000	J		
P4722-08	WC-2(0-6)	Solid	Butane, 2-methoxy-2-methyl-	*	2,700.000	J		
P4722-08	WC-2(0-6)	Solid	Cyclopenta(def)phenanthrenone	*	180.000	J		
P4722-08	WC-2(0-6)	Solid	Dibenzothiophene	*	130.000	J		
P4722-08	WC-2(0-6)	Solid	Fluoranthene, 2-methyl-	*	140.000	J		
P4722-08	WC-2(0-6)	Solid	Naphthalene, 2-phenyl-	*	180.000	J		
P4722-08	WC-2(0-6)	Solid	Perylene	*	1,000.000	J		
P4722-08	WC-2(0-6)	Solid	Phenanthrene, 2,3-dimethyl-	*	200.000	J		
P4722-08	WC-2(0-6)	Solid	Phenanthrene, 2-methyl-	*	220.000	J		
P4722-08	WC-2(0-6)	Solid	Pyrene, 1-methyl-	*	100.000	J		
P4722-08	WC-2(0-6)	Solid	unknown12.498	*	160.000	J		
Total Tics :				7,446.00				
P4722-08	WC-2(0-6)	Solid	Acenaphthene		250.000		89.8	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Acenaphthylene		140.000	J	95.8	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Anthracene		600.000		93.5	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Benzo(a)anthracene		1,600.000		89.4	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Benzo(a)pyrene		1,600.000		100	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Benzo(b)fluoranthene		2,000.000		89.8	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Benzo(g,h,i)perylene		930.000		88.7	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Benzo(k)fluoranthene		620.000		91.5	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Carbazole		220.000		88.9	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Chrysene		1,400.000		88	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Dibenzo(a,h)anthracene		260.000		89.9	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Dibenzofuran		150.000	J	93.5	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Fluoranthene		3,000.000	E	90.5	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Fluorene		210.000		94.7	190 ug/Kg
P4722-08	WC-2(0-6)	Solid	Indeno(1,2,3-cd)pyrene		770.000		86.5	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4722-08	WC-2(0-6)	Solid	Naphthalene	160.000	J	91.5	190	ug/Kg
P4722-08	WC-2(0-6)	Solid	Phenanthrene	2,200.000		93	190	ug/Kg
P4722-08	WC-2(0-6)	Solid	Pyrene	2,300.000		91.9	190	ug/Kg
P4722-08	WC-2(0-6)	Solid	Total PAH	18,040.000		1464.5	3040	ug/Kg

Total Svoc : 36,450.00

Total Concentration: 43,896.00

Client ID : PPE-COMP

P4732-01	PPE-COMP	Solid	1,3-Benzenedicarboxylic acid, bis *	3,500.000	J			
P4732-01	PPE-COMP	Solid	1-Hexadecanol *	1,000.000	J			
P4732-01	PPE-COMP	Solid	2,5-Cyclohexadiene-1,4-dione, 2,6 *	1,400.000	J			
P4732-01	PPE-COMP	Solid	5-Octadecene, (E)- *	1,400.000	J			
P4732-01	PPE-COMP	Solid	Benzophenone *	1,300.000	J			
P4732-01	PPE-COMP	Solid	Butane, 2-methoxy-2-methyl- *	12,100.000	J			
P4732-01	PPE-COMP	Solid	Cyclopentane, nonyl- *	790.000	J			
P4732-01	PPE-COMP	Solid	Heptacosane *	2,400.000	J			
P4732-01	PPE-COMP	Solid	Heptadecane *	1,200.000	J			
P4732-01	PPE-COMP	Solid	Hexadecane *	2,400.000	J			
P4732-01	PPE-COMP	Solid	Hexane, 2,2,4-trimethyl- *	2,100.000	J			
P4732-01	PPE-COMP	Solid	Hexane, 3,3-dimethyl- *	800.000	J			
P4732-01	PPE-COMP	Solid	Hexanedioic acid, dioctyl ester *	4,000.000	J			
P4732-01	PPE-COMP	Solid	Methacrylic acid, tetradecyl ester *	3,300.000	J			
P4732-01	PPE-COMP	Solid	n-Hexadecanoic acid *	4,100.000	J			
P4732-01	PPE-COMP	Solid	Octadecane *	2,800.000	J			
P4732-01	PPE-COMP	Solid	Octadecanoic acid *	1,500.000	J			
P4732-01	PPE-COMP	Solid	Octane, 2,2,6-trimethyl- *	1,200.000	J			
P4732-01	PPE-COMP	Solid	Pentadecane *	2,100.000	J			
P4732-01	PPE-COMP	Solid	Tetradecane *	800.000	J			

Total Tics : 50,190.00

Total Concentration: 50,190.00

Client ID : TP2

P4737-01	TP2	Solid	1-Docosene *	160.000	J			
P4737-01	TP2	Solid	2-Pentanone, 4-hydroxy-4-methyl *	65.400	A			
P4737-01	TP2	Solid	Benzophenone *	180.000	J			
P4737-01	TP2	Solid	Butane, 2-methoxy-2-methyl- *	1,500.000	J			
P4737-01	TP2	Solid	n-Hexadecanoic acid *	170.000	J			

Total Tics : 2,075.40

Total Concentration: 2,075.40

Client ID : 72-12018

P4738-01	72-12018	Solid	.alpha.-D-Mannofuranoside, 1-nor *	2,100.000	J			
----------	----------	-------	------------------------------------	-----------	---	--	--	--

Hit Summary Sheet SW-846

SDG No.: BF110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4738-01	72-12018	Solid	1,4,7,10,13,16-Hexaoxacycloocta	*	3,000.000	J		
P4738-01	72-12018	Solid	1-Decanol	*	8,000.000	J		
P4738-01	72-12018	Solid	1-Decene	*	6,700.000	J		
P4738-01	72-12018	Solid	1-Octanol	*	15,500.000	J		
P4738-01	72-12018	Solid	15-Crown-5	*	2,300.000	J		
P4738-01	72-12018	Solid	2-[2-[2-[2-[2-[2-(2-Hydroxy	*	2,600.000	J		
P4738-01	72-12018	Solid	2-Heptanone	*	1,800.000	J		
P4738-01	72-12018	Solid	Acetoin	*	2,100.000	J		
P4738-01	72-12018	Solid	Benzene, (1-methyltridecyl)-	*	6,100.000	J		
P4738-01	72-12018	Solid	Butane, 2-methoxy-2-methyl-	*	8,400.000	J		
P4738-01	72-12018	Solid	Ethanol, 2-[2-(2-methoxyethoxy)e	*	1,500.000	J		
P4738-01	72-12018	Solid	Hexadecane	*	1,400.000	J		
P4738-01	72-12018	Solid	Mequinol	*	7,900.000	J		
P4738-01	72-12018	Solid	n-Decanoic acid	*	1,700.000	J		
P4738-01	72-12018	Solid	n-Hexadecanoic acid	*	2,500.000	J		
P4738-01	72-12018	Solid	Octyl-.beta.-D-glucopyranoside	*	2,800.000	J		
P4738-01	72-12018	Solid	Tridecane	*	2,600.000	J		
P4738-01	72-12018	Solid	unknown13.298	*	2,500.000	J		
P4738-01	72-12018	Solid	unknown13.757	*	6,200.000	J		

Total Tics : 87,700.00

Total Concentration: 87,700.00

Client ID : TP-14

P4739-01	TP-14	Solid	6-Tridecene, 7-methyl-	*	340.000	J		
P4739-01	TP-14	Solid	Butane, 2-methoxy-2-methyl-	*	450.000	J		
P4739-01	TP-14	Solid	Carbonic acid, eicosyl vinyl ester	*	1,600.000	J		
P4739-01	TP-14	Solid	Carbonic acid, octadecyl prop-1-e	*	790.000	J		
P4739-01	TP-14	Solid	Cyclohexane, pentyl-	*	380.000	J		
P4739-01	TP-14	Solid	Decane, 2,6,8-trimethyl-	*	1,700.000	J		
P4739-01	TP-14	Solid	Decane, 3,7-dimethyl-	*	340.000	J		
P4739-01	TP-14	Solid	Dodecane, 2,6,10-trimethyl-	*	1,500.000	J		
P4739-01	TP-14	Solid	Heptadecane	*	1,600.000	J		
P4739-01	TP-14	Solid	Heptylcyclohexane	*	750.000	J		
P4739-01	TP-14	Solid	Naphthalene, 1,4,5-trimethyl-	*	430.000	J		
P4739-01	TP-14	Solid	Naphthalene, 1,6,7-trimethyl-	*	320.000	J		
P4739-01	TP-14	Solid	Naphthalene, 2,3,6-trimethyl-	*	450.000	J		
P4739-01	TP-14	Solid	Octane, 2,3,6-trimethyl-	*	1,200.000	J		
P4739-01	TP-14	Solid	Pentacosane	*	700.000	J		
P4739-01	TP-14	Solid	Tridecane, 5-propyl-	*	2,200.000	J		
P4739-01	TP-14	Solid	Tridecane, 6-methyl-	*	480.000	J		
P4739-01	TP-14	Solid	Undecane, 2,6-dimethyl-	*	620.000	J		

Hit Summary Sheet SW-846

SDG No.: BF110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4739-01	TP-14	Solid	unknown7.516	*	280.000	J		
P4739-01	TP-14	Solid	unknown8.451	*	800.000	J		
Total Tics :				16,930.00				
P4739-01	TP-14	Solid	1-Methylnaphthalene		160.000		56.2	110 ug/Kg
P4739-01	TP-14	Solid	Benzo(a)anthracene		56.800	J	54.5	110 ug/Kg
P4739-01	TP-14	Solid	Chrysene		73.900	J	53.7	110 ug/Kg
P4739-01	TP-14	Solid	Fluoranthene		63.300	J	55.2	110 ug/Kg
P4739-01	TP-14	Solid	Phenanthrene		290.000		56.8	110 ug/Kg
P4739-01	TP-14	Solid	Pyrene		80.400	J	56.1	110 ug/Kg
Total Svoc :				724.40				
Total Concentration:				17,654.40				
Client ID : BP-G2								
P4739-05	BP-G2	Solid	3-Ethyl-2,6,10-trimethylundecane	*	460.000	J		
P4739-05	BP-G2	Solid	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	*	350.000	J		
P4739-05	BP-G2	Solid	Butane, 2-methoxy-2-methyl-	*	440.000	J		
P4739-05	BP-G2	Solid	Cyclohexane, 2-butyl-1,1,3-trimet	*	380.000	J		
P4739-05	BP-G2	Solid	Cyclopentane, (2-methylbutyl)-	*	490.000	J		
P4739-05	BP-G2	Solid	Decane, 3,7-dimethyl-	*	310.000	J		
P4739-05	BP-G2	Solid	Dodecane, 2,7,10-trimethyl-	*	1,600.000	J		
P4739-05	BP-G2	Solid	Dodecane, 4,9-dipropyl-	*	1,700.000	J		
P4739-05	BP-G2	Solid	Dodecyl nonyl ether	*	1,000.000	J		
P4739-05	BP-G2	Solid	Naphthalene, 1,4,6-trimethyl-	*	430.000	J		
P4739-05	BP-G2	Solid	Naphthalene, 2,3,6-trimethyl-	*	460.000	J		
P4739-05	BP-G2	Solid	Nonane, 3-methyl-	*	290.000	J		
P4739-05	BP-G2	Solid	Octane, 2,6-dimethyl-	*	1,500.000	J		
P4739-05	BP-G2	Solid	Tridecane, 5-propyl-	*	610.000	J		
P4739-05	BP-G2	Solid	Tritetracontane	*	1,700.000	J		
P4739-05	BP-G2	Solid	Undecane, 2,6-dimethyl-	*	750.000	J		
P4739-05	BP-G2	Solid	Undecane, 2,7-dimethyl-	*	320.000	J		
P4739-05	BP-G2	Solid	unknown7.522	*	350.000	J		
P4739-05	BP-G2	Solid	unknown8.451	*	670.000	J		
P4739-05	BP-G2	Solid	unknown9.045	*	440.000	J		
Total Tics :				14,250.00				
P4739-05	BP-G2	Solid	1-Methylnaphthalene		58.700	J	57.3	120 ug/Kg
P4739-05	BP-G2	Solid	2-Methylnaphthalene		73.000	J	56.8	120 ug/Kg
P4739-05	BP-G2	Solid	Benzo(a)anthracene		96.600	J	55.6	120 ug/Kg
P4739-05	BP-G2	Solid	Chrysene		110.000	J	54.7	120 ug/Kg
P4739-05	BP-G2	Solid	Fluoranthene		130.000		56.2	120 ug/Kg
P4739-05	BP-G2	Solid	Phenanthrene		290.000		57.8	120 ug/Kg
P4739-05	BP-G2	Solid	Pyrene		140.000		57.1	120 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	898.30				
			Total Concentration:	15,148.30				
Client ID : BP-B2								
P4739-09	BP-B2	Solid	1-Phenyl-1-butene	*	850.000	J		
P4739-09	BP-B2	Solid	Benzene, (1-methylethyl)-	*	1,100.000	J		
P4739-09	BP-B2	Solid	Benzene, 1,2,3-trimethyl-	*	4,600.000	J		
P4739-09	BP-B2	Solid	Benzene, 1,3-diethyl-	*	790.000	J		
P4739-09	BP-B2	Solid	Benzene, 1,3-dimethyl-	*	870.000	J		
P4739-09	BP-B2	Solid	Benzene, 1-ethyl-2,4-dimethyl-	*	720.000	J		
P4739-09	BP-B2	Solid	Benzene, 1-ethyl-2-methyl-	*	2,200.000	J		
P4739-09	BP-B2	Solid	Benzene, 1-ethyl-3-methyl-	*	1,500.000	J		
P4739-09	BP-B2	Solid	Benzene, 1-ethyl-4-methyl-	*	1,500.000	J		
P4739-09	BP-B2	Solid	Benzene, 1-methyl-3-propyl-	*	1,300.000	J		
P4739-09	BP-B2	Solid	Benzene, 1-methyl-4-propyl-	*	740.000	J		
P4739-09	BP-B2	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	1,100.000	J		
P4739-09	BP-B2	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	2,700.000	J		
P4739-09	BP-B2	Solid	Benzene, propyl-	*	2,000.000	J		
P4739-09	BP-B2	Solid	Dodecane, 6-methyl-	*	1,300.000	J		
P4739-09	BP-B2	Solid	Ethylbenzene	*	1,800.000	J		
P4739-09	BP-B2	Solid	Heptane, 2-methyl-	*	660.000	J		
P4739-09	BP-B2	Solid	Heptane, 3,5-dimethyl-	*	720.000	J		
P4739-09	BP-B2	Solid	Indane	*	980.000	J		
P4739-09	BP-B2	Solid	Mesitylene	*	2,300.000	J		
			Total Tics :	29,730.00				
P4739-09	BP-B2	Solid	1-Methylnaphthalene		1,000.000		57	ug/Kg
P4739-09	BP-B2	Solid	2-Methylnaphthalene		2,000.000	E	56.6	ug/Kg
P4739-09	BP-B2	Solid	Benzo(a)anthracene		98.400	J	55.3	ug/Kg
P4739-09	BP-B2	Solid	Benzo(a)pyrene		100.000	J	63.8	ug/Kg
P4739-09	BP-B2	Solid	Benzo(b)fluoranthene		130.000		55.6	ug/Kg
P4739-09	BP-B2	Solid	Benzo(g,h,i)perylene		58.600	J	54.9	ug/Kg
P4739-09	BP-B2	Solid	Chrysene		100.000	J	54.5	ug/Kg
P4739-09	BP-B2	Solid	Fluoranthene		260.000		56	ug/Kg
P4739-09	BP-B2	Solid	Naphthalene		2,600.000	E	56.6	ug/Kg
P4739-09	BP-B2	Solid	Phenanthrene		220.000		57.6	ug/Kg
P4739-09	BP-B2	Solid	Pyrene		200.000		56.9	ug/Kg
			Total Svoc :	6,767.00				
			Total Concentration:	36,497.00				
Client ID : TP-11								
P4739-13	TP-11	Solid	Benzene, 1-ethyl-2-methyl-	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BF110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4739-13	TP-11	Solid	Benzophenone	*	99.100	J		
P4739-13	TP-11	Solid	Butane, 2-methoxy-2-methyl-	*	820.000	J		
P4739-13	TP-11	Solid	Mesitylene	*	240.000	J		
P4739-13	TP-11	Solid	n-Hexadecanoic acid	*	200.000	J		
Total Tics :				1,469.10				
P4739-13	TP-11	Solid	Benzo(a)anthracene		200.000	J	110	ug/Kg
P4739-13	TP-11	Solid	Benzo(a)pyrene		240.000		120	ug/Kg
P4739-13	TP-11	Solid	Benzo(b)fluoranthene		270.000		110	ug/Kg
P4739-13	TP-11	Solid	Benzo(g,h,i)perylene		150.000	J	100	ug/Kg
P4739-13	TP-11	Solid	Benzo(k)fluoranthene		110.000	J	110	ug/Kg
P4739-13	TP-11	Solid	Chrysene		200.000	J	100	ug/Kg
P4739-13	TP-11	Solid	Fluoranthene		340.000		110	ug/Kg
P4739-13	TP-11	Solid	Indeno(1,2,3-cd)pyrene		120.000	J	100	ug/Kg
P4739-13	TP-11	Solid	Phenanthrene		140.000	J	110	ug/Kg
P4739-13	TP-11	Solid	Pyrene		270.000		110	ug/Kg
Total Svoc :				2,040.00				
Total Concentration:				3,509.10				
Client ID : BP-B4								
P4756-01	BP-B4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P4756-01	BP-B4	Solid	3-Eicosene, (E)-	*	160.000	J		
P4756-01	BP-B4	Solid	Benzophenone	*	200.000	J		
P4756-01	BP-B4	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P4756-01	BP-B4	Solid	n-Hexadecanoic acid	*	220.000	J		
P4756-01	BP-B4	Solid	Propane, 1,1-dimethoxy-	*	61.000	J		
P4756-01	BP-B4	Solid	unknown12.857	*	53.800	J		
Total Tics :				2,714.80				
Total Concentration:				2,714.80				
Client ID : B-3-1								
P4768-01	B-3-1	Solid	1-Cyclohexyl-2-methyl-prop-2-en	*	120.000	J		
P4768-01	B-3-1	Solid	1-Hexene, 3-methyl-	*	120.000	J		
P4768-01	B-3-1	Solid	2-sec-Butyl-3-methyl-1-pentene	*	84.400	J		
P4768-01	B-3-1	Solid	4-Nonene, 3-methyl-, (Z)-	*	340.000	J		
P4768-01	B-3-1	Solid	4-Undecene, (E)-	*	200.000	J		
P4768-01	B-3-1	Solid	5-Ethyldecane	*	96.800	J		
P4768-01	B-3-1	Solid	6-Tridecene, 7-methyl-	*	99.200	J		
P4768-01	B-3-1	Solid	Benzophenone	*	340.000	J		
P4768-01	B-3-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P4768-01	B-3-1	Solid	cis, cis-3-Ethylbicyclo[4.4.0]deca	*	180.000	J		
P4768-01	B-3-1	Solid	Cyclohexane, 1,1-(1-methylethyl)	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BF110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4768-01	B-3-1	Solid	Cyclohexane, 1,2,3-trimethyl-, (1. *	97.500	J			
P4768-01	B-3-1	Solid	Cyclohexane, 1,2-diethyl-3-methy *	150.000	J			
P4768-01	B-3-1	Solid	Cyclohexane, 2-butyl-1,1,3-trimet *	170.000	J			
P4768-01	B-3-1	Solid	Naphthalene, decahydro-2-methyl *	140.000	J			
P4768-01	B-3-1	Solid	trans-Decalin, 2-methyl- *	130.000	J			
P4768-01	B-3-1	Solid	Undecane, 5-ethyl- *	120.000	J			
P4768-01	B-3-1	Solid	unknown5.093 *	210.000	J			
P4768-01	B-3-1	Solid	unknown7.516 *	190.000	J			
P4768-01	B-3-1	Solid	unknown8.245 *	96.400	J			
			Total Tics :	4,414.30				
P4768-01	B-3-1	Solid	Pyrene	93.500	J	87.9	180	ug/Kg
			Total Svoc :	93.50				
			Total Concentration:	4,507.80				
Client ID : B-6-2								
P4768-06	B-6-2	Solid	11H-Benzo[a]fluoren-11-one *	140.000	J			
P4768-06	B-6-2	Solid	2-Pentanone, 4-hydroxy-4-methyl *	110.000	A			
P4768-06	B-6-2	Solid	4H-Cyclopenta[def]phenanthrene *	230.000	J			
P4768-06	B-6-2	Solid	7H-Benz[de]anthracen-7-one *	160.000	J			
P4768-06	B-6-2	Solid	Benzene, 1,3-dimethyl- *	110.000	J			
P4768-06	B-6-2	Solid	Benzo[b]naphtho[2,1-d]thiophene *	92.500	J			
P4768-06	B-6-2	Solid	Benzo[e]pyrene *	690.000	J			
P4768-06	B-6-2	Solid	Benzophenone *	460.000	J			
P4768-06	B-6-2	Solid	Butane, 2-methoxy-2-methyl- *	2,100.000	J			
P4768-06	B-6-2	Solid	Decane *	140.000	J			
P4768-06	B-6-2	Solid	Naphthalene, 1,7-dimethyl- *	98.800	J			
P4768-06	B-6-2	Solid	Naphthalene, 2,3,6-trimethyl- *	120.000	J			
P4768-06	B-6-2	Solid	Naphthalene, 2,3-dimethyl- *	130.000	J			
P4768-06	B-6-2	Solid	Nonane *	100.000	J			
P4768-06	B-6-2	Solid	Phenanthrene, 1-methyl- *	200.000	J			
P4768-06	B-6-2	Solid	Phenanthrene, 2,5-dimethyl- *	90.400	J			
P4768-06	B-6-2	Solid	Phenanthrene, 2-methyl- *	120.000	J			
P4768-06	B-6-2	Solid	Pyrene, 1-methyl- *	210.000	J			
P4768-06	B-6-2	Solid	Pyrene, 4,5,9,10-tetrahydro- *	93.200	J			
P4768-06	B-6-2	Solid	Pyrene, 4-methyl- *	160.000	J			
			Total Tics :	5,554.90				
P4768-06	B-6-2	Solid	Acenaphthylene	310.000		91.6	180	ug/Kg
P4768-06	B-6-2	Solid	Anthracene	680.000		89.4	180	ug/Kg
P4768-06	B-6-2	Solid	Benzo(a)anthracene	1,600.000		85.5	180	ug/Kg
P4768-06	B-6-2	Solid	Benzo(a)pyrene	1,100.000		98.5	180	ug/Kg
P4768-06	B-6-2	Solid	Benzo(b)fluoranthene	1,200.000		85.9	180	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF110824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4768-06	B-6-2	Solid	Benzo(g,h,i)perylene	380.000		84.8	180	ug/Kg
P4768-06	B-6-2	Solid	Benzo(k)fluoranthene	590.000		87.5	180	ug/Kg
P4768-06	B-6-2	Solid	Carbazole	110.000	J	85	180	ug/Kg
P4768-06	B-6-2	Solid	Chrysene	1,200.000		84.2	180	ug/Kg
P4768-06	B-6-2	Solid	Dibenzo(a,h)anthracene	150.000	J	86	180	ug/Kg
P4768-06	B-6-2	Solid	Dibenzofuran	150.000	J	89.4	180	ug/Kg
P4768-06	B-6-2	Solid	Fluoranthene	2,800.000	E	86.5	180	ug/Kg
P4768-06	B-6-2	Solid	Fluorene	230.000		90.5	180	ug/Kg
P4768-06	B-6-2	Solid	Indeno(1,2,3-cd)pyrene	400.000		82.7	180	ug/Kg
P4768-06	B-6-2	Solid	Phenanthrene	2,200.000		89	180	ug/Kg
P4768-06	B-6-2	Solid	Pyrene	2,300.000		87.9	180	ug/Kg
Total Svoc :						15,400.00		
Total Concentration:						20,954.90		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF110524

SAS No.: BF110524

SDG No.: BF110524

Instrument ID: _____

Calibration Date(s): 11/5/2024 : _____

Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF140231.D			RRF005 = BF140232.D		RRF010 = BF140233.D		
		RRF020 = BF140234.D			RRF040 = BF140235.D		RRF050 = BF140236.D		
COMPOUND		RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine			0.799	0.792	0.802	0.780	0.767	0.782	2.5
Pyridine			1.464	1.445	1.402	1.340	1.296	1.354	6.3
2-Fluorophenol			1.359	1.298	1.261	1.159	1.138	1.207	8.3
Benzaldehyde			1.159	1.137	1.085	0.949	0.839	0.956	18.5
Aniline			1.609	1.513	1.499	1.365	1.316	1.402	10.0
Phenol-d6			1.765	1.679	1.604	1.495	1.462	1.552	8.7
Phenol			1.863	1.779	1.752	1.593	1.575	1.649	9.2
bis(2-Chloroethyl)ether			1.417	1.354	1.285	1.209	1.201	1.252	8.6
2-Chlorophenol			1.441	1.385	1.311	1.214	1.187	1.263	9.4
1,2-Dichlorobenzene			1.622	1.553	1.494	1.309	1.291	1.394	11.5
1,3-Dichlorobenzene			1.690	1.605	1.555	1.413	1.387	1.480	9.2
1,4-Dichlorobenzene			1.720	1.636	1.551	1.423	1.393	1.492	9.8
Benzyl Alcohol			1.282	1.280	1.258	1.182	1.147	1.197	6.6
2-Methylphenol			1.155	1.105	1.086	1.028	1.005	1.053	6.1
2,2-oxybis(1-Chloropropane)			2.305	2.213	2.143	1.958	1.910	2.027	9.7
Acetophenone			0.564	0.535	0.512	0.474	0.461	0.496	8.4
3+4-Methylphenols			1.503	1.446	1.403	1.277	1.240	1.323	9.7
n-Nitroso-di-n-propylamine	1.035		1.117	1.062	1.015	0.949	0.923	0.990	8.0
Nitrobenzene-d5			0.435	0.420	0.415	0.392	0.387	0.402	5.2
Hexachloroethane			0.612	0.603	0.576	0.533	0.524	0.556	7.4
Nitrobenzene			0.452	0.442	0.436	0.414	0.407	0.422	5.0
Isophorone			0.754	0.722	0.699	0.675	0.659	0.693	5.1
2-Nitrophenol			0.160	0.167	0.170	0.171	0.167	0.168	2.5
2,4-Dimethylphenol			0.240	0.237	0.234	0.224	0.221	0.228	3.9
bis(2-Chloroethoxy)methane			0.459	0.441	0.428	0.400	0.390	0.415	6.9
2,4-Dichlorophenol			0.297	0.299	0.291	0.278	0.270	0.283	4.7
1,2,4-Trichlorobenzene			0.373	0.362	0.349	0.328	0.318	0.339	6.7
Benzoic acid				0.136	0.161	0.193	0.207	0.187	17.1
Naphthalene			1.206	1.119	1.071	0.992	0.956	1.033	9.9
4-Chloroaniline			0.372	0.367	0.354	0.330	0.322	0.340	7.1
Hexachlorobutadiene			0.251	0.241	0.238	0.222	0.218	0.229	6.2
Caprolactam			0.090	0.087	0.088	0.085	0.084	0.086	2.9
4-Chloro-3-methylphenol			0.337	0.326	0.319	0.312	0.303	0.315	4.3
2-Methylnaphthalene			0.772	0.743	0.702	0.644	0.626	0.674	9.6
Hexachlorocyclopentadiene			0.124	0.145	0.169	0.183	0.177	0.164	13.3
2,4,6-Trichlorophenol			0.377	0.369	0.363	0.361	0.354	0.363	2.2

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF110524 SAS No.: BF110524 SDG No.: BF110524
Instrument ID: _____ Calibration Date(s): 11/5/2024 : _____
Calibration Time(s): 12:26 : _____

LAB FILE ID:		RRF2.5 = BF140231.D		RRF005 = BF140232.D		RRF010 = BF140233.D		
		RRF020 = BF140234.D		RRF040 = BF140235.D		RRF050 = BF140236.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.481	1.381	1.312	1.183	1.148	1.253	11.3
2,4,5-Trichlorophenol		0.391	0.398	0.396	0.373	0.374	0.381	4.0
1,1-Biphenyl		1.663	1.590	1.521	1.376	1.342	1.446	10.0
2-Chloronaphthalene		1.195	1.171	1.135	1.050	1.036	1.088	7.2
2-Nitroaniline		0.357	0.372	0.371	0.369	0.363	0.364	2.0
Dimethylphthalate		1.363	1.310	1.262	1.191	1.182	1.232	6.7
Acenaphthylene		1.730	1.668	1.618	1.486	1.465	1.540	8.6
2,6-Dinitrotoluene		0.302	0.297	0.299	0.286	0.286	0.290	3.6
3-Nitroaniline		0.294	0.286	0.282	0.269	0.267	0.273	5.8
Acenaphthene		1.204	1.153	1.134	1.059	1.055	1.093	6.6
2,4-Dinitrophenol			0.071	0.101	0.128	0.135	0.120	23.2
4-Nitrophenol		0.160	0.178	0.196	0.203	0.206	0.192	8.8
Dibenzofuran		1.773	1.683	1.603	1.467	1.424	1.528	10.6
2,4-Dinitrotoluene		0.384	0.385	0.388	0.374	0.373	0.376	3.2
Diethylphthalate		1.360	1.319	1.271	1.185	1.170	1.224	7.7
4-Chlorophenyl-phenylether		0.715	0.673	0.638	0.581	0.573	0.613	10.3
Fluorene		1.446	1.345	1.267	1.154	1.127	1.216	11.6
4-Nitroaniline		0.278	0.276	0.282	0.270	0.267	0.271	3.5
4,6-Dinitro-2-methylphenol			0.080	0.100	0.110	0.112	0.105	12.6
n-Nitrosodiphenylamine		0.646	0.608	0.600	0.551	0.543	0.575	7.5
Azobenzene		1.460	1.373	1.319	1.219	1.200	1.269	9.4
2,4,6-Tribromophenol		0.199	0.200	0.197	0.194	0.197	0.198	1.4
4-Bromophenyl-phenylether		0.230	0.219	0.223	0.209	0.208	0.215	4.1
Hexachlorobenzene		0.261	0.255	0.251	0.237	0.235	0.245	4.3
Atrazine		0.204	0.189	0.155	0.156	0.127	0.157	18.5
Pentachlorophenol		0.105	0.121	0.133	0.138	0.139	0.132	10.6
Phenanthrene		1.082	1.044	1.004	0.915	0.885	0.954	9.3
Anthracene		1.071	1.014	0.984	0.894	0.881	0.936	9.3
Carbazole		0.973	0.919	0.901	0.822	0.805	0.855	8.9
Di-n-butylphthalate		1.119	1.096	1.062	0.975	0.961	1.012	7.9
Fluoranthene		1.157	1.101	1.044	0.950	0.928	0.998	10.5
Benzidine		0.507	0.466	0.380	0.490	0.365	0.391	26.0
Pyrene		1.851	1.733	1.728	1.590	1.572	1.651	7.5
Terphenyl-d14		1.383	1.309	1.258	1.159	1.164	1.221	8.2
Butylbenzylphthalate		0.580	0.596	0.613	0.597	0.601	0.595	2.9
3,3-Dichlorobenzidine		0.387	0.409	0.410	0.417	0.406	0.403	2.6

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.: BF110524 SAS No.: BF110524 SDG No.: BF110524
Instrument ID: _____ Calibration Date(s): 11/5/2024 : _____
Calibration Time(s): 12:26 _____

LAB FILE ID:		RRF2.5 = BF140231.D			RRF005 = BF140232.D		RRF010 = BF140233.D	
		RRF020 = BF140234.D			RRF040 = BF140235.D		RRF050 = BF140236.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.386	1.344	1.345	1.232	1.232	1.284	5.7
Chrysene		1.320	1.264	1.206	1.154	1.177	1.202	5.8
Bis(2-ethylhexyl)phthalate		0.868	0.858	0.858	0.819	0.825	0.833	3.8
Di-n-octyl phthalate		1.201	1.234	1.283	1.267	1.265	1.254	2.5
Benzo(b)fluoranthene		1.300	1.184	1.214	1.245	1.125	1.210	6.0
Benzo(k)fluoranthene		1.214	1.230	1.206	1.027	1.085	1.110	9.5
Benzo(a)pyrene		1.023	0.999	1.022	0.993	0.975	0.997	2.2
Indeno(1,2,3-cd)pyrene		1.107	1.110	1.213	1.195	1.172	1.174	4.1
Dibenzo(a,h)anthracene		0.917	0.923	0.998	0.979	0.968	0.966	3.4
Benzo(g,h,i)perylene		0.949	0.941	1.017	0.994	0.977	0.985	3.1
1,2,4,5-Tetrachlorobenzene		0.657	0.619	0.600	0.562	0.559	0.586	7.2
1,4-Dioxane		0.613	0.582	0.576	0.550	0.526	0.555	6.6
2,3,4,6-Tetrachlorophenol		0.323	0.324	0.321	0.305	0.309	0.313	3.3
1-Methylnaphthalene		0.765	0.720	0.691	0.634	0.612	0.661	10.0

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.: BF110824 SAS No.: BF110824 SDG NO.: BF110824

EPA Sample No.: SSTDICCC040

Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BF140235.D

Time Analyzed: 10:02

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	201300	6.881	739114	8.16	424404	9.92
	UPPER LIMIT	402600	7.381	1478228	8.657	848808	10.422
	LOWER LIMIT	100650	6.381	369557	7.657	212202	9.422
	EPA SAMPLE NO.						
01	PB164765BL	180593	6.88	699300	8.16	441390	9.92
02	PB164750BS	195639	6.88	765547	8.16	473510	9.92
03	PB164680BL	151320	6.88	591598	8.16	368591	9.92
04	PB164680BS	146386	6.88	577855	8.16	358934	9.92
05	PPE-COMP	115511	6.88	427356	8.16	240062	9.92
06	Z-04RE	117884	6.88	441931	8.16	259086	9.92
07	JC-701-COMP-01DL	132204	6.88	492322	8.16	291280	9.92
08	Z-01DL	129594	6.88	492100	8.16	287620	9.92
09	TP-14	114424	6.88	407029	8.16	211584 *	9.92
10	Z-03ADL	121281	6.88	454225	8.16	251113	9.92
11	BP-G2	101921	6.88	352375 *	8.16	170859 *	9.92
12	BP-B2	105952	6.89	363590 *	8.16	211950 *	9.92
13	TP2	126400	6.88	480686	8.16	253851	9.92
14	TP2MS	122176	6.88	451887	8.16	246982	9.92
15	TP2MSD	119710	6.88	448822	8.16	245092	9.92
16	72-12018	106168	6.88	429844	8.16	207340 *	9.92
17	WC-2 (0-6)	115521	6.88	425723	8.16	222785	9.92
18	TP-11	120884	6.88	437838	8.16	216596	9.92
19	WC-1 (0-6)	116360	6.88	402526	8.16	201087 *	9.92
20	BP-B4	106091	6.88	372688	8.16	187605 *	9.92
21	BP-B4MS	111731	6.88	394140	8.16	192644 *	9.92
22	BP-B4MSD	110036	6.88	391943	8.16	195155 *	9.92
23	B-3-1	113687	6.88	388933	8.16	199747 *	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF110824 SAS No.: BF110824 SDG NO.: BF110824

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BF140235.D Time Analyzed: 20:14

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	201300	6.881	739114	8.16	424404	9.92
UPPER LIMIT	402600	7.381	1478228	8.657	848808	10.422
LOWER LIMIT	100650	6.381	369557	7.657	212202	9.422
EPA SAMPLE NO.						
24 B-6-2	108852	6.88	376967	8.16	191196 *	9.92

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.: BF110824 SAS No.: BF110824 SDG NO.: BF110824

EPA Sample No.: SSTDCCC040

Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BF140286.D

Time Analyzed: 10:02

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	203786	6.881	760595	8.16	473134	9.92
	UPPER LIMIT	407572	7.381	1521190	8.663	946268	10.422
	LOWER LIMIT	101893	6.381	380297.5	7.663	236567	9.422
	EPA SAMPLE NO.						
01	PB164765BL	180593	6.88	699300	8.16	441390	9.92
02	PB164750BS	195639	6.88	765547	8.16	473510	9.92
03	PB164680BL	151320	6.88	591598	8.16	368591	9.92
04	PB164680BS	146386	6.88	577855	8.16	358934	9.92
05	PPE-COMP	115511	6.88	427356	8.16	240062	9.92
06	Z-04RE	117884	6.88	441931	8.16	259086	9.92
07	JC-701-COMP-01DL	132204	6.88	492322	8.16	291280	9.92
08	Z-01DL	129594	6.88	492100	8.16	287620	9.92
09	TP-14	114424	6.88	407029	8.16	211584 *	9.92
10	Z-03ADL	121281	6.88	454225	8.16	251113	9.92
11	BP-G2	101921	6.88	352375 *	8.16	170859 *	9.92
12	BP-B2	105952	6.89	363590 *	8.16	211950 *	9.92
13	TP2	126400	6.88	480686	8.16	253851	9.92
14	TP2MS	122176	6.88	451887	8.16	246982	9.92
15	TP2MSD	119710	6.88	448822	8.16	245092	9.92
16	72-12018	106168	6.88	429844	8.16	207340 *	9.92
17	WC-2 (0-6)	115521	6.88	425723	8.16	222785 *	9.92
18	TP-11	120884	6.88	437838	8.16	216596 *	9.92
19	WC-1 (0-6)	116360	6.88	402526	8.16	201087 *	9.92
20	BP-B4	106091	6.88	372688 *	8.16	187605 *	9.92
21	BP-B4MS	111731	6.88	394140	8.16	192644 *	9.92
22	BP-B4MSD	110036	6.88	391943	8.16	195155 *	9.92
23	B-3-1	113687	6.88	388933	8.16	199747 *	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF110824 SAS No.: BF110824 SDG NO.: BF110824

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BF140286.D Time Analyzed: 20:14

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	203786	6.881	760595	8.16	473134	9.92
UPPER LIMIT	407572	7.381	1521190	8.663	946268	10.422
LOWER LIMIT	101893	6.381	380297.5	7.663	236567	9.422
EPA SAMPLE NO.						
24 B-6-2	108852	6.88	376967 *	8.16	191196 *	9.92

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.: BF110824 SAS No.: BF110824 SDG NO.: BF110824

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BF140235.D Time Analyzed: 10:02

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	741987	11.41	448378	14.063	424484	15.562
	UPPER LIMIT	1483974	11.91	896756	14.563	848968	16.062
	LOWER LIMIT	370993.5	10.91	224189	13.563	212242	15.062
	EPA SAMPLE NO.						
01	PB164765BL	869591	11.40	647570	14.05	498484	15.55
02	PB164750BS	882492	11.41	554441	14.06	455207	15.56
03	PB164680BL	737164	11.40	536164	14.05	403684	15.55
04	PB164680BS	682080	11.41	432746	14.06	360367	15.56
05	PPE-COMP	366767 *	11.40	247843	14.06	281642	15.57
06	Z-04RE	451797	11.40	246243	14.05	291932	15.55
07	JC-701-COMP-01DL	516504	11.40	280401	14.05	325761	15.55
08	Z-01DL	500886	11.40	292758	14.06	349826	15.56
09	TP-14	303754 *	11.42	255769	14.06	293272	15.57
10	Z-03ADL	378257	11.40	280284	14.06	232516	15.56
11	BP-G2	253085 *	11.42	228504	14.07	197243 *	15.58
12	BP-B2	306984 *	11.40	241924	14.06	188396 *	15.56
13	TP2	386774	11.40	299224	14.06	236503	15.57
14	TP2MS	380764	11.41	270987	14.06	205942 *	15.56
15	TP2MSD	382682	11.41	271857	14.06	209874 *	15.57
16	72-12018	303824 *	11.40	233652	14.06	185310 *	15.56
17	WC-2 (0-6)	343931 *	11.40	256443	14.07	206534 *	15.58
18	TP-11	349249 *	11.40	251618	14.06	196092 *	15.57
19	WC-1 (0-6)	343480 *	11.40	223839 *	14.06	183726 *	15.56
20	BP-B4	321471 *	11.40	223641 *	14.06	176151 *	15.56
21	BP-B4MS	322020 *	11.41	212503 *	14.06	174450 *	15.56

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF110824 SAS No.: BF110824 SDG NO.: BF110824

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BF140235.D Time Analyzed: 19:22

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	741987	11.41	448378	14.063	424484	15.562
UPPER LIMIT	1483974	11.91	896756	14.563	848968	16.062
LOWER LIMIT	370993.5	10.91	224189	13.563	212242	15.062
EPA SAMPLE NO.						
22 BP-B4MSD	332415 *	11.41	214633 *	14.06	179498 *	15.56
23 B-3-1	347898 *	11.41	189190 *	14.07	170096 *	15.59
24 B-6-2	335212 *	11.41	198806 *	14.06	180647 *	15.56

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.: BF110824 SAS No.: BF110824 SDG NO.: BF110824

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BF140286.D Time Analyzed: 10:02

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	883136	11.41	554697	14.063	449723	15.551
	UPPER LIMIT	1766272	11.91	1109394	14.563	899446	16.051
	LOWER LIMIT	441568	10.91	277348.5	13.563	224861.5	15.051
	EPA SAMPLE NO.						
01	PB164765BL	869591	11.40	647570	14.05	498484	15.55
02	PB164750BS	882492	11.41	554441	14.06	455207	15.56
03	PB164680BL	737164	11.40	536164	14.05	403684	15.55
04	PB164680BS	682080	11.41	432746	14.06	360367	15.56
05	PPE-COMP	366767 *	11.40	247843 *	14.06	281642	15.57
06	Z-04RE	451797	11.40	246243 *	14.05	291932	15.55
07	JC-701-COMP-01DL	516504	11.40	280401	14.05	325761	15.55
08	Z-01DL	500886	11.40	292758	14.06	349826	15.56
09	TP-14	303754 *	11.42	255769 *	14.06	293272	15.57
10	Z-03ADL	378257 *	11.40	280284	14.06	232516	15.56
11	BP-G2	253085 *	11.42	228504 *	14.07	197243 *	15.58
12	BP-B2	306984 *	11.40	241924 *	14.06	188396 *	15.56
13	TP2	386774 *	11.40	299224	14.06	236503	15.57
14	TP2MS	380764 *	11.41	270987 *	14.06	205942 *	15.56
15	TP2MSD	382682 *	11.41	271857 *	14.06	209874 *	15.57
16	72-12018	303824 *	11.40	233652 *	14.06	185310 *	15.56
17	WC-2 (0-6)	343931 *	11.40	256443 *	14.07	206534 *	15.58
18	TP-11	349249 *	11.40	251618 *	14.06	196092 *	15.57
19	WC-1 (0-6)	343480 *	11.40	223839 *	14.06	183726 *	15.56
20	BP-B4	321471 *	11.40	223641 *	14.06	176151 *	15.56
21	BP-B4MS	322020 *	11.41	212503 *	14.06	174450 *	15.56

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF110824 SAS No.: BF110824 SDG NO.: BF110824

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BF140286.D Time Analyzed: 19:22

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	883136	11.41	554697	14.063	449723	15.551
UPPER LIMIT	1766272	11.91	1109394	14.563	899446	16.051
LOWER LIMIT	441568	10.91	277348.5	13.563	224861.5	15.051
EPA SAMPLE NO.						
22 BP-B4MSD	332415 *	11.41	214633 *	14.06	179498 *	15.56
23 B-3-1	347898 *	11.41	189190 *	14.07	170096 *	15.59
24 B-6-2	335212 *	11.41	198806 *	14.06	180647 *	15.56

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF110824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164680BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103		
	Pyridine	1700	1400	ug/Kg	82				28	98		
	Benzaldehyde	1700	350	ug/Kg	21				10	133		
	Aniline	1700	1600	ug/Kg	94				38	100		
	Phenol	1700	1700	ug/Kg	100				62	112		
	bis(2-Chloroethyl)ether	1700	1700	ug/Kg	100				60	101		
	2-Chlorophenol	1700	1800	ug/Kg	106				65	112		
	1,2-Dichlorobenzene	1700	1700	ug/Kg	100				51	102		
	1,3-Dichlorobenzene	1700	1600	ug/Kg	94				52	99		
	1,4-Dichlorobenzene	1700	1600	ug/Kg	94				52	100		
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116		
	2-Methylphenol	1700	1700	ug/Kg	100				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				51	100		
	Acetophenone	1700	1500	ug/Kg	88				66	98		
	3+4-Methylphenols	1700	1700	ug/Kg	100				58	111		
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95		
	Hexachloroethane	1700	1600	ug/Kg	94				72	108		
	Nitrobenzene	1700	1500	ug/Kg	88				57	101		
	Isophorone	1700	1600	ug/Kg	94				59	99		
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111		
	2,4-Dimethylphenol	1700	2000	ug/Kg	118				46	141		
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97		
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107		
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110		
	Benzoic acid	1700	1800	ug/Kg	106				10	140		
	Naphthalene	1700	1600	ug/Kg	94				62	100		
	4-Chloroaniline	1700	760	ug/Kg	45				16	100		
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98		
	Caprolactam	1700	1700	ug/Kg	100				67	110		
	4-Chloro-3-methylphenol	1700	1800	ug/Kg	106				58	112		
	2-Methylnaphthalene	1700	1700	ug/Kg	100				60	104		
	Hexachlorocyclopentadiene	3300	6500	ug/Kg	197		*		45	165		
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102		
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98		
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103		
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
	Dimethylphthalate	1700	1700	ug/Kg	100		*		61	99		
	Acenaphthylene	1700	1700	ug/Kg	100				63	101		
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104		
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100		
	Acenaphthene	1700	1800	ug/Kg	106		*		57	104		
	Total PAH	27200	27500	ug/Kg	101				57	104		
	2,4-Dinitrophenol	3300	3800	ug/Kg	115				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF110824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB164680BS	4-Nitrophenol	3300	3900	ug/Kg	118				48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3500	ug/Kg	103				60	106	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1700	ug/Kg	100		*		58	98	
	Fluorene	1700	1700	ug/Kg	100				61	101	
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	2000	ug/Kg	118		*		76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	2300	ug/Kg	135				47	152	
	Pentachlorophenol	3300	3700	ug/Kg	112		*		67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1700	ug/Kg	100		*		61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Benzidine	3300	1800	ug/Kg	55				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112				52	137	
	Benzo(b)fluoranthene	1700	1900	ug/Kg	112		*		62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1900	ug/Kg	112		*		59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF110824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164750BS	n-Nitrosodimethylamine	1700	1200	ug/Kg	71				57	103		
	Pyridine	1700	1100	ug/Kg	65				28	98		
	Benzaldehyde	1700	240	ug/Kg	14				10	133		
	Aniline	1700	1600	ug/Kg	94				38	100		
	Phenol	1700	1400	ug/Kg	82				62	112		
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101		
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112		
	1,2-Dichlorobenzene	1700	1300	ug/Kg	76				51	102		
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99		
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100		
	Benzyl Alcohol	1700	1400	ug/Kg	82				42	116		
	2-Methylphenol	1700	1400	ug/Kg	82				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100		
	Acetophenone	1700	1300	ug/Kg	76				66	98		
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111		
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95		
	Hexachloroethane	1700	1300	ug/Kg	76				72	108		
	Nitrobenzene	1700	1200	ug/Kg	71				57	101		
	Isophorone	1700	1400	ug/Kg	82				59	99		
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111		
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141		
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				66	97		
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107		
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110		
	Benzoic acid	1700	1500	ug/Kg	88				10	140		
	Naphthalene	1700	1300	ug/Kg	76				62	100		
	4-Chloroaniline	1700	1300	ug/Kg	76				16	100		
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98		
	Caprolactam	1700	1300	ug/Kg	76				67	110		
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112		
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104		
	Hexachlorocyclopentadiene	3300	5500	ug/Kg	167		*		45	165		
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102		
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98		
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103		
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99		
	2-Nitroaniline	1700	1300	ug/Kg	76				66	101		
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99		
	Acenaphthylene	1700	1400	ug/Kg	82				63	101		
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104		
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100		
	Acenaphthene	1700	1500	ug/Kg	88				57	104		
	Total PAH	27200	22500	ug/Kg	83				57	104		
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF110824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164750BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119		
	Dibenzofuran	1700	1300	ug/Kg	76				63	99		
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106		
	2,4-Dinitrotoluene/2,6-Dinitrotc	3400	2800	ug/Kg	82				60	106		
	Diethylphthalate	1700	1400	ug/Kg	82				60	101		
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98		
	Fluorene	1700	1300	ug/Kg	76				61	101		
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103		
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113		
	N-Nitrosodiphenylamine	1700	1300	ug/Kg	76				71	99		
	Azobenzene	1700	1300	ug/Kg	76				54	103		
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102		
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98		
	Atrazine	1700	1600	ug/Kg	94				47	152		
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105		
	Phenanthrene	1700	1400	ug/Kg	82				59	103		
	Anthracene	1700	1400	ug/Kg	82				61	105		
	Carbazole	1700	1400	ug/Kg	82				61	99		
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104		
	Fluoranthene	1700	1400	ug/Kg	82				57	107		
	Benzidine	3300	1500	ug/Kg	45				10	98		
	Pyrene	1700	1400	ug/Kg	82				59	103		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103		
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91		
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102		
	Chrysene	1700	1400	ug/Kg	82				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135		
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109		
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101		
	Dibenz(a,h)anthracene	1700	1400	ug/Kg	82				61	112		
	Benzo(g,h,i)perylene	1700	1300	ug/Kg	76				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101		
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108		
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164680BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF110824

SAS No.: BF110824 SDG NO.: BF110824

Lab File ID: BF140289.D

Lab Sample ID: PB164680BL

Instrument ID: BNA_F

Date Extracted: 11/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 10:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164680BS	PB164680BS	BF140290.D	11/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PPE-COMP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF110824

SAS No.: BF110824 SDG NO.: BF110824

Lab File ID: BF140291.D

Lab Sample ID: P4732-01

Instrument ID: BNA_F

Date Extracted: 11/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 11:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PPE-COMP	P4732-01	BF140291.D	11/08/2024
TP-14	P4739-01	BF140295.D	11/08/2024
BP-G2	P4739-05	BF140297.D	11/08/2024
BP-B2	P4739-09	BF140298.D	11/08/2024
TP2	P4737-01	BF140299.D	11/08/2024
TP2MS	P4737-01MS	BF140300.D	11/08/2024
TP2MSD	P4737-01MSD	BF140301.D	11/08/2024
72-12018	P4738-01	BF140302.D	11/08/2024
WC-2 (0-6)	P4722-08	BF140303.D	11/08/2024
TP-11	P4739-13	BF140304.D	11/08/2024
WC-1 (0-6)	P4722-03	BF140305.D	11/08/2024
PB164750BS	PB164750BS	BF140288.D	11/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164765BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF110824

SAS No.: BF110824 SDG NO.: BF110824

Lab File ID: BF140287.D

Lab Sample ID: PB164765BL

Instrument ID: BNA_F

Date Extracted: 11/07/2024

Matrix: (soil/water) water

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 10:02

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.

BP-B4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF110824

SAS No.: BF110824 SDG NO.: BF110824

Lab File ID: BF140306.D

Lab Sample ID: P4756-01

Instrument ID: BNA_F

Date Extracted: 11/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 18:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-B4	P4756-01	BF140306.D	11/08/2024
BP-B4MS	P4756-01MS	BF140307.D	11/08/2024
BP-B4MSD	P4756-01MSD	BF140308.D	11/08/2024
B-3-1	P4768-01	BF140309.D	11/08/2024
B-6-2	P4768-06	BF140310.D	11/08/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4756-01MS		Client Sample ID: BP-B4MS		DataFile: BF140307.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100				66	124	
Pyridine	1100		1000	ug/Kg	91				45	119	
Benzaldehyde	1100		230	ug/Kg	21				10	86	
Aniline	1100		960	ug/Kg	87				10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109				54	125	
2-Chlorophenol	1100		1200	ug/Kg	109	*			79	107	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100				65	110	
Acetophenone	1100		1200	ug/Kg	109				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		920	ug/Kg	84				65	117	
Nitrobenzene	1100		1100	ug/Kg	100				70	119	
Isophorone	1100		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1400	ug/Kg	127				44	135	
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109				68	112	
2,4-Dichlorophenol	1100		1200	ug/Kg	109				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		930	ug/Kg	85				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		580	ug/Kg	53				10	91	
Hexachlorobutadiene	1100		1100	ug/Kg	100				66	114	
Caprolactam	1100		1200	ug/Kg	109				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2300		860	ug/Kg	37				10	175	
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*			72	117	
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
1,1-Biphenyl	1100		1300	ug/Kg	118	*			75	113	
2-Chloronaphthalene	1100		1200	ug/Kg	109				67	118	
2-Nitroaniline	1100		1300	ug/Kg	118				69	127	
Dimethylphthalate	1100		1300	ug/Kg	118	*			70	113	
Acenaphthylene	1100		1300	ug/Kg	118				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		1100	ug/Kg	100	*			30	99	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		20100	ug/Kg	114				70	121	
2,4-Dinitrophenol	2300		280	ug/Kg	12				10	155	
4-Nitrophenol	2300		2500	ug/Kg	109				45	133	
Dibenzofuran	1100		1200	ug/Kg	109				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
Diethylphthalate	1100		1200	ug/Kg	109				70	112	
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*			71	108	
Fluorene	1100		1200	ug/Kg	109				68	116	
4-Nitroaniline	1100		1200	ug/Kg	109				55	120	
4,6-Dinitro-2-methylphenol	1100		130	ug/Kg	12				10	160	
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118				73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109				65	121	
Hexachlorobenzene	1100		1200	ug/Kg	109				67	118	
Atrazine	1100		1600	ug/Kg	145	*			79	127	
Pentachlorophenol	2300		2600	ug/Kg	113				47	128	
Phenanthrene	1100		1300	ug/Kg	118				52	128	
Anthracene	1100		1300	ug/Kg	118				62	124	
Carbazole	1100		1300	ug/Kg	118				59	119	
Di-n-butylphthalate	1100		1200	ug/Kg	109				69	118	
Fluoranthene	1100		1400	ug/Kg	127	*			44	125	
Benzydine	2300		3200	ug/Kg	139	*			10	119	
Pyrene	1100		1300	ug/Kg	118				26	142	
Butylbenzylphthalate	1100		1400	ug/Kg	127	*			64	126	
3,3-Dichlorobenzidine	1100		1400	ug/Kg	127	*			33	116	
Benzo(a)anthracene	1100		1300	ug/Kg	118	*			71	114	
Chrysene	1100		1300	ug/Kg	118				57	121	
bis(2-Ethylhexyl)phthalate	1100		1300	ug/Kg	118				42	169	
Di-n-octyl phthalate	1100		1200	ug/Kg	109				23	175	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		1300	ug/Kg	118				57	134	
Benzo(a)pyrene	1100		1400	ug/Kg	127				70	142	
Indeno(1,2,3-cd)pyrene	1100		1300	ug/Kg	118				40	129	
Dibenz(a,h)anthracene	1100		1200	ug/Kg	109				43	123	
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1300	ug/Kg	118				69	124	
1,4-Dioxane	1100		960	ug/Kg	87				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				69	112	
1-Methylnaphthalene	1100		1000	ug/Kg	91				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4756-01MSD		Client Sample ID: BP-B4MSD		DataFile: BF140308.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91		9		66	124	20
Pyridine	1100		1000	ug/Kg	91		0		45	119	20
Benzaldehyde	1100		220	ug/Kg	20		5		10	86	20
Aniline	1100		960	ug/Kg	87		0		10	88	20
Phenol	1100		1200	ug/Kg	109		0		67	126	20
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109		0		54	125	20
2-Chlorophenol	1100		1200	ug/Kg	109	*	0		79	107	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		0		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		0		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		0		65	110	20
Acetophenone	1100		1200	ug/Kg	109		0		75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100		0		66	104	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100		0		59	119	20
Hexachloroethane	1100		920	ug/Kg	84		0		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		0		70	119	20
Isophorone	1100		1100	ug/Kg	100		0		76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1100		1400	ug/Kg	127		0		44	135	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		9		68	112	20
2,4-Dichlorophenol	1100		1200	ug/Kg	109		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		0		57	103	20
Benzoic acid	1100		940	ug/Kg	85		0		50	104	20
Naphthalene	1100		1100	ug/Kg	100		0		72	110	20
4-Chloroaniline	1100		640	ug/Kg	58		9		10	91	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		0		66	114	20
Caprolactam	1100		1200	ug/Kg	109		0		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	2200		1000	ug/Kg	45		20		10	175	20
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*	0		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		8		75	113	20
2-Chloronaphthalene	1100		1200	ug/Kg	109		0		67	118	20
2-Nitroaniline	1100		1300	ug/Kg	118		0		69	127	20
Dimethylphthalate	1100		1300	ug/Kg	118	*	0		70	113	20
Acenaphthylene	1100		1300	ug/Kg	118		0		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		0		70	125	20
3-Nitroaniline	1100		1100	ug/Kg	100	*	0		30	99	20
Acenaphthene	1100		1100	ug/Kg	100		0		70	121	20
Total PAH	17600		19600	ug/Kg	111		3		70	121	20
2,4-Dinitrophenol	2200		370	ug/Kg	17		34	*	10	155	20
4-Nitrophenol	2200		2500	ug/Kg	114		4		45	133	20
Dibenzofuran	1100		1200	ug/Kg	109		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100		0		55	128	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		0		70	112	20
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*	0		71	108	20
Fluorene	1100		1100	ug/Kg	100		9		68	116	20
4-Nitroaniline	1100		1200	ug/Kg	109		0		55	120	20
4,6-Dinitro-2-methylphenol	1100		200	ug/Kg	18		40	*	10	160	20
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118		0		73	118	20
Azobenzene	1100		1200	ug/Kg	109		0		73	110	20
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109		0		65	121	20
Hexachlorobenzene	1100		1200	ug/Kg	109		0		67	118	20
Atrazine	1100		1600	ug/Kg	145	*	0		79	127	20
Pentachlorophenol	2200		2600	ug/Kg	118		4		47	128	20
Phenanthrene	1100		1300	ug/Kg	118		0		52	128	20
Anthracene	1100		1300	ug/Kg	118		0		62	124	20
Carbazole	1100		1300	ug/Kg	118		0		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		0		69	118	20
Fluoranthene	1100		1300	ug/Kg	118		7		44	125	20
Benzidine	2200		3200	ug/Kg	145	*	4		10	119	20
Pyrene	1100		1300	ug/Kg	118		0		26	142	20
Butylbenzylphthalate	1100		1300	ug/Kg	118		7		64	126	20
3,3-Dichlorobenzidine	1100		1400	ug/Kg	127	*	0		33	116	20
Benzo(a)anthracene	1100		1300	ug/Kg	118	*	0		71	114	20
Chrysene	1100		1300	ug/Kg	118		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1300	ug/Kg	118		0		42	169	20
Di-n-octyl phthalate	1100		1200	ug/Kg	109		0		23	175	20
Benzo(b)fluoranthene	1100		1200	ug/Kg	109		0		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		8		57	134	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		7		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1200	ug/Kg	109		8		40	129	20
Dibenz(a,h)anthracene	1100		1200	ug/Kg	109		0		43	123	20
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1300	ug/Kg	118		0		69	124	20
1,4-Dioxane	1100		940	ug/Kg	85		2		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1300	ug/Kg	118	*	8		69	112	20
1-Methylnaphthalene	1100		1000	ug/Kg	91		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4737-01MS		Client Sample ID: TP2MS		DataFile: BF140300.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91				66	124	
Pyridine	1100		1100	ug/Kg	100				45	119	
Benzaldehyde	1100		220	ug/Kg	20				10	86	
Aniline	1100		680	ug/Kg	62				10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				54	125	
2-Chlorophenol	1100		1200	ug/Kg	109	*			79	107	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91				65	110	
Acetophenone	1100		1100	ug/Kg	100				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91				59	119	
Hexachloroethane	1100		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		1000	ug/Kg	91				70	119	
Isophorone	1100		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1400	ug/Kg	127				44	135	
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100				68	112	
2,4-Dichlorophenol	1100		1200	ug/Kg	109				72	118	
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91				57	103	
Benzoic acid	1100		1100	ug/Kg	100				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		360	ug/Kg	33				10	91	
Hexachlorobutadiene	1100		1000	ug/Kg	91				66	114	
Caprolactam	1100		1200	ug/Kg	109				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2200		1400	ug/Kg	64				10	175	
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
1,1-Biphenyl	1100		1100	ug/Kg	100				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1200	ug/Kg	109				70	113	
Acenaphthylene	1100		1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		660	ug/Kg	60				30	99	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		18240	ug/Kg	104				70	121	
2,4-Dinitrophenol	2200		1100	ug/Kg	50				10	155	
4-Nitrophenol	2200		2400	ug/Kg	109				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		950	ug/Kg	86				55	120	
4,6-Dinitro-2-methylphenol	1100		710	ug/Kg	65				10	160	
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118				73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109				65	121	
Hexachlorobenzene	1100		1200	ug/Kg	109				67	118	
Atrazine	1100		1600	ug/Kg	145	*			79	127	
Pentachlorophenol	2200		2300	ug/Kg	105				47	128	
Phenanthrene	1100		1200	ug/Kg	109				52	128	
Anthracene	1100		1200	ug/Kg	109				62	124	
Carbazole	1100		1200	ug/Kg	109				59	119	
Di-n-butylphthalate	1100		1200	ug/Kg	109				69	118	
Fluoranthene	1100		1100	ug/Kg	100				44	125	
Benzydine	2200		1600	ug/Kg	73				10	119	
Pyrene	1100		990	ug/Kg	90				26	142	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100				33	116	
Benzo(a)anthracene	1100		1200	ug/Kg	109				71	114	
Chrysene	1100		1200	ug/Kg	109				57	121	
bis(2-Ethylhexyl)phthalate	1100		1000	ug/Kg	91				42	169	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1100		1300	ug/Kg	118				67	121	
Benzo(k)fluoranthene	1100		1200	ug/Kg	109				57	134	
Benzo(a)pyrene	1100		1300	ug/Kg	118				70	142	
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91				43	123	
Benzo(g,h,i)perylene	1100		950	ug/Kg	86				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109				69	124	
1,4-Dioxane	1100		1000	ug/Kg	91				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				69	112	
1-Methylnaphthalene	1100		1000	ug/Kg	91				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4737-01MSD		Client Sample ID: TP2MSD		DataFile: BF140301.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91		0		66	124	20
Pyridine	1100		1100	ug/Kg	100		0		45	119	20
Benzaldehyde	1100		230	ug/Kg	21		5		10	86	20
Aniline	1100		740	ug/Kg	67		8		10	88	20
Phenol	1100		1200	ug/Kg	109		9		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		0		54	125	20
2-Chlorophenol	1100		1200	ug/Kg	109	*	0		79	107	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		9		47	126	20
2-Methylphenol	1100		1200	ug/Kg	109		9		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		9		65	110	20
Acetophenone	1100		1100	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1100		1200	ug/Kg	109	*	9		66	104	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100		9		59	119	20
Hexachloroethane	1100		1000	ug/Kg	91		0		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		9		70	119	20
Isophorone	1100		1100	ug/Kg	100		0		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		0		54	145	20
2,4-Dimethylphenol	1100		1400	ug/Kg	127		0		44	135	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	1100		1200	ug/Kg	109		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		9		57	103	20
Benzoic acid	1100		1100	ug/Kg	100		0		50	104	20
Naphthalene	1100		1100	ug/Kg	100		0		72	110	20
4-Chloroaniline	1100		390	ug/Kg	35		6		10	91	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		9		66	114	20
Caprolactam	1100		1100	ug/Kg	100		9		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	2200		1500	ug/Kg	68		6		10	175	20
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*	8		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		9		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		0		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		9		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		0		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		0		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		0		70	125	20
3-Nitroaniline	1100		670	ug/Kg	61		2		30	99	20
Acenaphthene	1100		1200	ug/Kg	109		9		70	121	20
Total PAH	17600		18680	ug/Kg	106		2		70	121	20
2,4-Dinitrophenol	2200		1100	ug/Kg	50		0		10	155	20
4-Nitrophenol	2200		2500	ug/Kg	114		4		45	133	20
Dibenzofuran	1100		1200	ug/Kg	109		9		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF110824

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1200	ug/Kg	109		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105		5		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		9		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		0		71	108	20
Fluorene	1100		1100	ug/Kg	100		0		68	116	20
4-Nitroaniline	1100		970	ug/Kg	88		2		55	120	20
4,6-Dinitro-2-methylphenol	1100		800	ug/Kg	73		12		10	160	20
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118		0		73	118	20
Azobenzene	1100		1200	ug/Kg	109		0		73	110	20
4-Bromophenyl-phenylether	1100		1300	ug/Kg	118		8		65	121	20
Hexachlorobenzene	1100		1200	ug/Kg	109		0		67	118	20
Atrazine	1100		1600	ug/Kg	145	*	0		79	127	20
Pentachlorophenol	2200		2400	ug/Kg	109		4		47	128	20
Phenanthrene	1100		1200	ug/Kg	109		0		52	128	20
Anthracene	1100		1200	ug/Kg	109		0		62	124	20
Carbazole	1100		1200	ug/Kg	109		0		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		0		69	118	20
Fluoranthene	1100		1200	ug/Kg	109		9		44	125	20
Benzydine	2200		1800	ug/Kg	82		12		10	119	20
Pyrene	1100		1000	ug/Kg	91		1		26	142	20
Butylbenzylphthalate	1100		1100	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	1100		1200	ug/Kg	109		9		33	116	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		0		71	114	20
Chrysene	1100		1200	ug/Kg	109		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1000	ug/Kg	91		0		42	169	20
Di-n-octyl phthalate	1100		1100	ug/Kg	100		0		23	175	20
Benzo(b)fluoranthene	1100		1400	ug/Kg	127	*	7		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		0		57	134	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100		0		40	129	20
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100		9		43	123	20
Benzo(g,h,i)perylene	1100		980	ug/Kg	89		3		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		0		69	124	20
1,4-Dioxane	1100		1100	ug/Kg	100		9		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		0		69	112	20
1-Methylnaphthalene	1100		1100	ug/Kg	100		9		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF110824**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4694-01DL	Z-03ADL	BF140296.D	2-Fluorophenol	150	118.03	79		18	112
			Phenol-d6	150	117.23	78		15	107
			Nitrobenzene-d5	100	77.03	77		18	107
			2-Fluorobiphenyl	100	84.87	85		20	109
			2,4,6-Tribromophenol	150	103.14	69		10	116
			Terphenyl-d14	100	69.15	69		10	105
P4694-05RE	Z-04RE	BF140292.D	2-Fluorophenol	150	115.04	77		18	112
			Phenol-d6	150	112.76	75		15	107
			Nitrobenzene-d5	100	76.48	76		18	107
			2-Fluorobiphenyl	100	74.67	75		20	109
			2,4,6-Tribromophenol	150	121.50	81		10	116
			Terphenyl-d14	100	72.92	73		10	105
P4695-01DL	Z-01DL	BF140294.D	2-Fluorophenol	150	100.35	67		18	112
			Phenol-d6	150	101.46	68		15	107
			Nitrobenzene-d5	100	65.65	66		18	107
			2-Fluorobiphenyl	100	67.58	68		20	109
			2,4,6-Tribromophenol	150	97.85	65		10	116
			Terphenyl-d14	100	58.26	58		10	105
PB164680BL	PB164680BL	BF140289.D	2-Fluorophenol	150	122.03	81		18	112
			Phenol-d6	150	118.17	79		15	107
			Nitrobenzene-d5	100	79.28	79		18	107
			2-Fluorobiphenyl	100	79.64	80		20	109
			2,4,6-Tribromophenol	150	146.30	98		10	116
			Terphenyl-d14	100	81.21	81		10	105
PB164680BS	PB164680BS	BF140290.D	2-Fluorophenol	150	136.16	91		18	112
			Phenol-d6	150	134.44	90		15	107
			Nitrobenzene-d5	100	89.60	90		18	107
			2-Fluorobiphenyl	100	89.22	89		20	109
			2,4,6-Tribromophenol	150	169.20	113		10	116
			Terphenyl-d14	100	100.19	100		10	105

Surrogate Summary

SW-846

SDG No.: **BF110824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4720-01DL	JC-701-COMP-01	DBF140293.D	2-Fluorophenol	150	10.38	7	*	18	112
			Phenol-d6	150	10.73	7	*	15	107
			Nitrobenzene-d5	100	7.39	7	*	18	107
			2-Fluorobiphenyl	100	8.13	8	*	20	109
			2,4,6-Tribromophenol	150	10.06	7	*	10	116
			Terphenyl-d14	100	8.37	8	*	10	105
P4722-03	WC-1(0-6)	BF140305.D	2-Fluorophenol	150	82.39	55		18	112
			Phenol-d6	150	80.30	54		15	107
			Nitrobenzene-d5	100	55.86	56		18	107
			2-Fluorobiphenyl	100	62.46	62		20	109
			2,4,6-Tribromophenol	150	78.29	52		10	116
			Terphenyl-d14	100	60.19	60		10	105
P4722-08	WC-2(0-6)	BF140303.D	2-Fluorophenol	150	99.75	67		18	112
			Phenol-d6	150	97.69	65		15	107
			Nitrobenzene-d5	100	66.46	66		18	107
			2-Fluorobiphenyl	100	71.33	71		20	109
			2,4,6-Tribromophenol	150	91.73	61		10	116
			Terphenyl-d14	100	58.29	58		10	105
P4732-01	PPE-COMP	BF140291.D	2-Fluorophenol	150	78.24	52		18	112
			Phenol-d6	150	78.45	52		15	107
			Nitrobenzene-d5	100	53.43	53		18	107
			2-Fluorobiphenyl	100	57.51	58		20	109
			2,4,6-Tribromophenol	150	76.77	51		10	116
			Terphenyl-d14	100	50.25	50		10	105
P4737-01	TP2	BF140299.D	2-Fluorophenol	150	94.68	63		18	112
			Phenol-d6	150	94.02	63		15	107
			Nitrobenzene-d5	100	60.80	61		18	107
			2-Fluorobiphenyl	100	66.69	67		20	109
			2,4,6-Tribromophenol	150	90.79	61		10	116
			Terphenyl-d14	100	53.54	54		10	105
P4737-01MS	TP2MS	BF140300.D	2-Fluorophenol	150	94.96	63		18	112
			Phenol-d6	150	94.46	63		15	107
			Nitrobenzene-d5	100	63.69	64		18	107
			2-Fluorobiphenyl	100	67.62	68		20	109
			2,4,6-Tribromophenol	150	98.00	65		10	116
			Terphenyl-d14	100	57.18	57		10	105
P4737-01MSD	TP2MSD	BF140301.D	2-Fluorophenol	150	97.88	65		18	112
			Phenol-d6	150	97.64	65		15	107
			Nitrobenzene-d5	100	64.98	65		18	107
			2-Fluorobiphenyl	100	69.17	69		20	109
			2,4,6-Tribromophenol	150	100.32	67		10	116
			Terphenyl-d14	100	59.49	59		10	105
P4738-01	72-12018	BF140302.D	2-Fluorophenol	150	92.68	62		18	112
			Phenol-d6	150	91.51	61		15	107
			Nitrobenzene-d5	100	53.89	54		18	107
			2-Fluorobiphenyl	100	56.63	57		20	109
			2,4,6-Tribromophenol	150	87.15	58		10	116
			Terphenyl-d14	100	48.32	48		10	105
P4739-01	TP-14	BF140295.D	2-Fluorophenol	150	87.47	58		18	112

Surrogate Summary

SW-846

SDG No.: **BF110824**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4739-01	TP-14	BF140295.D	Phenol-d6	150	87.20	58		15	107
			Nitrobenzene-d5	100	63.94	64		18	107
			2-Fluorobiphenyl	100	63.82	64		20	109
			2,4,6-Tribromophenol	150	79.03	53		10	116
			Terphenyl-d14	100	44.99	45		10	105
P4739-05	BP-G2	BF140297.D	2-Fluorophenol	150	95.69	64		18	112
			Phenol-d6	150	94.19	63		15	107
			Nitrobenzene-d5	100	70.02	70		18	107
			2-Fluorobiphenyl	100	72.75	73		20	109
			2,4,6-Tribromophenol	150	93.01	62		10	116
P4739-09	BP-B2	BF140298.D	Terphenyl-d14	100	53.21	53		10	105
			2-Fluorophenol	150	69.58	46		18	112
			Phenol-d6	150	78.21	52		15	107
			Nitrobenzene-d5	100	66.44	66		18	107
			2-Fluorobiphenyl	100	64.99	65		20	109
P4739-13	TP-11	BF140304.D	2,4,6-Tribromophenol	150	82.34	55		10	116
			Terphenyl-d14	100	51.78	52		10	105
			2-Fluorophenol	150	76.27	51		18	112
			Phenol-d6	150	76.34	51		15	107
			Nitrobenzene-d5	100	50.13	50		18	107
PB164750BS	PB164750BS	BF140288.D	2-Fluorobiphenyl	100	60.65	61		20	109
			2,4,6-Tribromophenol	150	66.52	44		10	116
			Terphenyl-d14	100	53.73	54		10	105
			2-Fluorophenol	150	114.43	76		18	112
			Phenol-d6	150	112.48	75		15	107
			Nitrobenzene-d5	100	76.41	76		18	107
			2-Fluorobiphenyl	100	75.08	75		20	109
			2,4,6-Tribromophenol	150	144.44	96		10	116
			Terphenyl-d14	100	84.50	84		10	105

Surrogate Summary

SW-846

SDG No.: **BF110824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164765BL	PB164765BL	BF140287.D	2-Fluorophenol	150	148.36	99		10	139
			Phenol-d6	150	145.54	97		10	134
			Nitrobenzene-d5	100	100.83	101		49	133
			2-Fluorobiphenyl	100	94.34	94		52	132
			2,4,6-Tribromophenol	150	183.60	122		44	137
			Terphenyl-d14	100	96.40	96		48	125

Surrogate Summary

SW-846

SDG No.: **BF110824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4756-01	BP-B4	BF140306.D	2-Fluorophenol	150	114.65	76		18	112
			Phenol-d6	150	115.04	77		15	107
			Nitrobenzene-d5	100	77.14	77		18	107
			2-Fluorobiphenyl	100	86.04	86		20	109
			2,4,6-Tribromophenol	150	117.65	78		10	116
			Terphenyl-d14	100	78.42	78		10	105
P4756-01MS	BP-B4MS	BF140307.D	2-Fluorophenol	150	98.70	66		18	112
			Phenol-d6	150	100.33	67		15	107
			Nitrobenzene-d5	100	68.75	69		18	107
			2-Fluorobiphenyl	100	77.02	77		20	109
			2,4,6-Tribromophenol	150	104.65	70		10	116
			Terphenyl-d14	100	75.54	76		10	105
P4756-01MSD	BP-B4MSD	BF140308.D	2-Fluorophenol	150	98.06	65		18	112
			Phenol-d6	150	99.36	66		15	107
			Nitrobenzene-d5	100	68.44	68		18	107
			2-Fluorobiphenyl	100	75.45	75		20	109
			2,4,6-Tribromophenol	150	104.70	70		10	116
			Terphenyl-d14	100	74.99	75		10	105
P4768-01	B-3-1	BF140309.D	2-Fluorophenol	150	74.51	50		18	112
			Phenol-d6	150	72.63	48		15	107
			Nitrobenzene-d5	100	49.72	50		18	107
			2-Fluorobiphenyl	100	55.86	56		20	109
			2,4,6-Tribromophenol	150	78.64	52		10	116
			Terphenyl-d14	100	61.46	61		10	105
P4768-06	B-6-2	BF140310.D	2-Fluorophenol	150	79.04	53		18	112
			Phenol-d6	150	75.24	50		15	107
			Nitrobenzene-d5	100	51.51	52		18	107
			2-Fluorobiphenyl	100	58.82	59		20	109
			2,4,6-Tribromophenol	150	80.46	54		10	116
			Terphenyl-d14	100	61.91	62		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF110824

Lab Code: CHEM

SAS No.: BF110824 SDG NO.: BF110824

Lab File ID: BF140285.D

DFTPP Injection Date: 11/08/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.4
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	27.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	25.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140286.D	11/08/2024	09:35
PB164765BL	PB164765BL	BF140287.D	11/08/2024	10:02
PB164750BS	PB164750BS	BF140288.D	11/08/2024	10:28
PB164680BL	PB164680BL	BF140289.D	11/08/2024	10:55
PB164680BS	PB164680BS	BF140290.D	11/08/2024	11:22
PPE-COMP	P4732-01	BF140291.D	11/08/2024	11:54
Z-04RE	P4694-05RE	BF140292.D	11/08/2024	12:21
JC-701-COMP-01DL	P4720-01DL	BF140293.D	11/08/2024	12:47
Z-01DL	P4695-01DL	BF140294.D	11/08/2024	13:13
TP-14	P4739-01	BF140295.D	11/08/2024	13:40
Z-03ADL	P4694-01DL	BF140296.D	11/08/2024	14:06
BP-G2	P4739-05	BF140297.D	11/08/2024	14:32
BP-B2	P4739-09	BF140298.D	11/08/2024	14:58
TP2	P4737-01	BF140299.D	11/08/2024	15:24
TP2MS	P4737-01MS	BF140300.D	11/08/2024	15:51
TP2MSD	P4737-01MSD	BF140301.D	11/08/2024	16:17
72-12018	P4738-01	BF140302.D	11/08/2024	16:43
WC-2 (0-6)	P4722-08	BF140303.D	11/08/2024	17:10

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF110824

Lab Code: CHEM

SAS No.: BF110824 SDG NO.: BF110824

Lab File ID: BF140285.D

DFTPP Injection Date: 11/08/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.4
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	27.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	25.2
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
TP-11	P4739-13	BF140304.D	11/08/2024	17:36
WC-1 (0-6)	P4722-03	BF140305.D	11/08/2024	18:03
BP-B4	P4756-01	BF140306.D	11/08/2024	18:29
BP-B4MS	P4756-01MS	BF140307.D	11/08/2024	18:55
BP-B4MSD	P4756-01MSD	BF140308.D	11/08/2024	19:22
B-3-1	P4768-01	BF140309.D	11/08/2024	19:48
B-6-2	P4768-06	BF140310.D	11/08/2024	20:14