

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102624 SAS No.: BF102624 SDG No.: BF102624

Instrument ID: BNA_F Calibration Date/Time: 10/26/2024 : 10:38

Lab File ID: BF140050.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	0.793	0.741		-6.557	
Pyridine	1.476	1.426		-3.388	
2-Fluorophenol	1.278	1.220		-4.538	
Benzaldehyde	0.931	0.910		-2.256	
Aniline	1.542	1.432		-7.134	
Phenol-d6	1.655	1.531		-7.492	
Phenol	1.706	1.580		-7.386	20.0
bis(2-Chloroethyl)ether	1.319	1.223		-7.278	
2-Chlorophenol	1.306	1.244		-4.747	
1,2-Dichlorobenzene	1.398	1.369		-2.074	
1,3-Dichlorobenzene	1.499	1.477		-1.468	
1,4-Dichlorobenzene	1.498	1.482		-1.068	20.0
Benzyl Alcohol	1.214	1.129		-7.002	
2-Methylphenol	1.114	1.029		-7.63	
2,2-oxybis(1-Chloropropane)	2.248	1.910		-15.036	
Acetophenone	0.490	0.475		-3.061	
3+4-Methylphenols	1.424	1.308		-8.146	
n-Nitroso-di-n-propylamine	1.004	0.873	0.050	-13.048	
Nitrobenzene-d5	0.361	0.380		5.263	
Hexachloroethane	0.534	0.520		-2.622	
Nitrobenzene	0.396	0.399		0.758	
Isophorone	0.685	0.645		-5.839	
2-Nitrophenol	0.149	0.164		10.067	20.0
2,4-Dimethylphenol	0.249	0.232		-6.827	
bis(2-Chloroethoxy)methane	0.415	0.393		-5.301	
2,4-Dichlorophenol	0.283	0.279		-1.413	20.0
1,2,4-Trichlorobenzene	0.314	0.319		1.592	
Benzoic acid	0.217	0.211		-2.765	
Naphthalene	1.031	1.028		-0.291	
4-Chloroaniline	0.352	0.343		-2.557	
Hexachlorobutadiene	0.197	0.204		3.553	20.0
Caprolactam	0.090	0.088		-2.222	
4-Chloro-3-methylphenol	0.314	0.307		-2.229	20.0
2-Methylnaphthalene	0.632	0.618		-2.215	
Hexachlorocyclopentadiene	0.188	0.191	0.050	1.596	
2,4,6-Trichlorophenol	0.382	0.374		-2.094	20.0
2-Fluorobiphenyl	1.210	1.211		0.083	
2,4,5-Trichlorophenol	0.394	0.414		5.076	
1,1-Biphenyl	1.392	1.391		-0.072	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102624 SAS No.: BF102624 SDG No.: BF102624

Instrument ID: BNA_F Calibration Date/Time: 10/26/2024 : 10:38

Lab File ID: BF140050.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	1.121	1.129		0.714	
2-Nitroaniline	0.343	0.375		9.329	
Dimethylphthalate	1.246	1.229		-1.364	
Acenaphthylene	1.621	1.628		0.432	
2,6-Dinitrotoluene	0.270	0.290		7.407	
3-Nitroaniline	0.278	0.298		7.194	
Acenaphthene	1.049	1.058		0.858	20.0
2,4-Dinitrophenol	0.093	0.126	0.050	35.484	
4-Nitrophenol	0.214	0.229	0.050	7.009	
Dibenzofuran	1.505	1.491		-0.93	
2,4-Dinitrotoluene	0.332	0.383		15.361	
Diethylphthalate	1.223	1.181		-3.434	
4-Chlorophenyl-phenylether	0.579	0.581		0.345	
Fluorene	1.146	1.149		0.262	
4-Nitroaniline	0.263	0.289		9.886	
4,6-Dinitro-2-methylphenol	0.082	0.104		26.829	
n-Nitrosodiphenylamine	0.599	0.572		-4.508	20.0
Azobenzene	1.297	1.197		-7.71	
2,4,6-Tribromophenol	0.187	0.204		9.091	
4-Bromophenyl-phenylether	0.206	0.202		-1.942	
Hexachlorobenzene	0.232	0.233		0.431	
Atrazine	0.162	0.156		-3.704	
Pentachlorophenol	0.141	0.152		7.801	20.0
Phenanthrene	0.945	0.913		-3.386	
Anthracene	0.922	0.901		-2.278	
Carbazole	0.857	0.832		-2.917	
Di-n-butylphthalate	0.990	0.946		-4.444	
Fluoranthene	0.955	0.965		1.047	20.0
Benzidine	0.329	0.451		37.082	
Pyrene	1.751	1.811		3.427	
Terphenyl-d14	1.227	1.258		2.526	
Butylbenzylphthalate	0.525	0.551		4.952	
3,3-Dichlorobenzidine	0.380	0.409		7.632	
Benzo(a)anthracene	1.302	1.311		0.691	
Chrysene	1.194	1.157		-3.099	
Bis(2-ethylhexyl)phthalate	0.589	0.606		2.886	
Di-n-octyl phthalate	1.071	0.894		-16.527	20.0
Benzo(b)fluoranthene	1.218	1.154		-5.255	
Benzo(k)fluoranthene	1.051	1.063		1.142	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102624 SAS No.: BF102624 SDG No.: BF102624

Instrument ID: BNA_F Calibration Date/Time: 10/26/2024 : 10:38

Lab File ID: BF140050.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	1.002	1.013		1.098	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.303		1.243	
Dibenzo(a,h)anthracene	1.073	1.070		-0.28	
Benzo(g,h,i)perylene	1.072	1.111		3.638	
1,2,4,5-Tetrachlorobenzene	0.540	0.555		2.778	
1,4-Dioxane	0.596	0.584		-2.013	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.315		1.942	
1-Methylnaphthalene	0.620	0.605		-2.419	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BF102624
Lab Sample ID:	PB164401BL	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
BF140051.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BF102624
Lab Sample ID:	PB164401BL	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
BF140051.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BF102624
Lab Sample ID:	PB164401BL	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
BF140051.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

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	120.265		18-112		80	SPK: -150
13127-88-3	Phenol-d6	116.231		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	90.502		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	88.043		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BF102624
Lab Sample ID:	PB164401BL	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
BF140051.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.344		10-116		90	SPK: -150
1718-51-0	Terphenyl-d14	88.465		10-105		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125232	6.887				
1146-65-2	Naphthalene-d8	486243	8.169				
15067-26-2	Acenaphthene-d10	274404	9.922				
1517-22-2	Phenanthrene-d10	492863	11.41				
1719-03-5	Chrysene-d12	300716	14.051				
1520-96-3	Perylene-d12	248143	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BS	SDG No.:	BF102624
Lab Sample ID:	PB164401BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140052.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1300		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	450		180	270	330	ug/Kg
62-53-3	Aniline	1200		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1300		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	580		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BS	SDG No.:	BF102624
Lab Sample ID:	PB164401BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140052.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	23900		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BS	SDG No.:	BF102624
Lab Sample ID:	PB164401BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140052.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2900	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	1600		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.343		18-112		77	SPK: -150
13127-88-3	Phenol-d6	112.258		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	85.732		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	83.853		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BS	SDG No.:	BF102624
Lab Sample ID:	PB164401BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140052.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.351		10-116		90	SPK: -150
1718-51-0	Terphenyl-d14	87.871		10-105		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133953	6.887				
1146-65-2	Naphthalene-d8	523078	8.169				
15067-26-2	Acenaphthene-d10	286545	9.928				
1517-22-2	Phenanthrene-d10	514956	11.416				
1719-03-5	Chrysene-d12	290190	14.057				
1520-96-3	Perylene-d12	270508	15.527				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22	SDG No.:	BF102624
Lab Sample ID:	P4508-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BF140053.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.3	U	57.3	180	220	ug/Kg
110-86-1	Pyridine	52.7	U	52.7	85.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.9	U	63.9	85.8	110	ug/Kg
108-95-2	Phenol	54.7	U	54.7	85.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.2	U	55.2	85.8	110	ug/Kg
95-57-8	2-Chlorophenol	55.1	U	55.1	85.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.8	U	55.8	85.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.7	U	56.7	85.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.1	U	57.1	85.8	110	ug/Kg
100-51-6	Benzyl Alcohol	54.8	U	54.8	180	220	ug/Kg
95-48-7	2-Methylphenol	53.2	U	53.2	85.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	85.8	110	ug/Kg
98-86-2	Acetophenone	57.3	U	57.3	85.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.7	U	52.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.8	52.8	ug/Kg
67-72-1	Hexachloroethane	54.8	U	54.8	85.8	110	ug/Kg
98-95-3	Nitrobenzene	59.9	U	59.9	85.8	110	ug/Kg
78-59-1	Isophorone	55.8	U	55.8	85.8	110	ug/Kg
88-75-5	2-Nitrophenol	62.4	U	62.4	85.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.5	U	61.5	85.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.6	U	56.6	85.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.8	U	49.8	85.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.4	U	56.4	85.8	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.5	U	54.5	85.8	110	ug/Kg
106-47-8	4-Chloroaniline	54.5	U	54.5	85.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	85.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22	SDG No.:	BF102624
Lab Sample ID:	P4508-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BF140053.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.3	U	57.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.1	U	51.1	85.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.4	U	54.4	85.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.1	U	47.1	85.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.8	U	48.8	85.8	110	ug/Kg
92-52-4	1,1-Biphenyl	57.7	U	57.7	85.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	85.8	110	ug/Kg
88-74-4	2-Nitroaniline	62.7	U	62.7	85.8	110	ug/Kg
131-11-3	Dimethylphthalate	53.9	U	53.9	85.8	110	ug/Kg
208-96-8	Acenaphthylene	57.1	U	57.1	85.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.9	U	54.9	85.8	110	ug/Kg
99-09-2	3-Nitroaniline	58.9	U	58.9	85.8	110	ug/Kg
83-32-9	Acenaphthene	53.5	U	53.5	85.8	110	ug/Kg
Total PAH	Total PAH	874.5	U	874.5	85.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.5	U	76.5	180	220	ug/Kg
132-64-9	Dibenzofuran	55.7	U	55.7	85.8	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.9	U	56.9	85.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.8	U	111.8	85.8	220	ug/Kg
84-66-2	Diethylphthalate	52.9	U	52.9	85.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.5	U	56.5	85.8	110	ug/Kg
86-73-7	Fluorene	56.4	U	56.4	85.8	110	ug/Kg
100-01-6	4-Nitroaniline	70.6	U	70.6	85.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.2	U	77.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.8	U	53.8	85.8	110	ug/Kg
103-33-3	Azobenzene	52.5	U	52.5	85.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.1	U	52.1	85.8	110	ug/Kg
118-74-1	Hexachlorobenzene	56.1	U	56.1	85.8	110	ug/Kg
1912-24-9	Atrazine	60.3	U	60.3	85.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22	SDG No.:	BF102624
Lab Sample ID:	P4508-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BF140053.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51	U	51	180	220	ug/Kg
85-01-8	Phenanthrene	55.4	U	55.4	85.8	110	ug/Kg
120-12-7	Anthracene	55.7	U	55.7	85.8	110	ug/Kg
86-74-8	Carbazole	53	U	53	85.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.6	U	55.6	85.8	110	ug/Kg
206-44-0	Fluoranthene	53.9	U	53.9	85.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.8	U	54.8	85.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.9	U	63.9	85.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.1	U	65.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.3	U	53.3	85.8	110	ug/Kg
218-01-9	Chrysene	52.5	U	52.5	85.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	85.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.6	U	72.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.5	U	53.5	85.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.5	U	54.5	85.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.4	U	61.4	85.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.5	U	51.5	85.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.6	U	53.6	85.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.9	U	52.9	85.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.3	U	57.3	85.8	110	ug/Kg
123-91-1	1,4-Dioxane	72.6	U	72.6	85.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.3	U	49.3	85.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.9	U	54.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.573		18-112		67	SPK: -150
13127-88-3	Phenol-d6	100.16		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	74.832		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	67.367		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22	SDG No.:	BF102624
Lab Sample ID:	P4508-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BF140053.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.364		10-116		80	SPK: -150
1718-51-0	Terphenyl-d14	77.863		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148551	6.887				
1146-65-2	Naphthalene-d8	578359	8.169				
15067-26-2	Acenaphthene-d10	337498	9.922				
1517-22-2	Phenanthrene-d10	595929	11.41				
1719-03-5	Chrysene-d12	289351	14.051				
1520-96-3	Perylene-d12	299372	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown5.628	46.9	J			5.628	
001576-87-0	2-Pentenal, (E)-	140	J			5.993	
057803-73-3	(S)-(+)-5-Methyl-1-heptanol	47.5	J			6.128	
000565-75-3	Pentane, 2,3,4-trimethyl-	47.5	J			6.269	
1000309-21-8	Sulfurous acid, cyclohexylmethyl n	67.1	J			6.287	
000119-61-9	Benzophenone	140	J			10.639	
000057-10-3	n-Hexadecanoic acid	260	J			11.933	
000057-11-4	Octadecanoic acid	82.9	J			12.716	
000646-31-1	Tetracosane	100	J			12.904	
000638-68-6	Triacontane	94.1	J			13.604	
1000406-04-8	Pentadecafluorooctanoic acid, octa	180	J			13.892	
000630-01-3	Hexacosane	100	J			14.163	
001560-98-1	Octacosane, 2-methyl-	100	J			14.645	
000301-02-0	9-Octadecenamide, (Z)-	55.9	J			14.81	
000630-02-4	Octacosane	110	J			15.151	
000112-95-8	Eicosane	70.6	J			15.715	
000630-04-6	Hentriacontane	50.8	J			16.368	
007098-22-8	Tetratetracontane	51.5	J			17.133	
	unknown17.527	53	J			17.527	

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22	SDG No.:	BF102624
Lab Sample ID:	P4508-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.07	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
BF140053.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22MS	SDG No.:	BF102624
Lab Sample ID:	P4508-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.1	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
BF140054.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	930		57.2	180	220	ug/Kg
110-86-1	Pyridine	910		52.7	85.7	110	ug/Kg
100-52-7	Benzaldehyde	290		120	180	220	ug/Kg
62-53-3	Aniline	570		63.9	85.7	110	ug/Kg
108-95-2	Phenol	950		54.7	85.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	940		55.2	85.7	110	ug/Kg
95-57-8	2-Chlorophenol	1000		55.1	85.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	970		55.8	85.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	920		56.7	85.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	940		57	85.7	110	ug/Kg
100-51-6	Benzyl Alcohol	1000		54.7	180	220	ug/Kg
95-48-7	2-Methylphenol	970		53.2	85.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900		59.9	85.7	110	ug/Kg
98-86-2	Acetophenone	920		57.3	85.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	920		52.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	960		26.6	52.8	52.8	ug/Kg
67-72-1	Hexachloroethane	960		54.7	85.7	110	ug/Kg
98-95-3	Nitrobenzene	910		59.9	85.7	110	ug/Kg
78-59-1	Isophorone	970		55.8	85.7	110	ug/Kg
88-75-5	2-Nitrophenol	1200		62.3	85.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		61.5	85.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		56.6	85.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	980		49.8	85.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	910		56.3	85.7	110	ug/Kg
65-85-0	Benzoic acid	890		160	180	220	ug/Kg
91-20-3	Naphthalene	920		54.5	85.7	110	ug/Kg
106-47-8	4-Chloroaniline	170		54.5	85.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	950		54.9	85.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22MS	SDG No.:	BF102624
Lab Sample ID:	P4508-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.1	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
BF140054.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	980		57.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	990		51.1	85.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	970		54.4	85.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		47.1	85.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		48.8	85.7	110	ug/Kg
92-52-4	1,1-Biphenyl	940		57.6	85.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	930		54.9	85.7	110	ug/Kg
88-74-4	2-Nitroaniline	1000		62.7	85.7	110	ug/Kg
131-11-3	Dimethylphthalate	1000		53.9	85.7	110	ug/Kg
208-96-8	Acenaphthylene	1000		57	85.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		54.9	85.7	110	ug/Kg
99-09-2	3-Nitroaniline	460		58.8	85.7	110	ug/Kg
83-32-9	Acenaphthene	1100		53.5	85.7	110	ug/Kg
Total PAH	Total PAH	15460		873.8	85.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2400	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	76.5	180	220	ug/Kg
132-64-9	Dibenzofuran	960		55.7	85.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		111.7	85.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		56.8	85.7	110	ug/Kg
84-66-2	Diethylphthalate	990		52.8	85.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		56.5	85.7	110	ug/Kg
86-73-7	Fluorene	950		56.4	85.7	110	ug/Kg
100-01-6	4-Nitroaniline	1000		70.6	85.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		77.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	960		53.8	85.7	110	ug/Kg
103-33-3	Azobenzene	1000		52.5	85.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		52	85.7	110	ug/Kg
118-74-1	Hexachlorobenzene	980		56.1	85.7	110	ug/Kg
1912-24-9	Atrazine	1200		60.3	85.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22MS	SDG No.:	BF102624
Lab Sample ID:	P4508-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140054.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	51	180	220	ug/Kg
85-01-8	Phenanthrene	970		55.4	85.7	110	ug/Kg
120-12-7	Anthracene	990		55.7	85.7	110	ug/Kg
86-74-8	Carbazole	930		53	85.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		55.6	85.7	110	ug/Kg
206-44-0	Fluoranthene	890		53.9	85.7	110	ug/Kg
92-87-5	Benzidine	1100		110	180	220	ug/Kg
129-00-0	Pyrene	1000		54.7	85.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		63.8	85.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	540		65	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		53.2	85.7	110	ug/Kg
218-01-9	Chrysene	990		52.4	85.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		60	85.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		72.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	890		53.5	85.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		54.5	85.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		61.3	85.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900		51.5	85.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	900		53.5	85.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	760		52.8	85.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		57.2	85.7	110	ug/Kg
123-91-1	1,4-Dioxane	890		72.5	85.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		49.3	85.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	920		54.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.098		18-112		62	SPK: -150
13127-88-3	Phenol-d6	91.841		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	67.701		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	61.929		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22MS	SDG No.:	BF102624
Lab Sample ID:	P4508-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140054.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.89		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	71.602		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149613	6.892				
1146-65-2	Naphthalene-d8	589034	8.175				
15067-26-2	Acenaphthene-d10	335149	9.928				
1517-22-2	Phenanthrene-d10	594611	11.416				
1719-03-5	Chrysene-d12	282495	14.057				
1520-96-3	Perylene-d12	312725	15.533				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22MSD	SDG No.:	BF102624
Lab Sample ID:	P4508-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BF140055.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	880		57.3	180	220	ug/Kg
110-86-1	Pyridine	880		52.8	85.9	110	ug/Kg
100-52-7	Benzaldehyde	280		120	180	220	ug/Kg
62-53-3	Aniline	580		64	85.9	110	ug/Kg
108-95-2	Phenol	950		54.7	85.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	950		55.3	85.9	110	ug/Kg
95-57-8	2-Chlorophenol	990		55.1	85.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	960		55.9	85.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	930		56.8	85.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	940		57.1	85.9	110	ug/Kg
100-51-6	Benzyl Alcohol	1000		54.8	180	220	ug/Kg
95-48-7	2-Methylphenol	980		53.2	85.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		60	85.9	110	ug/Kg
98-86-2	Acetophenone	920		57.4	85.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	930		52.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	960		26.6	52.8	52.8	ug/Kg
67-72-1	Hexachloroethane	950		54.8	85.9	110	ug/Kg
98-95-3	Nitrobenzene	920		60	85.9	110	ug/Kg
78-59-1	Isophorone	980		55.9	85.9	110	ug/Kg
88-75-5	2-Nitrophenol	1200		62.4	85.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		61.5	85.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	960		56.7	85.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	990		49.9	85.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	920		56.4	85.9	110	ug/Kg
65-85-0	Benzoic acid	920		160	180	220	ug/Kg
91-20-3	Naphthalene	930		54.5	85.9	110	ug/Kg
106-47-8	4-Chloroaniline	180		54.5	85.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	940		55	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22MSD	SDG No.:	BF102624
Lab Sample ID:	P4508-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BF140055.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	990		57.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		51.2	85.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	960		54.5	85.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		47.2	85.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		48.9	85.9	110	ug/Kg
92-52-4	1,1-Biphenyl	940		57.7	85.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	930		55	85.9	110	ug/Kg
88-74-4	2-Nitroaniline	1000		62.7	85.9	110	ug/Kg
131-11-3	Dimethylphthalate	990		54	85.9	110	ug/Kg
208-96-8	Acenaphthylene	1000		57.1	85.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		54.9	85.9	110	ug/Kg
99-09-2	3-Nitroaniline	450		58.9	85.9	110	ug/Kg
83-32-9	Acenaphthene	1100		53.6	85.9	110	ug/Kg
Total PAH	Total PAH	15410		875.1	85.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2400	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2000	E	76.6	180	220	ug/Kg
132-64-9	Dibenzofuran	940		55.7	85.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		111.8	85.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		56.9	85.9	110	ug/Kg
84-66-2	Diethylphthalate	970		52.9	85.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950		56.5	85.9	110	ug/Kg
86-73-7	Fluorene	940		56.5	85.9	110	ug/Kg
100-01-6	4-Nitroaniline	1000		70.7	85.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		77.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	970		53.9	85.9	110	ug/Kg
103-33-3	Azobenzene	990		52.6	85.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		52.1	85.9	110	ug/Kg
118-74-1	Hexachlorobenzene	990		56.1	85.9	110	ug/Kg
1912-24-9	Atrazine	1200		60.4	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22MSD	SDG No.:	BF102624
Lab Sample ID:	P4508-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BF140055.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	51	180	220	ug/Kg
85-01-8	Phenanthrene	960		55.5	85.9	110	ug/Kg
120-12-7	Anthracene	1000		55.7	85.9	110	ug/Kg
86-74-8	Carbazole	910		53	85.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		55.7	85.9	110	ug/Kg
206-44-0	Fluoranthene	880		54	85.9	110	ug/Kg
92-87-5	Benzidine	1100		110	180	220	ug/Kg
129-00-0	Pyrene	980		54.8	85.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		63.9	85.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	550		65.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		53.3	85.9	110	ug/Kg
218-01-9	Chrysene	990		52.5	85.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		60.1	85.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		72.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	920		53.6	85.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		54.5	85.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		61.4	85.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920		51.6	85.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	920		53.6	85.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		52.9	85.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		57.3	85.9	110	ug/Kg
123-91-1	1,4-Dioxane	850		72.6	85.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		49.3	85.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	910		54.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.449		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.749		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	67.197		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	62.024		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22MSD	SDG No.:	BF102624
Lab Sample ID:	P4508-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
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
BF140055.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.673		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	70.434		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158941	6.893				
1146-65-2	Naphthalene-d8	630402	8.175				
15067-26-2	Acenaphthene-d10	353936	9.928				
1517-22-2	Phenanthrene-d10	608132	11.416				
1719-03-5	Chrysene-d12	290348	14.051				
1520-96-3	Perylene-d12	321487	15.527				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20	SDG No.:	BF102624
Lab Sample ID:	P4547-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
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
BF140056.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60	U	60	190	230	ug/Kg
110-86-1	Pyridine	55.3	U	55.3	89.9	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67	U	67	89.9	120	ug/Kg
108-95-2	Phenol	57.3	U	57.3	89.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.9	U	57.9	89.9	120	ug/Kg
95-57-8	2-Chlorophenol	57.8	U	57.8	89.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.5	U	58.5	89.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.5	U	59.5	89.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.8	U	59.8	89.9	120	ug/Kg
100-51-6	Benzyl Alcohol	57.4	U	57.4	190	230	ug/Kg
95-48-7	2-Methylphenol	55.8	U	55.8	89.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.9	U	62.9	89.9	120	ug/Kg
98-86-2	Acetophenone	60.1	U	60.1	89.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.2	U	55.2	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.9	U	27.9	55.3	55.3	ug/Kg
67-72-1	Hexachloroethane	57.4	U	57.4	89.9	120	ug/Kg
98-95-3	Nitrobenzene	62.8	U	62.8	89.9	120	ug/Kg
78-59-1	Isophorone	58.5	U	58.5	89.9	120	ug/Kg
88-75-5	2-Nitrophenol	65.4	U	65.4	89.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.5	U	64.5	89.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.4	U	59.4	89.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.2	U	52.2	89.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.1	U	59.1	89.9	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.1	U	57.1	89.9	120	ug/Kg
106-47-8	4-Chloroaniline	57.1	U	57.1	89.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.6	U	57.6	89.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20	SDG No.:	BF102624
Lab Sample ID:	P4547-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
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
BF140056.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60	U	60	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.6	U	53.6	89.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.1	U	57.1	89.9	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.4	U	49.4	89.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.2	U	51.2	89.9	120	ug/Kg
92-52-4	1,1-Biphenyl	60.5	U	60.5	89.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.6	U	57.6	89.9	120	ug/Kg
88-74-4	2-Nitroaniline	65.7	U	65.7	89.9	120	ug/Kg
131-11-3	Dimethylphthalate	56.5	U	56.5	89.9	120	ug/Kg
208-96-8	Acenaphthylene	59.8	U	59.8	89.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.6	U	57.6	89.9	120	ug/Kg
99-09-2	3-Nitroaniline	61.7	U	61.7	89.9	120	ug/Kg
83-32-9	Acenaphthene	56.1	U	56.1	89.9	120	ug/Kg
Total PAH	Total PAH	916.4	U	916.4	89.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.2	U	80.2	190	230	ug/Kg
132-64-9	Dibenzofuran	58.4	U	58.4	89.9	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.6	U	59.6	89.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	117.2	U	117.2	89.9	240	ug/Kg
84-66-2	Diethylphthalate	55.4	U	55.4	89.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.2	U	59.2	89.9	120	ug/Kg
86-73-7	Fluorene	59.1	U	59.1	89.9	120	ug/Kg
100-01-6	4-Nitroaniline	74	U	74	89.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.9	U	80.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.4	U	56.4	89.9	120	ug/Kg
103-33-3	Azobenzene	55.1	U	55.1	89.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.6	U	54.6	89.9	120	ug/Kg
118-74-1	Hexachlorobenzene	58.8	U	58.8	89.9	120	ug/Kg
1912-24-9	Atrazine	63.2	U	63.2	89.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20	SDG No.:	BF102624
Lab Sample ID:	P4547-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
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
BF140056.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.5	U	53.5	190	230	ug/Kg
85-01-8	Phenanthrene	58.1	U	58.1	89.9	120	ug/Kg
120-12-7	Anthracene	58.4	U	58.4	89.9	120	ug/Kg
86-74-8	Carbazole	55.5	U	55.5	89.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.3	U	58.3	89.9	120	ug/Kg
206-44-0	Fluoranthene	56.5	U	56.5	89.9	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.4	U	57.4	89.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	67	U	67	89.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.2	U	68.2	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.8	U	55.8	89.9	120	ug/Kg
218-01-9	Chrysene	55	U	55	89.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.9	U	62.9	89.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.1	U	76.1	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.1	U	56.1	89.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.1	U	57.1	89.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.3	U	64.3	89.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	89.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.2	U	56.2	89.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.4	U	55.4	89.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	89.9	120	ug/Kg
123-91-1	1,4-Dioxane	76.1	U	76.1	89.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.7	U	51.7	89.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.6	U	57.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.189		18-112		60	SPK: -150
13127-88-3	Phenol-d6	88.763		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	64.818		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	59.997		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20	SDG No.:	BF102624
Lab Sample ID:	P4547-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
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
BF140056.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.805		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	70.705		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147112	6.886				
1146-65-2	Naphthalene-d8	584008	8.169				
15067-26-2	Acenaphthene-d10	342667	9.922				
1517-22-2	Phenanthrene-d10	606568	11.41				
1719-03-5	Chrysene-d12	287964	14.045				
1520-96-3	Perylene-d12	309365	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.222	
000119-61-9	Benzophenone	170	J			10.639	
000057-10-3	n-Hexadecanoic acid	170	J			11.933	
015594-90-8	1-Heneicosanol	130	J			13.892	

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20MS	SDG No.:	BF102624
Lab Sample ID:	P4547-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
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
BF140057.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	940		60.1	190	230	ug/Kg
110-86-1	Pyridine	930		55.3	89.9	120	ug/Kg
100-52-7	Benzaldehyde	280		130	190	230	ug/Kg
62-53-3	Aniline	570		67	89.9	120	ug/Kg
108-95-2	Phenol	970		57.4	89.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	940		57.9	89.9	120	ug/Kg
95-57-8	2-Chlorophenol	1000		57.8	89.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	980		58.5	89.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	930		59.5	89.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	940		59.8	89.9	120	ug/Kg
100-51-6	Benzyl Alcohol	1000		57.4	190	230	ug/Kg
95-48-7	2-Methylphenol	970		55.8	89.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		62.9	89.9	120	ug/Kg
98-86-2	Acetophenone	920		60.1	89.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	940		55.2	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950		27.9	55.3	55.3	ug/Kg
67-72-1	Hexachloroethane	960		57.4	89.9	120	ug/Kg
98-95-3	Nitrobenzene	930		62.8	89.9	120	ug/Kg
78-59-1	Isophorone	980		58.5	89.9	120	ug/Kg
88-75-5	2-Nitrophenol	1200		65.4	89.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		64.5	89.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		59.4	89.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	990		52.2	89.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	930		59.1	89.9	120	ug/Kg
65-85-0	Benzoic acid	890		160	190	230	ug/Kg
91-20-3	Naphthalene	940		57.1	89.9	120	ug/Kg
106-47-8	4-Chloroaniline	170		57.1	89.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	960		57.6	89.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20MS	SDG No.:	BF102624
Lab Sample ID:	P4547-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
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
BF140057.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	990		60.1	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	990		53.6	89.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	980		57.1	89.9	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		49.4	89.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		51.2	89.9	120	ug/Kg
92-52-4	1,1-Biphenyl	940		60.5	89.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	940		57.6	89.9	120	ug/Kg
88-74-4	2-Nitroaniline	1100		65.7	89.9	120	ug/Kg
131-11-3	Dimethylphthalate	990		56.5	89.9	120	ug/Kg
208-96-8	Acenaphthylene	1000		59.8	89.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		57.6	89.9	120	ug/Kg
99-09-2	3-Nitroaniline	440		61.7	89.9	120	ug/Kg
83-32-9	Acenaphthene	1100		56.1	89.9	120	ug/Kg
Total PAH	Total PAH	15250		916.5	89.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	1900	E	80.3	190	230	ug/Kg
132-64-9	Dibenzofuran	950		58.4	89.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		117.2	89.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		59.6	89.9	120	ug/Kg
84-66-2	Diethylphthalate	980		55.4	89.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	970		59.2	89.9	120	ug/Kg
86-73-7	Fluorene	940		59.2	89.9	120	ug/Kg
100-01-6	4-Nitroaniline	970		74	89.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		80.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	980		56.5	89.9	120	ug/Kg
103-33-3	Azobenzene	1000		55.1	89.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		54.6	89.9	120	ug/Kg
118-74-1	Hexachlorobenzene	980		58.8	89.9	120	ug/Kg
1912-24-9	Atrazine	1200		63.2	89.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20MS	SDG No.:	BF102624
Lab Sample ID:	P4547-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
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
BF140057.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	53.5	190	230	ug/Kg
85-01-8	Phenanthrene	960		58.1	89.9	120	ug/Kg
120-12-7	Anthracene	1000		58.4	89.9	120	ug/Kg
86-74-8	Carbazole	910		55.6	89.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		58.3	89.9	120	ug/Kg
206-44-0	Fluoranthene	870		56.5	89.9	120	ug/Kg
92-87-5	Benzidine	1200		110	190	230	ug/Kg
129-00-0	Pyrene	970		57.4	89.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	1300		67	89.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	520		68.2	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	990		55.8	89.9	120	ug/Kg
218-01-9	Chrysene	950		55	89.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		63	89.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		76.1	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	920		56.1	89.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		57.1	89.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.3	89.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	880		54	89.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		56.2	89.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	740		55.4	89.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	960		60.1	89.9	120	ug/Kg
123-91-1	1,4-Dioxane	890		76.1	89.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		51.7	89.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	930		57.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.772		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.171		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	66.371		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	61.482		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20MS	SDG No.:	BF102624
Lab Sample ID:	P4547-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
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
BF140057.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.179		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	68.674		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141513	6.887				
1146-65-2	Naphthalene-d8	556548	8.169				
15067-26-2	Acenaphthene-d10	317233	9.928				
1517-22-2	Phenanthrene-d10	543034	11.416				
1719-03-5	Chrysene-d12	260710	14.051				
1520-96-3	Perylene-d12	285198	15.527				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20MSD	SDG No.:	BF102624
Lab Sample ID:	P4547-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140058.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	900		60.1	190	230	ug/Kg
110-86-1	Pyridine	880		55.3	90	120	ug/Kg
100-52-7	Benzaldehyde	280		130	190	230	ug/Kg
62-53-3	Aniline	580		67.1	90	120	ug/Kg
108-95-2	Phenol	990		57.4	90	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	970		58	90	120	ug/Kg
95-57-8	2-Chlorophenol	1000		57.8	90	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	980		58.6	90	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	950		59.5	90	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	970		59.9	90	120	ug/Kg
100-51-6	Benzyl Alcohol	1000		57.5	190	230	ug/Kg
95-48-7	2-Methylphenol	990		55.8	90	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	920		62.9	90	120	ug/Kg
98-86-2	Acetophenone	930		60.2	90	120	ug/Kg
65794-96-9	3+4-Methylphenols	960		55.3	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	960		27.9	55.4	55.4	ug/Kg
67-72-1	Hexachloroethane	970		57.5	90	120	ug/Kg
98-95-3	Nitrobenzene	940		62.9	90	120	ug/Kg
78-59-1	Isophorone	990		58.6	90	120	ug/Kg
88-75-5	2-Nitrophenol	1200		65.4	90	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		64.5	90	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	970		59.4	90	120	ug/Kg
120-83-2	2,4-Dichlorophenol	990		52.3	90	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	930		59.1	90	120	ug/Kg
65-85-0	Benzoic acid	900		160	190	230	ug/Kg
91-20-3	Naphthalene	950		57.2	90	120	ug/Kg
106-47-8	4-Chloroaniline	170		57.2	90	120	ug/Kg
87-68-3	Hexachlorobutadiene	990		57.7	90	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20MSD	SDG No.:	BF102624
Lab Sample ID:	P4547-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140058.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		60.1	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		53.7	90	120	ug/Kg
91-57-6	2-Methylnaphthalene	980		57.1	90	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		49.4	90	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		51.2	90	120	ug/Kg
92-52-4	1,1-Biphenyl	950		60.5	90	120	ug/Kg
91-58-7	2-Chloronaphthalene	940		57.7	90	120	ug/Kg
88-74-4	2-Nitroaniline	1100		65.8	90	120	ug/Kg
131-11-3	Dimethylphthalate	1000		56.6	90	120	ug/Kg
208-96-8	Acenaphthylene	1000		59.9	90	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		57.6	90	120	ug/Kg
99-09-2	3-Nitroaniline	450		61.8	90	120	ug/Kg
83-32-9	Acenaphthene	1100		56.2	90	120	ug/Kg
Total PAH	Total PAH	15350		917.7	90	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2400	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2000	E	80.3	190	230	ug/Kg
132-64-9	Dibenzofuran	980		58.4	90	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		117.3	90	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		59.7	90	120	ug/Kg
84-66-2	Diethylphthalate	990		55.5	90	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		59.3	90	120	ug/Kg
86-73-7	Fluorene	950		59.2	90	120	ug/Kg
100-01-6	4-Nitroaniline	1000		74.1	90	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		81	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	990		56.5	90	120	ug/Kg
103-33-3	Azobenzene	1000		55.1	90	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		54.6	90	120	ug/Kg
118-74-1	Hexachlorobenzene	990		58.9	90	120	ug/Kg
1912-24-9	Atrazine	1200		63.3	90	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20MSD	SDG No.:	BF102624
Lab Sample ID:	P4547-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140058.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	53.5	190	230	ug/Kg
85-01-8	Phenanthrene	970		58.2	90	120	ug/Kg
120-12-7	Anthracene	1000		58.4	90	120	ug/Kg
86-74-8	Carbazole	910		55.6	90	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		58.4	90	120	ug/Kg
206-44-0	Fluoranthene	890		56.6	90	120	ug/Kg
92-87-5	Benzidine	1300		110	190	230	ug/Kg
129-00-0	Pyrene	980		57.5	90	120	ug/Kg
85-68-7	Butylbenzylphthalate	1300		67	90	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	530		68.3	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1000		55.9	90	120	ug/Kg
218-01-9	Chrysene	970		55	90	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		63	90	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		76.2	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	920		56.2	90	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		57.2	90	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.4	90	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		54.1	90	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		56.2	90	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	740		55.5	90	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	960		60.1	90	120	ug/Kg
123-91-1	1,4-Dioxane	860		76.2	90	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		51.7	90	120	ug/Kg
90-12-0	1-Methylnaphthalene	940		57.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.846		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.935		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	66.493		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	61.554		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-20MSD	SDG No.:	BF102624
Lab Sample ID:	P4547-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140058.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.961		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	70.432		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142054	6.887				
1146-65-2	Naphthalene-d8	561979	8.169				
15067-26-2	Acenaphthene-d10	322249	9.928				
1517-22-2	Phenanthrene-d10	559748	11.416				
1719-03-5	Chrysene-d12	268566	14.051				
1520-96-3	Perylene-d12	301700	15.527				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F23	SDG No.:	BF102624
Lab Sample ID:	P4508-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF140059.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

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	85.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.5	U	63.5	85.2	110	ug/Kg
108-95-2	Phenol	54.3	U	54.3	85.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.8	U	54.8	85.2	110	ug/Kg
95-57-8	2-Chlorophenol	54.7	U	54.7	85.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.4	U	55.4	85.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.3	U	56.3	85.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.7	U	56.7	85.2	110	ug/Kg
100-51-6	Benzyl Alcohol	54.4	U	54.4	180	220	ug/Kg
95-48-7	2-Methylphenol	52.8	U	52.8	85.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.6	U	59.6	85.2	110	ug/Kg
98-86-2	Acetophenone	56.9	U	56.9	85.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.3	U	52.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.4	U	26.4	52.4	52.4	ug/Kg
67-72-1	Hexachloroethane	54.4	U	54.4	85.2	110	ug/Kg
98-95-3	Nitrobenzene	59.5	U	59.5	85.2	110	ug/Kg
78-59-1	Isophorone	55.4	U	55.4	85.2	110	ug/Kg
88-75-5	2-Nitrophenol	61.9	U	61.9	85.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.1	U	61.1	85.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.2	U	56.2	85.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.5	U	49.5	85.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56	U	56	85.2	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.1	U	54.1	85.2	110	ug/Kg
106-47-8	4-Chloroaniline	54.1	U	54.1	85.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.6	U	54.6	85.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F23	SDG No.:	BF102624
Lab Sample ID:	P4508-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF140059.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

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	85.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.1	U	54.1	85.2	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	85.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.5	U	48.5	85.2	110	ug/Kg
92-52-4	1,1-Biphenyl	57.3	U	57.3	85.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.6	U	54.6	85.2	110	ug/Kg
88-74-4	2-Nitroaniline	62.2	U	62.2	85.2	110	ug/Kg
131-11-3	Dimethylphthalate	53.5	U	53.5	85.2	110	ug/Kg
208-96-8	Acenaphthylene	56.7	U	56.7	85.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.5	U	54.5	85.2	110	ug/Kg
99-09-2	3-Nitroaniline	58.4	U	58.4	85.2	110	ug/Kg
83-32-9	Acenaphthene	53.1	U	53.1	85.2	110	ug/Kg
Total PAH	Total PAH	868.1	U	868.1	85.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	180	220	ug/Kg
132-64-9	Dibenzofuran	55.3	U	55.3	85.2	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.5	U	56.5	85.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111	U	111	85.2	220	ug/Kg
84-66-2	Diethylphthalate	52.5	U	52.5	85.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.1	U	56.1	85.2	110	ug/Kg
86-73-7	Fluorene	56	U	56	85.2	110	ug/Kg
100-01-6	4-Nitroaniline	70.1	U	70.1	85.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.7	U	76.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.5	U	53.5	85.2	110	ug/Kg
103-33-3	Azobenzene	52.2	U	52.2	85.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.7	U	51.7	85.2	110	ug/Kg
118-74-1	Hexachlorobenzene	55.7	U	55.7	85.2	110	ug/Kg
1912-24-9	Atrazine	59.9	U	59.9	85.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F23	SDG No.:	BF102624
Lab Sample ID:	P4508-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF140059.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.6	U	50.6	180	220	ug/Kg
85-01-8	Phenanthrene	55	U	55	85.2	110	ug/Kg
120-12-7	Anthracene	55.3	U	55.3	85.2	110	ug/Kg
86-74-8	Carbazole	52.6	U	52.6	85.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.2	U	55.2	85.2	110	ug/Kg
206-44-0	Fluoranthene	53.5	U	53.5	85.2	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.4	U	54.4	85.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.4	U	63.4	85.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.6	U	64.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	52.9	U	52.9	85.2	110	ug/Kg
218-01-9	Chrysene	52.1	U	52.1	85.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.6	U	59.6	85.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.1	U	72.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.1	U	53.1	85.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.1	U	54.1	85.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	60.9	U	60.9	85.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.2	U	51.2	85.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.2	U	53.2	85.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.5	U	52.5	85.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.9	U	56.9	85.2	110	ug/Kg
123-91-1	1,4-Dioxane	72.1	U	72.1	85.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.9	U	48.9	85.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.5	U	54.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.544		18-112		50	SPK: -150
13127-88-3	Phenol-d6	76.025		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	55.474		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	55.017		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F23	SDG No.:	BF102624
Lab Sample ID:	P4508-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF140059.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.725		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	63.801		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146264	6.887				
1146-65-2	Naphthalene-d8	587173	8.169				
15067-26-2	Acenaphthene-d10	338468	9.922				
1517-22-2	Phenanthrene-d10	585149	11.41				
1719-03-5	Chrysene-d12	260651	14.045				
1520-96-3	Perylene-d12	282248	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000534-26-9	1H-Imidazole, 4,5-dihydro-2-methyl	75.6	J			5.993	
000119-61-9	Benzophenone	100	J			10.634	
000057-10-3	n-Hexadecanoic acid	81.7	J			11.934	
000557-61-9	Octacosanol	100	J			13.892	

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	FOREST-ST-CO	SDG No.:	BF102624
Lab Sample ID:	P4517-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140060.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	FOREST-ST-CO	SDG No.:	BF102624
Lab Sample ID:	P4517-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140060.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	FOREST-ST-CO	SDG No.:	BF102624
Lab Sample ID:	P4517-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140060.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	41.16		18-112		27	SPK: -150
13127-88-3	Phenol-d6	51.542		15-107		34	SPK: -150
4165-60-0	Nitrobenzene-d5	45.748		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	47.135		20-109		47	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	FOREST-ST-CO	SDG No.:	BF102624
Lab Sample ID:	P4517-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140060.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	30.852		10-116		21	SPK: -150
1718-51-0	Terphenyl-d14	53.341		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137371	6.887				
1146-65-2	Naphthalene-d8	545971	8.169				
15067-26-2	Acenaphthene-d10	313958	9.922				
1517-22-2	Phenanthrene-d10	546322	11.41				
1719-03-5	Chrysene-d12	255275	14.045				
1520-96-3	Perylene-d12	279095	15.527				

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B27	SDG No.:	BF102624
Lab Sample ID:	P4487-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140061.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B27	SDG No.:	BF102624
Lab Sample ID:	P4487-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140061.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B27	SDG No.:	BF102624
Lab Sample ID:	P4487-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140061.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	113.204		10-139		75	SPK: -150
13127-88-3	Phenol-d6	102.771		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	91.199		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	84.534		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	BP-B27	SDG No.:	BF102624
Lab Sample ID:	P4487-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140061.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.609		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	101.474		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144888	6.887				
1146-65-2	Naphthalene-d8	567280	8.169				
15067-26-2	Acenaphthene-d10	330727	9.922				
1517-22-2	Phenanthrene-d10	578955	11.41				
1719-03-5	Chrysene-d12	272277	14.045				
1520-96-3	Perylene-d12	288234	15.527				

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-BOT	SDG No.:	BF102624
Lab Sample ID:	P4460-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140062.D	1	10/22/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164315

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

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-BOT	SDG No.:	BF102624
Lab Sample ID:	P4460-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140062.D	1	10/22/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164315

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

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-BOT	SDG No.:	BF102624
Lab Sample ID:	P4460-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140062.D	1	10/22/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.349		10-139		91	SPK: -150
13127-88-3	Phenol-d6	124.123		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	114.23		49-133		114	SPK: -100
321-60-8	2-Fluorobiphenyl	105.628		52-132		106	SPK: -100

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-BOT	SDG No.:	BF102624
Lab Sample ID:	P4460-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF140062.D	1	10/22/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	178.25		44-137		119	SPK: -150
1718-51-0	Terphenyl-d14	126.446	*	48-125		126	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131530	6.887				
1146-65-2	Naphthalene-d8	508830	8.169				
15067-26-2	Acenaphthene-d10	288932	9.922				
1517-22-2	Phenanthrene-d10	511533	11.41				
1719-03-5	Chrysene-d12	241710	14.045				
1520-96-3	Perylene-d12	244924	15.527				

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-BOT	SDG No.:	BF102624
Lab Sample ID:	P4460-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.9
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
BF140063.D	1	10/21/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.7	U	99.7	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.6	U	99.6	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.3	U	50.3	99.8	99.8	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94.2	U	94.2	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	410	ug/Kg
91-20-3	Naphthalene	210		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-BOT	SDG No.:	BF102624
Lab Sample ID:	P4460-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.9
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
BF140063.D	1	10/21/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.7	U	96.7	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.1	U	89.1	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.3	U	92.3	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1646.5	U	1646.5	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	99.9	U	99.9	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	99.3	U	99.3	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98.4	U	98.4	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-BOT	SDG No.:	BF102624
Lab Sample ID:	P4460-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.9
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
BF140063.D	1	10/21/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.4	U	96.4	340	410	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	99.2	U	99.2	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97.4	U	97.4	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99.9	U	99.9	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93.2	U	93.2	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.194		18-112		85	SPK: -150
13127-88-3	Phenol-d6	126.259		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	101.271		18-107		101	SPK: -100
321-60-8	2-Fluorobiphenyl	93.641		20-109		94	SPK: -100

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-BOT	SDG No.:	BF102624
Lab Sample ID:	P4460-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.9
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
BF140063.D	1	10/21/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.219		10-116		95	SPK: -150
1718-51-0	Terphenyl-d14	100.53		10-105		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129197	6.887				
1146-65-2	Naphthalene-d8	476862	8.169				
15067-26-2	Acenaphthene-d10	260201	9.928				
1517-22-2	Phenanthrene-d10	444743	11.41				
1719-03-5	Chrysene-d12	217594	14.051				
1520-96-3	Perylene-d12	237376	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3800	J			2.216	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	310	A			5.128	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	360	J			7.91	
017301-23-4	Undecane, 2,6-dimethyl-	370	J			8.469	
031295-56-4	Dodecane, 2,6,11-trimethyl-	490	J			8.592	
000629-92-5	Nonadecane	1000	J			8.763	
000593-49-7	Heptacosane	710	J			9.128	
017312-55-9	Decane, 3,8-dimethyl-	590	J			9.169	
017302-28-2	Nonane, 2,6-dimethyl-	920	J			9.192	
000544-76-3	Hexadecane	3900	J			9.328	
017312-74-2	Decane, 5-ethyl-5-methyl-	680	J			9.581	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	1900	J			9.645	
018435-22-8	Tetradecane, 3-methyl-	330	J			9.704	
000629-78-7	Heptadecane	2700	J			9.857	
001120-21-4	Undecane	440	J			10.086	
007098-22-8	Tetratetracontane	470	J			10.175	
000629-50-5	Tridecane	1200	J			10.357	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	350	J			10.569	
026730-20-1	Hexadecane, 7-methyl-	500	J			10.828	

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-BOT	SDG No.:	BF102624
Lab Sample ID:	P4460-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.9
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
BF140063.D	1	10/21/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001599-67-3	1-Docosene	530	J			13.892	

Report of Analysis

Client:		Date Collected:	10/20/2024 12:00:00 AM
Project:		Date Received:	10/20/2024 12:00:00 AM
Client Sample ID:	B-180-SB02	SDG No.:	BF102624
Lab Sample ID:	P4471-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	50.8
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
BF140064.D	1	10/22/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	180	U	180	550	670	ug/Kg
110-86-1	Pyridine	160	U	160	260	350	ug/Kg
100-52-7	Benzaldehyde	370	U	370	550	670	ug/Kg
62-53-3	Aniline	200	U	200	260	350	ug/Kg
108-95-2	Phenol	170	U	170	260	350	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	170	260	350	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	260	350	ug/Kg
95-50-1	1,2-Dichlorobenzene	170	U	170	260	350	ug/Kg
541-73-1	1,3-Dichlorobenzene	170	U	170	260	350	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	180	260	350	ug/Kg
100-51-6	Benzyl Alcohol	170	U	170	550	670	ug/Kg
95-48-7	2-Methylphenol	160	U	160	260	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	260	350	ug/Kg
98-86-2	Acetophenone	180	U	180	260	350	ug/Kg
65794-96-9	3+4-Methylphenols	160	U	160	550	670	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	81.9	U	81.9	160	160	ug/Kg
67-72-1	Hexachloroethane	170	U	170	260	350	ug/Kg
98-95-3	Nitrobenzene	180	U	180	260	350	ug/Kg
78-59-1	Isophorone	170	U	170	260	350	ug/Kg
88-75-5	2-Nitrophenol	190	U	190	260	350	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	190	260	350	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	260	350	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	260	350	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	170	U	170	260	350	ug/Kg
65-85-0	Benzoic acid	480	U	480	550	670	ug/Kg
91-20-3	Naphthalene	170	U	170	260	350	ug/Kg
106-47-8	4-Chloroaniline	170	U	170	260	350	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	260	350	ug/Kg

Report of Analysis

Client:		Date Collected:	10/20/2024 12:00:00 AM
Project:		Date Received:	10/20/2024 12:00:00 AM
Client Sample ID:	B-180-SB02	SDG No.:	BF102624
Lab Sample ID:	P4471-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	50.8
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
BF140064.D	1	10/22/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	180	U	180	550	670	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	260	350	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	260	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	320	U	320	550	670	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	260	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	260	350	ug/Kg
92-52-4	1,1-Biphenyl	180	U	180	260	350	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	170	260	350	ug/Kg
88-74-4	2-Nitroaniline	190	U	190	260	350	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	260	350	ug/Kg
208-96-8	Acenaphthylene	180	U	180	260	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	170	260	350	ug/Kg
99-09-2	3-Nitroaniline	180	U	180	260	350	ug/Kg
83-32-9	Acenaphthene	160	U	160	260	350	ug/Kg
Total PAH	Total PAH	2680	U	2680	260	5600	ug/Kg
51-28-5	2,4-Dinitrophenol	490	U	490	550	670	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	550	670	ug/Kg
132-64-9	Dibenzofuran	170	U	170	260	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	260	350	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	350	U	350	260	700	ug/Kg
84-66-2	Diethylphthalate	160	U	160	260	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	170	260	350	ug/Kg
86-73-7	Fluorene	170	U	170	260	350	ug/Kg
100-01-6	4-Nitroaniline	220	U	220	260	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	550	670	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	260	350	ug/Kg
103-33-3	Azobenzene	160	U	160	260	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	260	350	ug/Kg
118-74-1	Hexachlorobenzene	170	U	170	260	350	ug/Kg
1912-24-9	Atrazine	190	U	190	260	350	ug/Kg

Report of Analysis

Client:		Date Collected:	10/20/2024 12:00:00 AM
Project:		Date Received:	10/20/2024 12:00:00 AM
Client Sample ID:	B-180-SB02	SDG No.:	BF102624
Lab Sample ID:	P4471-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	50.8
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
BF140064.D	1	10/22/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	160	U	160	550	670	ug/Kg
85-01-8	Phenanthrene	170	U	170	260	350	ug/Kg
120-12-7	Anthracene	170	U	170	260	350	ug/Kg
86-74-8	Carbazole	160	U	160	260	350	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	260	350	ug/Kg
206-44-0	Fluoranthene	170	U	170	260	350	ug/Kg
92-87-5	Benzidine	330	U	330	550	670	ug/Kg
129-00-0	Pyrene	170	U	170	260	350	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	260	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	550	670	ug/Kg
56-55-3	Benzo(a)anthracene	160	U	160	260	350	ug/Kg
218-01-9	Chrysene	160	U	160	260	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	260	350	ug/Kg
117-84-0	Di-n-octyl phthalate	220	U	220	550	670	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	260	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	260	350	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	260	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	260	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	260	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	260	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	260	350	ug/Kg
123-91-1	1,4-Dioxane	220	U	220	260	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	260	350	ug/Kg
90-12-0	1-Methylnaphthalene	170	U	170	350	350	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.992		18-112		56	SPK: -150
13127-88-3	Phenol-d6	81.77		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	67.215		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	52.095		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	10/20/2024 12:00:00 AM
Project:		Date Received:	10/20/2024 12:00:00 AM
Client Sample ID:	B-180-SB02	SDG No.:	BF102624
Lab Sample ID:	P4471-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	50.8
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
BF140064.D	1	10/22/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.05		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	40.999		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140732	6.887				
1146-65-2	Naphthalene-d8	538776	8.169				
15067-26-2	Acenaphthene-d10	296372	9.922				
1517-22-2	Phenanthrene-d10	470615	11.41				
1719-03-5	Chrysene-d12	239328	14.045				
1520-96-3	Perylene-d12	267329	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3400	J			2.216	
000080-56-8	.alpha.-Pinene	6600	J			6.175	
000079-92-5	Camphene	400	J			6.34	
000099-87-6	p-Cymene	1000	J			6.963	
001632-73-1	Fenchol	510	J			7.698	
000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	1200	J			7.916	
000507-70-0	endo-Borneol	470	J			8.075	
000562-74-3	Terpinen-4-ol	550	J			8.11	
000057-10-3	n-Hexadecanoic acid	710	J			11.933	
	unknown13.533	370	J			13.533	
053057-53-7	1,21-Docosadiene	420	J			13.686	
001740-19-8	Dehydroabietic acid	400	J			13.845	
959085-66-6	Heptadecyl heptafluorobutyrate	910	J			13.892	
000112-85-6	Docosanoic acid	420	J			14.11	
079392-43-1	Octadecyl trifluoroacetate	1100	J			14.527	
000630-01-3	Hexacosane	400	J			15.168	
000083-47-6	.gamma.-Sitosterol	480	J			17.639	
000511-05-7	9(1H)-Phenanthrenone, 2,3,4,4a,10,	830	J			17.715	
1010140-07-7	1,4-Dimethyl-8-isopropylidenetricy	700	J			17.98	

Report of Analysis

Client:		Date Collected:	10/20/2024 12:00:00 AM
Project:		Date Received:	10/20/2024 12:00:00 AM
Client Sample ID:	B-180-SB02	SDG No.:	BF102624
Lab Sample ID:	P4471-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	50.8
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
BF140064.D	1	10/22/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000192-65-0	1,2-15,16-Diepoxyhexadecane	3100	J			18.245	

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22	SDG No.:	BF102624
Lab Sample ID:	P4508-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140065.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22	SDG No.:	BF102624
Lab Sample ID:	P4508-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140065.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22	SDG No.:	BF102624
Lab Sample ID:	P4508-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140065.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	96.176		10-139		64	SPK: -150
13127-88-3	Phenol-d6	88.033		10-134		59	SPK: -150
4165-60-0	Nitrobenzene-d5	76.42		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	73.744		52-132		74	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F22	SDG No.:	BF102624
Lab Sample ID:	P4508-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140065.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.385		44-137		78	SPK: -150
1718-51-0	Terphenyl-d14	82.962		48-125		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141607	6.886				
1146-65-2	Naphthalene-d8	572375	8.169				
15067-26-2	Acenaphthene-d10	328755	9.922				
1517-22-2	Phenanthrene-d10	553396	11.41				
1719-03-5	Chrysene-d12	268990	14.045				
1520-96-3	Perylene-d12	282837	15.527				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF102624
Lab Sample ID:	P4508-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140066.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF102624
Lab Sample ID:	P4508-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140066.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM		
Project:				Date Received:	10/23/2024 12:00:00 AM		
Client Sample ID:	TP-3			SDG No.:	BF102624		
Lab Sample ID:	P4508-04			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	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
BF140066.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	92.921		10-139		62	SPK: -150
13127-88-3	Phenol-d6	84.423		10-134		56	SPK: -150
4165-60-0	Nitrobenzene-d5	78.222		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	74.738		52-132		75	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF102624
Lab Sample ID:	P4508-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140066.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.909		44-137		80	SPK: -150
1718-51-0	Terphenyl-d14	75.932		48-125		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144092	6.887				
1146-65-2	Naphthalene-d8	564473	8.169				
15067-26-2	Acenaphthene-d10	326209	9.922				
1517-22-2	Phenanthrene-d10	557096	11.41				
1719-03-5	Chrysene-d12	274861	14.045				
1520-96-3	Perylene-d12	292959	15.527				

Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM		
Project:				Date Received:	10/23/2024 12:00:00 AM		
Client Sample ID:	BP-F23			SDG No.:	BF102624		
Lab Sample ID:	P4508-08			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	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
BF140067.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F23	SDG No.:	BF102624
Lab Sample ID:	P4508-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140067.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

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

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F23	SDG No.:	BF102624
Lab Sample ID:	P4508-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140067.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	105.714		10-139		70	SPK: -150
13127-88-3	Phenol-d6	96.205		10-134		64	SPK: -150
4165-60-0	Nitrobenzene-d5	85.587		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	81.533		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	BP-F23	SDG No.:	BF102624
Lab Sample ID:	P4508-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140067.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164374

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.343		44-137		88	SPK: -150
1718-51-0	Terphenyl-d14	90.084		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148116	6.887				
1146-65-2	Naphthalene-d8	585581	8.169				
15067-26-2	Acenaphthene-d10	337025	9.922				
1517-22-2	Phenanthrene-d10	579318	11.41				
1719-03-5	Chrysene-d12	283108	14.045				
1520-96-3	Perylene-d12	298816	15.527				

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-TOP	SDG No.:	BF102624
Lab Sample ID:	P4460-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	48.5
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
BF140068.D	1	10/21/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	170	U	170	520	640	ug/Kg
110-86-1	Pyridine	160	U	160	250	330	ug/Kg
100-52-7	Benzaldehyde	350	U	350	520	640	ug/Kg
62-53-3	Aniline	190	U	190	250	330	ug/Kg
108-95-2	Phenol	160	U	160	250	330	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	160	U	160	250	330	ug/Kg
95-57-8	2-Chlorophenol	160	U	160	250	330	ug/Kg
95-50-1	1,2-Dichlorobenzene	160	U	160	250	330	ug/Kg
541-73-1	1,3-Dichlorobenzene	170	U	170	250	330	ug/Kg
106-46-7	1,4-Dichlorobenzene	170	U	170	250	330	ug/Kg
100-51-6	Benzyl Alcohol	160	U	160	520	640	ug/Kg
95-48-7	2-Methylphenol	160	U	160	250	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	330	ug/Kg
98-86-2	Acetophenone	170	U	170	250	330	ug/Kg
65794-96-9	3+4-Methylphenols	150	U	150	520	640	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	78.2	U	78.2	160	160	ug/Kg
67-72-1	Hexachloroethane	160	U	160	250	330	ug/Kg
98-95-3	Nitrobenzene	180	U	180	250	330	ug/Kg
78-59-1	Isophorone	160	U	160	250	330	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	250	330	ug/Kg
105-67-9	2,4-Dimethylphenol	180	U	180	250	330	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	170	250	330	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	250	330	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	170	U	170	250	330	ug/Kg
65-85-0	Benzoic acid	460	U	460	520	640	ug/Kg
91-20-3	Naphthalene	160	U	160	250	330	ug/Kg
106-47-8	4-Chloroaniline	160	U	160	250	330	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	160	250	330	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-TOP	SDG No.:	BF102624
Lab Sample ID:	P4460-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	48.5
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
BF140068.D	1	10/21/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	170	U	170	520	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	250	330	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	160	250	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	300	U	300	520	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	250	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	140	250	330	ug/Kg
92-52-4	1,1-Biphenyl	170	U	170	250	330	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	250	330	ug/Kg
88-74-4	2-Nitroaniline	180	U	180	250	330	ug/Kg
131-11-3	Dimethylphthalate	160	U	160	250	330	ug/Kg
208-96-8	Acenaphthylene	170	U	170	250	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	160	250	330	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	250	330	ug/Kg
83-32-9	Acenaphthene	160	U	160	250	330	ug/Kg
Total PAH	Total PAH	2580	U	2580	250	5280	ug/Kg
51-28-5	2,4-Dinitrophenol	470	U	470	520	640	ug/Kg
100-02-7	4-Nitrophenol	230	U	230	520	640	ug/Kg
132-64-9	Dibenzofuran	160	U	160	250	330	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	330	U	330	250	660	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	170	250	330	ug/Kg
84-66-2	Diethylphthalate	160	U	160	250	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	170	250	330	ug/Kg
86-73-7	Fluorene	170	U	170	250	330	ug/Kg
100-01-6	4-Nitroaniline	210	U	210	250	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	520	640	ug/Kg
86-30-6	n-Nitrosodiphenylamine	160	U	160	250	330	ug/Kg
103-33-3	Azobenzene	150	U	150	250	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	250	330	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	250	330	ug/Kg
1912-24-9	Atrazine	180	U	180	250	330	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-TOP	SDG No.:	BF102624
Lab Sample ID:	P4460-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	48.5
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
BF140068.D	1	10/21/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	150	U	150	520	640	ug/Kg
85-01-8	Phenanthrene	160	U	160	250	330	ug/Kg
120-12-7	Anthracene	160	U	160	250	330	ug/Kg
86-74-8	Carbazole	160	U	160	250	330	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	250	330	ug/Kg
206-44-0	Fluoranthene	210	J	160	250	330	ug/Kg
92-87-5	Benzidine	320	U	320	520	640	ug/Kg
129-00-0	Pyrene	290	J	160	250	330	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	250	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	520	640	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	160	250	330	ug/Kg
218-01-9	Chrysene	160	J	150	250	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	250	330	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	520	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	250	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	U	160	250	330	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	180	250	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	250	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	250	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	250	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	170	250	330	ug/Kg
123-91-1	1,4-Dioxane	210	U	210	250	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	250	330	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	330	330	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.961		18-112		56	SPK: -150
13127-88-3	Phenol-d6	82.928		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	59.591		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	55.118		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	WB-303-TOP	SDG No.:	BF102624
Lab Sample ID:	P4460-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	48.5
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
BF140068.D	1	10/21/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.216		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	54.118		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142022	6.886				
1146-65-2	Naphthalene-d8	554829	8.169				
15067-26-2	Acenaphthene-d10	315069	9.922				
1517-22-2	Phenanthrene-d10	502958	11.41				
1719-03-5	Chrysene-d12	252281	14.045				
1520-96-3	Perylene-d12	282696	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4000	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	300	A			5.116	
000119-61-9	Benzophenone	270	J			10.633	
000057-10-3	n-Hexadecanoic acid	380	J			11.933	
	unknown12.021	270	J			12.021	
025276-70-4	1-Pentadecanethiol	140	J			13.892	
	unknown17.286	180	J			17.286	
006831-17-0	2H-Cyclopropa[a]naphthalen-2-one,	140	J			17.856	
000638-96-0	.alpha.-Amyrone	760	J			18.227	
058801-23-3	Hop-22(29)-en-3.beta.-ol	330	J			18.468	

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-21	SDG No.:	BF102624
Lab Sample ID:	P4547-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
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
BF140069.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.5	U	58.5	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	65.3	U	65.3	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	56.4	U	56.4	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	56.3	U	56.3	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57	U	57	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	58.3	U	58.3	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	56	U	56	180	220	ug/Kg
95-48-7	2-Methylphenol	54.3	U	54.3	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	53.8	U	53.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	53.9	53.9	ug/Kg
67-72-1	Hexachloroethane	56	U	56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	61.2	U	61.2	87.7	110	ug/Kg
78-59-1	Isophorone	57	U	57	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	63.7	U	63.7	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.8	U	62.8	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.8	U	57.8	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.9	U	50.9	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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-21	SDG No.:	BF102624
Lab Sample ID:	P4547-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
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
BF140069.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.5	U	58.5	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	55.6	U	55.6	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.1	U	48.1	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	58.9	U	58.9	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	58.3	U	58.3	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	60.1	U	60.1	87.7	110	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	87.7	110	ug/Kg
Total PAH	Total PAH	893.4	U	893.4	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.2	U	78.2	180	220	ug/Kg
132-64-9	Dibenzofuran	56.9	U	56.9	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.2	U	114.2	87.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.1	U	58.1	87.7	110	ug/Kg
84-66-2	Diethylphthalate	54	U	54	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.7	U	57.7	87.7	110	ug/Kg
86-73-7	Fluorene	57.6	U	57.6	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	72.1	U	72.1	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.9	U	78.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55	U	55	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	57.3	U	57.3	87.7	110	ug/Kg
1912-24-9	Atrazine	61.6	U	61.6	87.7	110	ug/Kg

Report of Analysis

Client:			Date Collected:	10/24/2024 12:00:00 AM	
Project:			Date Received:	10/24/2024 12:00:00 AM	
Client Sample ID:	BP-F-21		SDG No.:	BF102624	
Lab Sample ID:	P4547-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	11.1	
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
BF140069.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.1	U	52.1	180	220	ug/Kg
85-01-8	Phenanthrene	56.6	U	56.6	87.7	110	ug/Kg
120-12-7	Anthracene	56.9	U	56.9	87.7	110	ug/Kg
86-74-8	Carbazole	54.1	U	54.1	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.8	U	56.8	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	54.4	U	54.4	87.7	110	ug/Kg
218-01-9	Chrysene	53.6	U	53.6	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	62.7	U	62.7	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	54.7	U	54.7	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.5	U	58.5	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	68.991		18-112		46	SPK: -150
13127-88-3	Phenol-d6	69.614		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	51.163		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	48.97		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	BP-F-21	SDG No.:	BF102624
Lab Sample ID:	P4547-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
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
BF140069.D	1	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.842		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	51.677		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148843	6.886				
1146-65-2	Naphthalene-d8	596055	8.169				
15067-26-2	Acenaphthene-d10	343363	9.922				
1517-22-2	Phenanthrene-d10	568427	11.41				
1719-03-5	Chrysene-d12	274542	14.045				
1520-96-3	Perylene-d12	300909	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	950	J			2.21	
000119-61-9	Benzophenone	240	J			10.633	
000057-10-3	n-Hexadecanoic acid	48.1	J			11.927	
1000351-81-2	Hexacosyl pentafluoropropionate	76	J			13.892	
000301-02-0	9-Octadecenamide, (Z)-	45.2	J			14.81	

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF102624
Lab Sample ID:	P4508-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140070.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.1	U	58.1	180	220	ug/Kg
110-86-1	Pyridine	53.5	U	53.5	87.1	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.9	U	64.9	87.1	110	ug/Kg
108-95-2	Phenol	55.5	U	55.5	87.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.1	U	56.1	87.1	110	ug/Kg
95-57-8	2-Chlorophenol	55.9	U	55.9	87.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.7	U	56.7	87.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.6	U	57.6	87.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.9	U	57.9	87.1	110	ug/Kg
100-51-6	Benzyl Alcohol	55.6	U	55.6	180	220	ug/Kg
95-48-7	2-Methylphenol	54	U	54	87.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.9	U	60.9	87.1	110	ug/Kg
98-86-2	Acetophenone	58.2	U	58.2	87.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.4	U	53.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27	U	27	53.6	53.6	ug/Kg
67-72-1	Hexachloroethane	55.6	U	55.6	87.1	110	ug/Kg
98-95-3	Nitrobenzene	60.8	U	60.8	87.1	110	ug/Kg
78-59-1	Isophorone	56.7	U	56.7	87.1	110	ug/Kg
88-75-5	2-Nitrophenol	63.3	U	63.3	87.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.4	U	62.4	87.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.5	U	57.5	87.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.6	U	50.6	87.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.2	U	57.2	87.1	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.3	U	55.3	87.1	110	ug/Kg
106-47-8	4-Chloroaniline	55.3	U	55.3	87.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.8	U	55.8	87.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF102624
Lab Sample ID:	P4508-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140070.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.1	U	58.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.9	U	51.9	87.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.3	U	55.3	87.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.8	U	47.8	87.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.6	U	49.6	87.1	110	ug/Kg
92-52-4	1,1-Biphenyl	58.5	U	58.5	87.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.8	U	55.8	87.1	110	ug/Kg
88-74-4	2-Nitroaniline	63.6	U	63.6	87.1	110	ug/Kg
131-11-3	Dimethylphthalate	54.7	U	54.7	87.1	110	ug/Kg
208-96-8	Acenaphthylene	57.9	U	57.9	87.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.7	U	55.7	87.1	110	ug/Kg
99-09-2	3-Nitroaniline	59.7	U	59.7	87.1	110	ug/Kg
83-32-9	Acenaphthene	54.3	U	54.3	87.1	110	ug/Kg
Total PAH	Total PAH	887.3	U	887.3	87.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.7	U	77.7	180	220	ug/Kg
132-64-9	Dibenzofuran	56.5	U	56.5	87.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.7	U	57.7	87.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.4	U	113.4	87.1	220	ug/Kg
84-66-2	Diethylphthalate	53.6	U	53.6	87.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.3	U	57.3	87.1	110	ug/Kg
86-73-7	Fluorene	57.3	U	57.3	87.1	110	ug/Kg
100-01-6	4-Nitroaniline	71.7	U	71.7	87.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.4	U	78.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.6	U	54.6	87.1	110	ug/Kg
103-33-3	Azobenzene	53.3	U	53.3	87.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.8	U	52.8	87.1	110	ug/Kg
118-74-1	Hexachlorobenzene	56.9	U	56.9	87.1	110	ug/Kg
1912-24-9	Atrazine	61.2	U	61.2	87.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF102624
Lab Sample ID:	P4508-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140070.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.8	U	51.8	180	220	ug/Kg
85-01-8	Phenanthrene	56.3	U	56.3	87.1	110	ug/Kg
120-12-7	Anthracene	56.5	U	56.5	87.1	110	ug/Kg
86-74-8	Carbazole	53.8	U	53.8	87.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.5	U	56.5	87.1	110	ug/Kg
206-44-0	Fluoranthene	54.7	U	54.7	87.1	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.6	U	55.6	87.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.8	U	64.8	87.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54	U	54	87.1	110	ug/Kg
218-01-9	Chrysene	53.2	U	53.2	87.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.9	U	60.9	87.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.7	U	73.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.3	U	54.3	87.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.3	U	55.3	87.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.3	U	62.3	87.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.3	U	52.3	87.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.4	U	54.4	87.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.6	U	53.6	87.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.1	U	58.1	87.1	110	ug/Kg
123-91-1	1,4-Dioxane	73.7	U	73.7	87.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	87.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.7	U	55.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.997		18-112		52	SPK: -150
13127-88-3	Phenol-d6	77.66		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	58.429		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	57.595		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF102624
Lab Sample ID:	P4508-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.5
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140070.D	1	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.306		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	51.217		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143289	6.886				
1146-65-2	Naphthalene-d8	572773	8.169				
15067-26-2	Acenaphthene-d10	315839	9.922				
1517-22-2	Phenanthrene-d10	493648	11.41				
1719-03-5	Chrysene-d12	255382	14.045				
1520-96-3	Perylene-d12	270585	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
001576-87-0	2-Pentenal, (E)-	76.1	J			5.992	
000119-61-9	Benzophenone	95.5	J			10.633	
000057-10-3	n-Hexadecanoic acid	200	J			11.933	
1000155-85-3	Cyclohexadecane, 1,2-diethyl-	98.4	J			13.892	
000301-02-0	9-Octadecenamide, (Z)-	56.3	J			14.804	
000111-02-4	Squalene	120	J			14.904	

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215	SDG No.:	BF102624
Lab Sample ID:	P4545-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
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
BF140071.D	2	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	230	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.5	U	55.5	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	230	ug/Kg
78-59-1	Isophorone	120	U	120	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	330	U	330	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215	SDG No.:	BF102624
Lab Sample ID:	P4545-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
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
BF140071.D	2	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98.4	U	98.4	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	1820	U	1820	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	370	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	450	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	130	U	130	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215	SDG No.:	BF102624
Lab Sample ID:	P4545-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
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
BF140071.D	2	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	370	450	ug/Kg
85-01-8	Phenanthrene	120	U	120	180	230	ug/Kg
120-12-7	Anthracene	120	U	120	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	230	ug/Kg
206-44-0	Fluoranthene	240		110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	370	450	ug/Kg
129-00-0	Pyrene	160	J	110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	110	180	230	ug/Kg
218-01-9	Chrysene	140	J	110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	630		130	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	J	110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	59.366		18-112		40	SPK: -150
13127-88-3	Phenol-d6	56.754		15-107		38	SPK: -150
4165-60-0	Nitrobenzene-d5	44.794		18-107		45	SPK: -100
321-60-8	2-Fluorobiphenyl	51.102		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	VNJ-215	SDG No.:	BF102624
Lab Sample ID:	P4545-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
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
BF140071.D	2	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	50.462		10-116		34	SPK: -150
1718-51-0	Terphenyl-d14	37.112		10-105		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156039	6.886				
1146-65-2	Naphthalene-d8	577867	8.169				
15067-26-2	Acenaphthene-d10	266450	9.922				
1517-22-2	Phenanthrene-d10	350786	11.416				
1719-03-5	Chrysene-d12	266263	14.051				
1520-96-3	Perylene-d12	210921	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	860	J			2.169	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	210	J			9.633	
019780-11-1	2-Dodecen-1-yl(-)succinic anhydrid	200	J			9.792	
	unknown9.839	260	J			9.839	
1000342-70-4	1-Octadecanesulphonyl chloride	140	J			10.18	
070412-52-1	2,11-Dioxabicyclo[4.4.1]undeca-3,5	350	J			10.333	
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	550	J			10.839	
000084-76-4	1,2-Benzenedicarboxylic acid, dino	250	J			14.827	
1000356-89-4	Phthalic acid, 2-ethylbutyl nonyl	270	J			14.915	
000146-50-9	1,2-Benzenedicarboxylic acid, bis(	220	J			14.957	
1000308-92-6	Phthalic acid, dodecyl nonyl ester	300	J			15.009	

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	AU-06-10232024	SDG No.:	BF102624
Lab Sample ID:	P4509-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF140072.D	2	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	AU-06-10232024	SDG No.:	BF102624
Lab Sample ID:	P4509-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF140072.D	2	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

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	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1980	U	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	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	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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	AU-06-10232024	SDG No.:	BF102624
Lab Sample ID:	P4509-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF140072.D	2	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

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	200	J	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	350		110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	360	430	ug/Kg
129-00-0	Pyrene	250		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	190	J	110	170	220	ug/Kg
218-01-9	Chrysene	190	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	360	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	200	J	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	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	120	J	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	98.4	U	98.4	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	61.26		18-112		41	SPK: -150
13127-88-3	Phenol-d6	57.79		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	47.39		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	54.254		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	AU-06-10232024	SDG No.:	BF102624
Lab Sample ID:	P4509-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140072.D	2	10/24/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	55.646		10-116		37	SPK: -150
1718-51-0	Terphenyl-d14	43.892		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144889	6.886				
1146-65-2	Naphthalene-d8	516739	8.169				
15067-26-2	Acenaphthene-d10	237294	9.922				
1517-22-2	Phenanthrene-d10	355263	11.41				
1719-03-5	Chrysene-d12	240852	14.051				
1520-96-3	Perylene-d12	186217	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
001576-87-0	2-Pentenal, (E)-	110	J			5.987	
000629-92-5	Nonadecane	99.7	J			9.322	
000544-76-3	Hexadecane	110	J			9.851	
006165-40-8	Pentadecane, 7-methyl-	190	J			10.351	
000112-40-3	Dodecane	100	J			10.569	
000119-61-9	Benzophenone	100	J			10.633	
000629-78-7	Heptadecane	230	J			10.827	
000629-62-9	Pentadecane	130	J			11.274	
000593-49-7	Heptacosane	97.9	J			11.698	
000057-10-3	n-Hexadecanoic acid	150	J			11.933	

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	OR-03-102424	SDG No.:	BF102624
Lab Sample ID:	P4531-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
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
BF140073.D	5	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	860	1000	ug/Kg
110-86-1	Pyridine	250	U	250	410	540	ug/Kg
100-52-7	Benzaldehyde	580	U	580	860	1000	ug/Kg
62-53-3	Aniline	310	U	310	410	540	ug/Kg
108-95-2	Phenol	260	U	260	410	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	410	540	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	410	540	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	410	540	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	410	540	ug/Kg
106-46-7	1,4-Dichlorobenzene	270	U	270	410	540	ug/Kg
100-51-6	Benzyl Alcohol	260	U	260	860	1000	ug/Kg
95-48-7	2-Methylphenol	260	U	260	410	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	410	540	ug/Kg
98-86-2	Acetophenone	280	U	280	410	540	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	860	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	250	250	ug/Kg
67-72-1	Hexachloroethane	260	U	260	410	540	ug/Kg
98-95-3	Nitrobenzene	290	U	290	410	540	ug/Kg
78-59-1	Isophorone	270	U	270	410	540	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	410	540	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	410	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	410	540	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	410	540	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	410	540	ug/Kg
65-85-0	Benzoic acid	750	U	750	860	1000	ug/Kg
91-20-3	Naphthalene	260	J	260	410	540	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	410	540	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	410	540	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	OR-03-102424	SDG No.:	BF102624
Lab Sample ID:	P4531-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
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
BF140073.D	5	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	860	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	410	540	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	410	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	860	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	410	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	410	540	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	410	540	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	410	540	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	410	540	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	410	540	ug/Kg
208-96-8	Acenaphthylene	270	U	270	410	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	410	540	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	410	540	ug/Kg
83-32-9	Acenaphthene	290	J	260	410	540	ug/Kg
Total PAH	Total PAH	20320		4210	410	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	770	U	770	860	1000	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	860	1000	ug/Kg
132-64-9	Dibenzofuran	270	U	270	410	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	410	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	530	U	530	410	1080	ug/Kg
84-66-2	Diethylphthalate	250	U	250	410	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	410	540	ug/Kg
86-73-7	Fluorene	350	J	270	410	540	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	410	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	860	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	410	540	ug/Kg
103-33-3	Azobenzene	250	U	250	410	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	410	540	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	410	540	ug/Kg
1912-24-9	Atrazine	290	U	290	410	540	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	OR-03-102424	SDG No.:	BF102624
Lab Sample ID:	P4531-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
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
BF140073.D	5	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	860	1000	ug/Kg
85-01-8	Phenanthrene	2200		270	410	540	ug/Kg
120-12-7	Anthracene	680		270	410	540	ug/Kg
86-74-8	Carbazole	260	J	260	410	540	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	410	540	ug/Kg
206-44-0	Fluoranthene	3800		260	410	540	ug/Kg
92-87-5	Benzidine	520	U	520	860	1000	ug/Kg
129-00-0	Pyrene	2800		260	410	540	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	410	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	860	1000	ug/Kg
56-55-3	Benzo(a)anthracene	1800		260	410	540	ug/Kg
218-01-9	Chrysene	1700		250	410	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	410	540	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	860	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		260	410	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		260	410	540	ug/Kg
50-32-8	Benzo(a)pyrene	1800		300	410	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770		250	410	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	410	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900		250	410	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	410	540	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	410	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	410	540	ug/Kg
90-12-0	1-Methylnaphthalene	260	U	260	540	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.51		18-112		52	SPK: -150
13127-88-3	Phenol-d6	73.48		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	57.28		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	67.23		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	OR-03-102424	SDG No.:	BF102624
Lab Sample ID:	P4531-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140073.D	5	10/25/2024 12:00:00 AM	10/26/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.66		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	57.56		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132962	6.886				
1146-65-2	Naphthalene-d8	469517	8.169				
15067-26-2	Acenaphthene-d10	215959	9.922				
1517-22-2	Phenanthrene-d10	339379	11.41				
1719-03-5	Chrysene-d12	217705	14.051				
1520-96-3	Perylene-d12	176277	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.163	
000119-61-9	Benzophenone	290	J			10.633	
000613-12-7	Anthracene, 2-methyl-	300	J			11.91	
000832-69-9	Phenanthrene, 1-methyl-	450	J			11.939	
000203-64-5	4H-Cyclopenta[def]phenanthrene	820	J			12.027	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	220	J			12.21	
000781-43-1	9,10-Dimethylanthracene	290	J			12.463	
	unknown12.498	220	J			12.498	
033543-31-6	Fluoranthene, 2-methyl-	300	J			13.068	
000243-17-4	11H-Benzo[b]fluorene	430	J			13.18	
000238-84-6	11H-Benzo[a]fluorene	240	J			13.245	
000192-97-2	Benzo[e]pyrene	1200	J			15.403	

Hit Summary Sheet SW-846

SDG No.: BF102624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WB-303-TOP								
P4460-02	WB-303-TOP	Solid	.alpha.-Amyrone	*	760.000	J		
P4460-02	WB-303-TOP	Solid	1-Pentadecanethiol	*	140.000	J		
P4460-02	WB-303-TOP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	300.000	A		
P4460-02	WB-303-TOP	Solid	2H-Cyclopropa[a]naphthalen-2-or	*	140.000	J		
P4460-02	WB-303-TOP	Solid	Benzophenone	*	270.000	J		
P4460-02	WB-303-TOP	Solid	Butane, 2-methoxy-2-methyl-	*	4,000.000	J		
P4460-02	WB-303-TOP	Solid	Hop-22(29)-en-3.beta.-ol	*	330.000	J		
P4460-02	WB-303-TOP	Solid	n-Hexadecanoic acid	*	380.000	J		
P4460-02	WB-303-TOP	Solid	unknown12.021	*	270.000	J		
P4460-02	WB-303-TOP	Solid	unknown17.286	*	180.000	J		
Total Tics :					6,770.00			
P4460-02	WB-303-TOP	Solid	Benzo(a)anthracene		190.000	J	160	ug/Kg
P4460-02	WB-303-TOP	Solid	Benzo(a)pyrene		180.000	J	180	ug/Kg
P4460-02	WB-303-TOP	Solid	Chrysene		160.000	J	150	ug/Kg
P4460-02	WB-303-TOP	Solid	Fluoranthene		210.000	J	160	ug/Kg
P4460-02	WB-303-TOP	Solid	Pyrene		290.000	J	160	ug/Kg
Total Svoc :					1,030.00			
Total Concentration:					7,800.00			
Client ID : WB-303-BOT								
P4460-03	WB-303-BOT	Solid	1-Docosene	*	530.000	J		
P4460-03	WB-303-BOT	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	310.000	A		
P4460-03	WB-303-BOT	Solid	3-Ethyl-2,6,10-trimethylundecane	*	1,900.000	J		
P4460-03	WB-303-BOT	Solid	Benzene, 2-ethenyl-1,4-dimethyl-	*	360.000	J		
P4460-03	WB-303-BOT	Solid	Butane, 2-methoxy-2-methyl-	*	3,800.000	J		
P4460-03	WB-303-BOT	Solid	Decane, 3,8-dimethyl-	*	590.000	J		
P4460-03	WB-303-BOT	Solid	Decane, 5-ethyl-5-methyl-	*	680.000	J		
P4460-03	WB-303-BOT	Solid	Dodecane, 2,6,11-trimethyl-	*	490.000	J		
P4460-03	WB-303-BOT	Solid	Heptacosane	*	710.000	J		
P4460-03	WB-303-BOT	Solid	Heptadecane	*	2,700.000	J		
P4460-03	WB-303-BOT	Solid	Hexadecane	*	3,900.000	J		
P4460-03	WB-303-BOT	Solid	Hexadecane, 7-methyl-	*	500.000	J		
P4460-03	WB-303-BOT	Solid	Nonadecane	*	1,000.000	J		
P4460-03	WB-303-BOT	Solid	Nonane, 2,6-dimethyl-	*	920.000	J		
P4460-03	WB-303-BOT	Solid	Pentadecane, 2,6,10-trimethyl-	*	350.000	J		
P4460-03	WB-303-BOT	Solid	Tetradecane, 3-methyl-	*	330.000	J		
P4460-03	WB-303-BOT	Solid	Tetratetracontane	*	470.000	J		
P4460-03	WB-303-BOT	Solid	Tridecane	*	1,200.000	J		

Hit Summary Sheet SW-846

SDG No.: BF102624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4460-03	WB-303-BOT	Solid	Undecane	*	440.000	J		
P4460-03	WB-303-BOT	Solid	Undecane, 2,6-dimethyl-	*	370.000	J		
			Total Tics :		21,550.00			
P4460-03	WB-303-BOT	Solid	Naphthalene		210.000	100	210	ug/Kg
			Total Svoc :		210.00			
			Total Concentration:		21,760.00			

Client ID : B-180-SB02

P4471-02	B-180-SB02	Solid	.alpha.-Pinene	*	6,600.000	J		
P4471-02	B-180-SB02	Solid	.gamma.-Sitosterol	*	480.000	J		
P4471-02	B-180-SB02	Solid	1,2-15,16-Diepoxyhexadecane	*	3,100.000	J		
P4471-02	B-180-SB02	Solid	1,21-Docosadiene	*	420.000	J		
P4471-02	B-180-SB02	Solid	1,4-Dimethyl-8-isopropylidenetric	*	700.000	J		
P4471-02	B-180-SB02	Solid	9(1H)-Phenanthrenone, 2,3,4,4a,1	*	830.000	J		
P4471-02	B-180-SB02	Solid	Bicyclo[2.2.1]heptan-2-one, 1,7,7	*	1,200.000	J		
P4471-02	B-180-SB02	Solid	Butane, 2-methoxy-2-methyl-	*	3,400.000	J		
P4471-02	B-180-SB02	Solid	Camphene	*	400.000	J		
P4471-02	B-180-SB02	Solid	Dehydroabietic acid	*	400.000	J		
P4471-02	B-180-SB02	Solid	Docosanoic acid	*	420.000	J		
P4471-02	B-180-SB02	Solid	endo-Borneol	*	470.000	J		
P4471-02	B-180-SB02	Solid	Fenchol	*	510.000	J		
P4471-02	B-180-SB02	Solid	Heptadecyl heptafluorobutyrate	*	910.000	J		
P4471-02	B-180-SB02	Solid	Hexacosane	*	400.000	J		
P4471-02	B-180-SB02	Solid	n-Hexadecanoic acid	*	710.000	J		
P4471-02	B-180-SB02	Solid	Octadecyl trifluoroacetate	*	1,100.000	J		
P4471-02	B-180-SB02	Solid	p-Cymene	*	1,000.000	J		
P4471-02	B-180-SB02	Solid	Terpinen-4-ol	*	550.000	J		
P4471-02	B-180-SB02	Solid	unknown13.533	*	370.000	J		
			Total Tics :		23,970.00			
			Total Concentration:		23,970.00			

Client ID : TP-3

P4508-01	TP-3	Solid	2-Pentenal, (E)-	*	76.100	J		
P4508-01	TP-3	Solid	9-Octadecenamide, (Z)-	*	56.300	J		
P4508-01	TP-3	Solid	Benzophenone	*	95.500	J		
P4508-01	TP-3	Solid	Cyclohexadecane, 1,2-diethyl-	*	98.400	J		
P4508-01	TP-3	Solid	n-Hexadecanoic acid	*	200.000	J		
P4508-01	TP-3	Solid	Squalene	*	120.000	J		
			Total Tics :		646.30			
			Total Concentration:		646.30			

Client ID : BP-F23

Hit Summary Sheet SW-846

SDG No.: BF102624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4508-05	BP-F23	Solid	1H-Imidazole, 4,5-dihydro-2-methyl	*	75.600	J		
P4508-05	BP-F23	Solid	Benzophenone	*	100.000	J		
P4508-05	BP-F23	Solid	n-Hexadecanoic acid	*	81.700	J		
P4508-05	BP-F23	Solid	Octacosanol	*	100.000	J		
Total Tics :					357.30			
Total Concentration:					357.30			

Client ID : BP-F22

P4508-09	BP-F22	Solid	(S)-(+)-5-Methyl-1-heptanol	*	47.500	J		
P4508-09	BP-F22	Solid	2-Pentenal, (E)-	*	140.000	J		
P4508-09	BP-F22	Solid	9-Octadecenamide, (Z)-	*	55.900	J		
P4508-09	BP-F22	Solid	Benzophenone	*	140.000	J		
P4508-09	BP-F22	Solid	Eicosane	*	70.600	J		
P4508-09	BP-F22	Solid	Hentriacontane	*	50.800	J		
P4508-09	BP-F22	Solid	Hexacosane	*	100.000	J		
P4508-09	BP-F22	Solid	n-Hexadecanoic acid	*	260.000	J		
P4508-09	BP-F22	Solid	Octacosane	*	110.000	J		
P4508-09	BP-F22	Solid	Octacosane, 2-methyl-	*	100.000	J		
P4508-09	BP-F22	Solid	Octadecanoic acid	*	82.900	J		
P4508-09	BP-F22	Solid	Pentadecafluorooctanoic acid, oct-	*	180.000	J		
P4508-09	BP-F22	Solid	Pentane, 2,3,4-trimethyl-	*	47.500	J		
P4508-09	BP-F22	Solid	Sulfurous acid, cyclohexylmethyl	*	67.100	J		
P4508-09	BP-F22	Solid	Tetracosane	*	100.000	J		
P4508-09	BP-F22	Solid	Tetratetracontane	*	51.500	J		
P4508-09	BP-F22	Solid	Triaccontane	*	94.100	J		
P4508-09	BP-F22	Solid	unknown17.527	*	53.000	J		
P4508-09	BP-F22	Solid	unknown5.628	*	46.900	J		
Total Tics :					1,797.80			
Total Concentration:					1,797.80			

Client ID : AU-06-10232024

P4509-01	AU-06-10232024	Solid	2-Pentenal, (E)-	*	110.000	J		
P4509-01	AU-06-10232024	Solid	Benzophenone	*	100.000	J		
P4509-01	AU-06-10232024	Solid	Dodecane	*	100.000	J		
P4509-01	AU-06-10232024	Solid	Heptacosane	*	97.900	J		
P4509-01	AU-06-10232024	Solid	Heptadecane	*	230.000	J		
P4509-01	AU-06-10232024	Solid	Hexadecane	*	110.000	J		
P4509-01	AU-06-10232024	Solid	n-Hexadecanoic acid	*	150.000	J		
P4509-01	AU-06-10232024	Solid	Nonadecane	*	99.700	J		
P4509-01	AU-06-10232024	Solid	Pentadecane	*	130.000	J		
P4509-01	AU-06-10232024	Solid	Pentadecane, 7-methyl-	*	190.000	J		
Total Tics :					1,317.60			

Hit Summary Sheet
SW-846

SDG No.: BF102624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4509-01	AU-06-10232024	Solid	Benzo(a)anthracene	190.000	J	110	220	ug/Kg
P4509-01	AU-06-10232024	Solid	Benzo(a)pyrene	200.000	J	120	220	ug/Kg
P4509-01	AU-06-10232024	Solid	Benzo(b)fluoranthene	260.000		110	220	ug/Kg
P4509-01	AU-06-10232024	Solid	Benzo(g,h,i)perylene	120.000	J	110	220	ug/Kg
P4509-01	AU-06-10232024	Solid	Benzo(k)fluoranthene	120.000	J	110	220	ug/Kg
P4509-01	AU-06-10232024	Solid	Chrysene	190.000	J	100	220	ug/Kg
P4509-01	AU-06-10232024	Solid	Fluoranthene	350.000		110	220	ug/Kg
P4509-01	AU-06-10232024	Solid	Indeno(1,2,3-cd)pyrene	100.000	J	100	220	ug/Kg
P4509-01	AU-06-10232024	Solid	Phenanthrene	200.000	J	110	220	ug/Kg
P4509-01	AU-06-10232024	Solid	Pyrene	250.000		110	220	ug/Kg
Total Svoc :				1,980.00				
Total Concentration:				3,297.60				
Client ID : OR-03-102424								
P4531-01	OR-03-102424	Solid	11H-Benzo[a]fluorene	*	240.000	J		
P4531-01	OR-03-102424	Solid	11H-Benzo[b]fluorene	*	430.000	J		
P4531-01	OR-03-102424	Solid	4H-Cyclopenta[def]phenanthrene	*	820.000	J		
P4531-01	OR-03-102424	Solid	9,10-Dimethylanthracene	*	290.000	J		
P4531-01	OR-03-102424	Solid	Anthracene, 2-methyl-	*	300.000	J		
P4531-01	OR-03-102424	Solid	Benzo[e]pyrene	*	1,200.000	J		
P4531-01	OR-03-102424	Solid	Benzophenone	*	290.000	J		
P4531-01	OR-03-102424	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4531-01	OR-03-102424	Solid	Fluoranthene, 2-methyl-	*	300.000	J		
P4531-01	OR-03-102424	Solid	Phenanthrene, 1-methyl-	*	450.000	J		
P4531-01	OR-03-102424	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6-triene	*	220.000	J		
P4531-01	OR-03-102424	Solid	unknown12.498	*	220.000	J		
Total Tics :				5,860.00				
P4531-01	OR-03-102424	Solid	Acenaphthene		290.000	J	260	ug/Kg
P4531-01	OR-03-102424	Solid	Anthracene		680.000		270	ug/Kg
P4531-01	OR-03-102424	Solid	Benzo(a)anthracene		1,800.000		260	ug/Kg
P4531-01	OR-03-102424	Solid	Benzo(a)pyrene		1,800.000		300	ug/Kg
P4531-01	OR-03-102424	Solid	Benzo(b)fluoranthene		2,000.000		260	ug/Kg
P4531-01	OR-03-102424	Solid	Benzo(g,h,i)perylene		900.000		250	ug/Kg
P4531-01	OR-03-102424	Solid	Benzo(k)fluoranthene		970.000		260	ug/Kg
P4531-01	OR-03-102424	Solid	Carbazole		260.000	J	260	ug/Kg
P4531-01	OR-03-102424	Solid	Chrysene		1,700.000		250	ug/Kg
P4531-01	OR-03-102424	Solid	Fluoranthene		3,800.000		260	ug/Kg
P4531-01	OR-03-102424	Solid	Fluorene		350.000	J	270	ug/Kg
P4531-01	OR-03-102424	Solid	Indeno(1,2,3-cd)pyrene		770.000		250	ug/Kg
P4531-01	OR-03-102424	Solid	Naphthalene		260.000	J	260	ug/Kg
P4531-01	OR-03-102424	Solid	Phenanthrene		2,200.000		270	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF102624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4531-01	OR-03-102424	Solid	Pyrene	2,800.000		260	540	ug/Kg
P4531-01	OR-03-102424	Solid	Total PAH	20,320.000		4210	8640	ug/Kg
Total Svoc :				40,900.00				
Total Concentration:				46,760.00				

Client ID : VNJ-215

P4545-01	VNJ-215	Solid	1,2-Benzenedicarboxylic acid, bis *	220.000	J			
P4545-01	VNJ-215	Solid	1,2-Benzenedicarboxylic acid, din *	250.000	J			
P4545-01	VNJ-215	Solid	1-Octadecanesulphonyl chloride *	140.000	J			
P4545-01	VNJ-215	Solid	2,11-Dioxabicyclo[4.4.1]undeca-3 *	350.000	J			
P4545-01	VNJ-215	Solid	2-Dodecen-1-yl(-)succinic anhydr *	200.000	J			
P4545-01	VNJ-215	Solid	Butane, 2-methoxy-2-methyl- *	860.000	J			
P4545-01	VNJ-215	Solid	Decahydro-1,1,4a,5,6-pentamethy *	210.000	J			
P4545-01	VNJ-215	Solid	Pentadecane, 2,6,10,14-tetramethy *	550.000	J			
P4545-01	VNJ-215	Solid	Phthalic acid, 2-ethylbutyl nonyl *	270.000	J			
P4545-01	VNJ-215	Solid	Phthalic acid, dodecyl nonyl ester *	300.000	J			
P4545-01	VNJ-215	Solid	unknown9.839 *	260.000	J			
Total Tics :				3,610.00				
P4545-01	VNJ-215	Solid	Benzo(a)anthracene	130.000	J	110	230	ug/Kg
P4545-01	VNJ-215	Solid	Benzo(a)pyrene	160.000	J	130	230	ug/Kg
P4545-01	VNJ-215	Solid	Benzo(b)fluoranthene	210.000	J	110	230	ug/Kg
P4545-01	VNJ-215	Solid	Benzo(g,h,i)perylene	110.000	J	110	230	ug/Kg
P4545-01	VNJ-215	Solid	Bis(2-ethylhexyl)phthalate	630.000		130	230	ug/Kg
P4545-01	VNJ-215	Solid	Chrysene	140.000	J	110	230	ug/Kg
P4545-01	VNJ-215	Solid	Fluoranthene	240.000		110	230	ug/Kg
P4545-01	VNJ-215	Solid	Pyrene	160.000	J	110	230	ug/Kg
Total Svoc :				1,780.00				
Total Concentration:				5,390.00				

Client ID : BP-F-21

P4547-01	BP-F-21	Solid	9-Octadecenamide, (Z)- *	45.200	J			
P4547-01	BP-F-21	Solid	Benzophenone *	240.000	J			
P4547-01	BP-F-21	Solid	Butane, 2-methoxy-2-methyl- *	950.000	J			
P4547-01	BP-F-21	Solid	Hexacosyl pentafluoropropionate *	76.000	J			
P4547-01	BP-F-21	Solid	n-Hexadecanoic acid *	48.100	J			
Total Tics :				1,359.30				
Total Concentration:				1,359.30				

Client ID : BP-F-20

P4547-05	BP-F-20	Solid	1-Heneicosanol *	130.000	J			
P4547-05	BP-F-20	Solid	Benzophenone *	170.000	J			
P4547-05	BP-F-20	Solid	Butane, 2-methoxy-2-methyl- *	1,400.000	J			



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

Hit Summary Sheet
SW-846

SDG No.: BF102624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4547-05	BP-F-20	Solid	n-Hexadecanoic acid	*	170.000	J		
			Total Tics :			1,870.00		
			Total Concentration:			1,870.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 10:27

LAB FILE ID:		RRF2.5 = BF139844.D		RRF005 = BF139845.D		RRF010 = BF139846.D		
		RRF020 = BF139847.D		RRF040 = BF139848.D		RRF050 = BF139849.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.815	0.800	0.799	0.806	0.782	0.793	2.4
Pyridine		1.622	1.570	1.522	1.504	1.386	1.476	7.3
2-Fluorophenol		1.465	1.398	1.331	1.278	1.179	1.278	10.1
Benzaldehyde			1.137	1.042	0.940	0.873	0.931	15.2
Aniline		1.673	1.649	1.618	1.582	1.471	1.542	8.1
Phenol-d6		1.900	1.818	1.709	1.647	1.538	1.655	10.1
Phenol		1.952	1.832	1.760	1.712	1.583	1.706	9.2
bis(2-Chloroethyl)ether		1.470	1.423	1.359	1.294	1.251	1.319	7.8
2-Chlorophenol		1.503	1.422	1.358	1.310	1.212	1.306	10.2
1,2-Dichlorobenzene		1.660	1.579	1.478	1.379	1.273	1.398	13.2
1,3-Dichlorobenzene		1.718	1.656	1.544	1.499	1.392	1.499	10.2
1,4-Dichlorobenzene		1.723	1.641	1.558	1.487	1.392	1.498	10.2
Benzyl Alcohol		1.355	1.299	1.257	1.213	1.154	1.214	8.1
2-Methylphenol		1.264	1.164	1.134	1.114	1.053	1.114	7.7
2,2-oxybis(1-Chloropropane)		2.524	2.409	2.353	2.255	2.117	2.248	8.7
Acetophenone		0.578	0.533	0.516	0.481	0.452	0.490	11.4
3+4-Methylphenols		1.678	1.573	1.520	1.418	1.309	1.424	12.4
n-Nitroso-di-n-propylamine	1.105	1.141	1.066	1.025	0.974	0.921	1.004	9.6
Nitrobenzene-d5		0.365	0.365	0.372	0.371	0.354	0.361	2.9
Hexachloroethane		0.583	0.571	0.549	0.541	0.507	0.534	7.1
Nitrobenzene		0.417	0.402	0.408	0.403	0.383	0.396	4.1
Isophorone		0.755	0.709	0.702	0.679	0.652	0.685	5.9
2-Nitrophenol		0.124	0.137	0.150	0.157	0.158	0.149	9.2
2,4-Dimethylphenol		0.285	0.259	0.256	0.248	0.237	0.249	8.1
bis(2-Chloroethoxy)methane		0.468	0.440	0.432	0.412	0.394	0.415	8.2
2,4-Dichlorophenol		0.308	0.297	0.293	0.283	0.272	0.283	6.2
1,2,4-Trichlorobenzene		0.351	0.331	0.325	0.315	0.298	0.314	7.7
Benzoic acid			0.175	0.207	0.220	0.231	0.217	10.7
Naphthalene		1.209	1.121	1.091	1.023	0.958	1.031	11.2
4-Chloroaniline		0.397	0.382	0.368	0.351	0.332	0.352	9.3
Hexachlorobutadiene		0.224	0.206	0.203	0.197	0.185	0.197	8.0
Caprolactam		0.092	0.092	0.092	0.092	0.088	0.090	2.9
4-Chloro-3-methylphenol		0.341	0.328	0.324	0.315	0.299	0.314	6.0
2-Methylnaphthalene		0.740	0.689	0.666	0.621	0.587	0.632	11.1
Hexachlorocyclopentadiene		0.185	0.193	0.198	0.198	0.186	0.188	5.3
2,4,6-Trichlorophenol		0.405	0.382	0.400	0.387	0.363	0.382	4.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 10:27

LAB FILE ID:		RRF2.5 = BF139844.D		RRF005 = BF139845.D		RRF010 = BF139846.D		
		RRF020 = BF139847.D		RRF040 = BF139848.D		RRF050 = BF139849.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.396	1.280	1.162	1.088	1.210	16.0
2,4,5-Trichlorophenol		0.426	0.425	0.398	0.401	0.381	0.394	6.6
1,1-Biphenyl		1.640	1.536	1.483	1.379	1.285	1.392	12.2
2-Chloronaphthalene		1.288	1.225	1.164	1.111	1.048	1.121	10.0
2-Nitroaniline		0.299	0.318	0.353	0.365	0.354	0.343	7.2
Dimethylphthalate		1.410	1.344	1.283	1.237	1.172	1.246	8.6
Acenaphthylene		1.854	1.756	1.717	1.615	1.507	1.621	10.1
2,6-Dinitrotoluene		0.256	0.266	0.278	0.280	0.273	0.270	3.4
3-Nitroaniline		0.270	0.275	0.296	0.292	0.276	0.278	4.8
Acenaphthene		1.200	1.136	1.089	1.044	0.977	1.049	9.5
2,4-Dinitrophenol			0.056	0.077	0.101	0.101	0.093	23.9
4-Nitrophenol		0.187	0.207	0.225	0.232	0.219	0.214	6.8
Dibenzofuran		1.767	1.659	1.579	1.486	1.389	1.505	11.5
2,4-Dinitrotoluene		0.280	0.314	0.337	0.356	0.344	0.332	7.9
Diethylphthalate		1.366	1.308	1.267	1.214	1.165	1.223	8.0
4-Chlorophenyl-phenylether		0.698	0.638	0.617	0.569	0.526	0.579	13.1
Fluorene		1.409	1.309	1.201	1.110	1.029	1.146	14.7
4-Nitroaniline		0.249	0.259	0.270	0.275	0.263	0.263	3.6
4,6-Dinitro-2-methylphenol			0.055	0.072	0.087	0.090	0.082	18.6
n-Nitrosodiphenylamine		0.672	0.641	0.621	0.595	0.568	0.599	8.1
Azobenzene		1.459	1.385	1.355	1.306	1.216	1.297	8.6
2,4,6-Tribromophenol		0.201	0.196	0.193	0.188	0.179	0.187	5.5
4-Bromophenyl-phenylether		0.230	0.217	0.211	0.202	0.197	0.206	7.0
Hexachlorobenzene		0.258	0.245	0.237	0.231	0.217	0.232	7.2
Atrazine		0.189	0.175	0.156	0.175	0.135	0.162	11.4
Pentachlorophenol		0.118	0.137	0.148	0.152	0.145	0.141	8.0
Phenanthrene		1.121	1.035	0.994	0.933	0.863	0.945	11.8
Anthracene		1.082	1.014	0.972	0.913	0.851	0.922	11.5
Carbazole		1.002	0.964	0.923	0.846	0.776	0.857	12.6
Di-n-butylphthalate		1.104	1.071	1.062	1.014	0.923	0.990	9.8
Fluoranthene		1.149	1.108	1.036	0.943	0.842	0.955	15.3
Benzidine		0.457	0.461	0.293	0.366	0.276	0.329	30.9
Pyrene		1.892	1.828	1.900	1.805	1.685	1.751	8.4
Terphenyl-d14		1.381	1.335	1.340	1.244	1.154	1.227	11.0
Butylbenzylphthalate		0.490	0.513	0.536	0.555	0.535	0.525	4.0
3,3-Dichlorobenzidine		0.368	0.372	0.390	0.387	0.374	0.380	2.2

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.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 10:27

LAB FILE ID:		RRF2.5 = BF139844.D			RRF005 = BF139845.D		RRF010 = BF139846.D	
		RRF020 = BF139847.D			RRF040 = BF139848.D		RRF050 = BF139849.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.425	1.355	1.329	1.331	1.267	1.302	6.5
Chrysene		1.325	1.244	1.234	1.167	1.134	1.194	6.5
Bis(2-ethylhexyl)phthalate		0.520	0.539	0.577	0.626	0.620	0.589	7.5
Di-n-octyl phthalate			0.786	0.930	1.135	1.182	1.071	16.1
Benzo(b)fluoranthene		1.317	1.240	1.319	1.196	1.105	1.218	7.1
Benzo(k)fluoranthene		1.213	1.177	0.992	1.066	1.030	1.051	10.4
Benzo(a)pyrene		1.030	1.024	1.018	1.025	0.974	1.002	3.1
Indeno(1,2,3-cd)pyrene		1.209	1.261	1.307	1.352	1.299	1.287	3.8
Dibenzo(a,h)anthracene		1.021	1.064	1.103	1.120	1.083	1.073	3.3
Benzo(g,h,i)perylene		1.030	1.046	1.090	1.128	1.081	1.072	3.4
1,2,4,5-Tetrachlorobenzene		0.609	0.579	0.562	0.537	0.512	0.540	8.7
1,4-Dioxane		0.651	0.625	0.603	0.591	0.571	0.596	5.7
2,3,4,6-Tetrachlorophenol		0.334	0.322	0.326	0.310	0.296	0.309	6.3
1-Methylnaphthalene		0.726	0.683	0.655	0.612	0.569	0.620	11.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102624 SAS No.: BF102624 SDG NO.: BF102624

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 11:06

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	181899	6.892	688880	8.18	379753	9.93
	UPPER LIMIT	363798	7.392	1377760	8.675	759506	10.427
	LOWER LIMIT	90949.5	6.392	344440	7.675	189876.5	9.427
	EPA SAMPLE NO.						
01	PB164401BL	125232	6.89	486243	8.17	274404	9.92
02	PB164401BS	133953	6.89	523078	8.17	286545	9.93
03	BP-F22	148551	6.89	578359	8.17	337498	9.92
04	BP-F22MS	149613	6.89	589034	8.18	335149	9.93
05	BP-F22MSD	158941	6.89	630402	8.18	353936	9.93
06	BP-F-20	147112	6.89	584008	8.17	342667	9.92
07	BP-F-20MS	141513	6.89	556548	8.17	317233	9.93
08	BP-F-20MSD	142054	6.89	561979	8.17	322249	9.93
09	BP-F23	146264	6.89	587173	8.17	338468	9.92
10	FOREST-ST-CO	137371	6.89	545971	8.17	313958	9.92
11	BP-B27	144888	6.89	567280	8.17	330727	9.92
12	WB-303-BOT	131530	6.89	508830	8.17	288932	9.92
13	WB-303-BOT	129197	6.89	476862	8.17	260201	9.93
14	B-180-SB02	140732	6.89	538776	8.17	296372	9.92
15	BP-F22	141607	6.89	572375	8.17	328755	9.92
16	TP-3	144092	6.89	564473	8.17	326209	9.92
17	BP-F23	148116	6.89	585581	8.17	337025	9.92
18	WB-303-TOP	142022	6.89	554829	8.17	315069	9.92
19	BP-F-21	148843	6.89	596055	8.17	343363	9.92
20	TP-3	143289	6.89	572773	8.17	315839	9.92
21	VNJ-215	156039	6.89	577867	8.17	266450	9.92
22	AU-06-10232024	144889	6.89	516739	8.17	237294	9.92
23	OR-03-102424	132962	6.89	469517	8.17	215959	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102624 SAS No.: BF102624 SDG NO.: BF102624

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 21:29

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	181899	6.892	688880	8.18	379753	9.93
UPPER LIMIT	363798	7.392	1377760	8.675	759506	10.427
LOWER LIMIT	90949.5	6.392	344440	7.675	189876.5	9.427
EPA SAMPLE NO.						

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.: BF102624 SAS No.: BF102624 SDG NO.: BF102624

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BF140050.D Time Analyzed: 11:06

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	128827	6.892	465620	8.18	252523	9.93
	UPPER LIMIT	257654	7.392	931240	8.675	505046	10.428
	LOWER LIMIT	64413.5	6.392	232810	7.675	126261.5	9.428
	EPA SAMPLE NO.						
01	PB164401BL	125232	6.89	486243	8.17	274404	9.92
02	PB164401BS	133953	6.89	523078	8.17	286545	9.93
03	BP-F22	148551	6.89	578359	8.17	337498	9.92
04	BP-F22MS	149613	6.89	589034	8.18	335149	9.93
05	BP-F22MSD	158941	6.89	630402	8.18	353936	9.93
06	BP-F-20	147112	6.89	584008	8.17	342667	9.92
07	BP-F-20MS	141513	6.89	556548	8.17	317233	9.93
08	BP-F-20MSD	142054	6.89	561979	8.17	322249	9.93
09	BP-F23	146264	6.89	587173	8.17	338468	9.92
10	FOREST-ST-CO	137371	6.89	545971	8.17	313958	9.92
11	BP-B27	144888	6.89	567280	8.17	330727	9.92
12	WB-303-BOT	131530	6.89	508830	8.17	288932	9.92
13	WB-303-BOT	129197	6.89	476862	8.17	260201	9.93
14	B-180-SB02	140732	6.89	538776	8.17	296372	9.92
15	BP-F22	141607	6.89	572375	8.17	328755	9.92
16	TP-3	144092	6.89	564473	8.17	326209	9.92
17	BP-F23	148116	6.89	585581	8.17	337025	9.92
18	WB-303-TOP	142022	6.89	554829	8.17	315069	9.92
19	BP-F-21	148843	6.89	596055	8.17	343363	9.92
20	TP-3	143289	6.89	572773	8.17	315839	9.92
21	VNJ-215	156039	6.89	577867	8.17	266450	9.92
22	AU-06-10232024	144889	6.89	516739	8.17	237294	9.92
23	OR-03-102424	132962	6.89	469517	8.17	215959	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102624 SAS No.: BF102624 SDG NO.: BF102624

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BF140050.D Time Analyzed: 21:29

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	128827	6.892	465620	8.18	252523	9.93
UPPER LIMIT	257654	7.392	931240	8.675	505046	10.428
LOWER LIMIT	64413.5	6.392	232810	7.675	126261.5	9.428
EPA SAMPLE NO.						

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.: BF102624 SAS No.: BF102624 SDG NO.: BF102624

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 11:06

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	663459	11.416	345800	14.051	365076	15.527
	UPPER LIMIT	1326918	11.916	691600	14.551	730152	16.027
	LOWER LIMIT	331729.5	10.916	172900	13.551	182538	15.027
	EPA SAMPLE NO.						
01	PB164401BL	492863	11.41	300716	14.05	248143	15.53
02	PB164401BS	514956	11.42	290190	14.06	270508	15.53
03	BP-F22	595929	11.41	289351	14.05	299372	15.53
04	BP-F22MS	594611	11.42	282495	14.06	312725	15.53
05	BP-F22MSD	608132	11.42	290348	14.05	321487	15.53
06	BP-F-20	606568	11.41	287964	14.05	309365	15.53
07	BP-F-20MS	543034	11.42	260710	14.05	285198	15.53
08	BP-F-20MSD	559748	11.42	268566	14.05	301700	15.53
09	BP-F23	585149	11.41	260651	14.05	282248	15.53
10	FOREST-ST-CO	546322	11.41	255275	14.05	279095	15.53
11	BP-B27	578955	11.41	272277	14.05	288234	15.53
12	WB-303-BOT	511533	11.41	241710	14.05	244924	15.53
13	WB-303-BOT	444743	11.41	217594	14.05	237376	15.53
14	B-180-SB02	470615	11.41	239328	14.05	267329	15.53
15	BP-F22	553396	11.41	268990	14.05	282837	15.53
16	TP-3	557096	11.41	274861	14.05	292959	15.53
17	BP-F23	579318	11.41	283108	14.05	298816	15.53
18	WB-303-TOP	502958	11.41	252281	14.05	282696	15.53
19	BP-F-21	568427	11.41	274542	14.05	300909	15.53
20	TP-3	493648	11.41	255382	14.05	270585	15.53
21	VNJ-215	350786	11.42	266263	14.05	210921	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102624 SAS No.: BF102624 SDG NO.: BF102624

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 21:01

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	663459	11.416	345800	14.051	365076	15.527
UPPER LIMIT	1326918	11.916	691600	14.551	730152	16.027
LOWER LIMIT	331729.5	10.916	172900	13.551	182538	15.027
EPA SAMPLE NO.						
22 AU-06-10232024	355263	11.41	240852	14.05	186217	15.53
23 OR-03-102424	339379	11.41	217705	14.05	176277 *	15.53

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.: BF102624 SAS No.: BF102624 SDG NO.: BF102624

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BF140050.D Time Analyzed: 11:06

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	452033	11.416	241717	14.051	235878	15.533
	UPPER LIMIT	904066	11.916	483434	14.551	471756	16.033
	LOWER LIMIT	226016.5	10.916	120858.5	13.551	117939	15.033
	EPA SAMPLE NO.						
01	PB164401BL	492863	11.41	300716	14.05	248143	15.53
02	PB164401BS	514956	11.42	290190	14.06	270508	15.53
03	BP-F22	595929	11.41	289351	14.05	299372	15.53
04	BP-F22MS	594611	11.42	282495	14.06	312725	15.53
05	BP-F22MSD	608132	11.42	290348	14.05	321487	15.53
06	BP-F-20	606568	11.41	287964	14.05	309365	15.53
07	BP-F-20MS	543034	11.42	260710	14.05	285198	15.53
08	BP-F-20MSD	559748	11.42	268566	14.05	301700	15.53
09	BP-F23	585149	11.41	260651	14.05	282248	15.53
10	FOREST-ST-CO	546322	11.41	255275	14.05	279095	15.53
11	BP-B27	578955	11.41	272277	14.05	288234	15.53
12	WB-303-BOT	511533	11.41	241710	14.05	244924	15.53
13	WB-303-BOT	444743	11.41	217594	14.05	237376	15.53
14	B-180-SB02	470615	11.41	239328	14.05	267329	15.53
15	BP-F22	553396	11.41	268990	14.05	282837	15.53
16	TP-3	557096	11.41	274861	14.05	292959	15.53
17	BP-F23	579318	11.41	283108	14.05	298816	15.53
18	WB-303-TOP	502958	11.41	252281	14.05	282696	15.53
19	BP-F-21	568427	11.41	274542	14.05	300909	15.53
20	TP-3	493648	11.41	255382	14.05	270585	15.53
21	VNJ-215	350786	11.42	266263	14.05	210921	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102624 SAS No.: BF102624 SDG NO.: BF102624

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 26 2024 12:00AM

Lab File ID: BF140050.D Time Analyzed: 21:01

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	452033	11.416	241717	14.051	235878	15.533
UPPER LIMIT	904066	11.916	483434	14.551	471756	16.033
LOWER LIMIT	226016.5	10.916	120858.5	13.551	117939	15.033
EPA SAMPLE NO.						
22 AU-06-10232024	355263	11.41	240852	14.05	186217	15.53
23 OR-03-102424	339379	11.41	217705	14.05	176277	15.53

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.: **BF102624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164401BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1300	ug/Kg	76				28	98	
	Benzaldehyde	1700	450	ug/Kg	26				10	133	
	Aniline	1700	1200	ug/Kg	71				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				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	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1300	ug/Kg	76				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	580	ug/Kg	34				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	23900	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3600	ug/Kg	109				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164401BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3200	ug/Kg	94				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	2000	ug/Kg	118		*		76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	1600	ug/Kg	48				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1300	ug/Kg	76				52	137	
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WB-303-BOT

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102624

SAS No.: BF102624 SDG NO.: BF102624

Lab File ID: BF140063.D

Lab Sample ID: P4460-03

Instrument ID: BNA_F

Date Extracted: 10/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/26/2024

Level: (low/med) LOW

Time Analyzed: 16:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WB-303-BOT	P4460-03	BF140063.D	10/26/2024
WB-303-TOP	P4460-02	BF140068.D	10/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

B-180-SB02

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102624

SAS No.: BF102624 SDG NO.: BF102624

Lab File ID: BF140064.D

Lab Sample ID: P4471-02

Instrument ID: BNA_F

Date Extracted: 10/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/26/2024

Level: (low/med) LOW

Time Analyzed: 17:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-180-SB02	P4471-02	BF140064.D	10/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WB-303-BOT

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102624

SAS No.: BF102624 SDG NO.: BF102624

Lab File ID: BF140062.D

Lab Sample ID: P4460-04

Instrument ID: BNA_F

Date Extracted: 10/22/2024

Matrix: (soil/water) water

Date Analyzed: 10/26/2024

Level: (low/med) LOW

Time Analyzed: 16:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WB-303-BOT	P4460-04	BF140062.D	10/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

AU-06-10232024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102624

SAS No.: BF102624 SDG NO.: BF102624

Lab File ID: BF140072.D

Lab Sample ID: P4509-01

Instrument ID: BNA_F

Date Extracted: 10/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/26/2024

Level: (low/med) LOW

Time Analyzed: 21:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
AU-06-10232024	P4509-01	BF140072.D	10/26/2024
TP-3	P4508-01	BF140070.D	10/26/2024
BP-F22	P4508-09	BF140053.D	10/26/2024
BP-F22MS	P4508-09MS	BF140054.D	10/26/2024
BP-F22MSD	P4508-09MSD	BF140055.D	10/26/2024
BP-F23	P4508-05	BF140059.D	10/26/2024
FOREST-ST-CO	P4517-07	BF140060.D	10/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-B27

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102624

SAS No.: BF102624 SDG NO.: BF102624

Lab File ID: BF140061.D

Lab Sample ID: P4487-08

Instrument ID: BNA_F

Date Extracted: 10/24/2024

Matrix: (soil/water) water

Date Analyzed: 10/26/2024

Level: (low/med) LOW

Time Analyzed: 15:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-B27	P4487-08	BF140061.D	10/26/2024
BP-F22	P4508-12	BF140065.D	10/26/2024
TP-3	P4508-04	BF140066.D	10/26/2024
BP-F23	P4508-08	BF140067.D	10/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164401BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102624

SAS No.: BF102624 SDG NO.: BF102624

Lab File ID: BF140051.D

Lab Sample ID: PB164401BL

Instrument ID: BNA_F

Date Extracted: 10/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/26/2024

Level: (low/med) LOW

Time Analyzed: 11:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164401BS	PB164401BS	BF140052.D	10/26/2024
BP-F-20	P4547-05	BF140056.D	10/26/2024
BP-F-20MS	P4547-05MS	BF140057.D	10/26/2024
BP-F-20MSD	P4547-05MSD	BF140058.D	10/26/2024
VNJ-215	P4545-01	BF140071.D	10/26/2024
BP-F-21	P4547-01	BF140069.D	10/26/2024
OR-03-102424	P4531-01	BF140073.D	10/26/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4547-05MS		Client Sample ID: BP-F-20MS		DataFile: BF140057.D							
n-Nitrosodimethylamine	1200		940	ug/Kg	78				66	124	
Pyridine	1200		930	ug/Kg	78				45	119	
Benzaldehyde	1200		280	ug/Kg	23				10	86	
Aniline	1200		570	ug/Kg	48				10	88	
Phenol	1200		970	ug/Kg	81				67	126	
bis(2-Chloroethyl)ether	1200		940	ug/Kg	78				54	125	
2-Chlorophenol	1200		1000	ug/Kg	83				79	107	
1,2-Dichlorobenzene	1200		980	ug/Kg	82				61	105	
1,3-Dichlorobenzene	1200		930	ug/Kg	78				62	101	
1,4-Dichlorobenzene	1200		940	ug/Kg	78				63	104	
Benzyl Alcohol	1200		1000	ug/Kg	83				47	126	
2-Methylphenol	1200		970	ug/Kg	81				66	122	
2,2-oxybis(1-Chloropropane)	1200		910	ug/Kg	76				65	110	
Acetophenone	1200		920	ug/Kg	77				75	111	
3+4-Methylphenols	1200		940	ug/Kg	78				66	104	
N-Nitroso-di-n-propylamine	1200		950	ug/Kg	79				59	119	
Hexachloroethane	1200		960	ug/Kg	80				65	117	
Nitrobenzene	1200		930	ug/Kg	78				70	119	
Isophorone	1200		980	ug/Kg	82				76	122	
2-Nitrophenol	1200		1200	ug/Kg	100				54	145	
2,4-Dimethylphenol	1200		1100	ug/Kg	92				44	135	
bis(2-Chloroethoxy)methane	1200		950	ug/Kg	79				68	112	
2,4-Dichlorophenol	1200		990	ug/Kg	83				72	118	
1,2,4-Trichlorobenzene	1200		930	ug/Kg	78				57	103	
Benzoic acid	1200		890	ug/Kg	74				50	104	
Naphthalene	1200		940	ug/Kg	78				72	110	
4-Chloroaniline	1200		170	ug/Kg	14				10	91	
Hexachlorobutadiene	1200		960	ug/Kg	80				66	114	
Caprolactam	1200		990	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1200		990	ug/Kg	83				57	132	
2-Methylnaphthalene	1200		980	ug/Kg	82				59	123	
Hexachlorocyclopentadiene	2300		3100	ug/Kg	135				10	175	
2,4,6-Trichlorophenol	1200		1000	ug/Kg	83				72	117	
2,4,5-Trichlorophenol	1200		970	ug/Kg	81				72	117	
1,1-Biphenyl	1200		940	ug/Kg	78				75	113	
2-Chloronaphthalene	1200		940	ug/Kg	78				67	118	
2-Nitroaniline	1200		1100	ug/Kg	92				69	127	
Dimethylphthalate	1200		990	ug/Kg	83				70	113	
Acenaphthylene	1200		1000	ug/Kg	83				79	118	
2,6-Dinitrotoluene	1200		1000	ug/Kg	83				70	125	
3-Nitroaniline	1200		440	ug/Kg	37				30	99	
Acenaphthene	1200		1100	ug/Kg	92				70	121	
Total PAH	19200		15250	ug/Kg	79				70	121	
2,4-Dinitrophenol	2300		2300	ug/Kg	100				10	155	
4-Nitrophenol	2300		1900	ug/Kg	83				45	133	
Dibenzofuran	1200		950	ug/Kg	79				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102624

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	2400		2100	ug/Kg	88				55	128	
2,4-Dinitrotoluene	1200		1100	ug/Kg	92				55	128	
Diethylphthalate	1200		980	ug/Kg	82				70	112	
4-Chlorophenyl-phenylether	1200		970	ug/Kg	81				71	108	
Fluorene	1200		940	ug/Kg	78				68	116	
4-Nitroaniline	1200		970	ug/Kg	81				55	120	
4,6-Dinitro-2-methylphenol	1200		1400	ug/Kg	117				10	160	
N-Nitrosodiphenylamine	1200		980	ug/Kg	82				73	118	
Azobenzene	1200		1000	ug/Kg	83				73	110	
4-Bromophenyl-phenylether	1200		1000	ug/Kg	83				65	121	
Hexachlorobenzene	1200		980	ug/Kg	82				67	118	
Atrazine	1200		1200	ug/Kg	100				79	127	
Pentachlorophenol	2300		1900	ug/Kg	83				47	128	
Phenanthrene	1200		960	ug/Kg	80				52	128	
Anthracene	1200		1000	ug/Kg	83				62	124	
Carbazole	1200		910	ug/Kg	76				59	119	
Di-n-butylphthalate	1200		1000	ug/Kg	83				69	118	
Fluoranthene	1200		870	ug/Kg	73				44	125	
Benzydine	2300		1200	ug/Kg	52				10	119	
Pyrene	1200		970	ug/Kg	81				26	142	
Butylbenzylphthalate	1200		1300	ug/Kg	108				64	126	
3,3-Dichlorobenzidine	1200		520	ug/Kg	43				33	116	
Benzo(a)anthracene	1200		990	ug/Kg	83				71	114	
Chrysene	1200		950	ug/Kg	79				57	121	
bis(2-Ethylhexyl)phthalate	1200		1400	ug/Kg	117				42	169	
Di-n-octyl phthalate	1200		1200	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1200		920	ug/Kg	77				67	121	
Benzo(k)fluoranthene	1200		1000	ug/Kg	83				57	134	
Benzo(a)pyrene	1200		1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200		880	ug/Kg	73				40	129	
Dibenz(a,h)anthracene	1200		890	ug/Kg	74				43	123	
Benzo(g,h,i)perylene	1200		740	ug/Kg	62				24	125	
1,2,4,5-Tetrachlorobenzene	1200		960	ug/Kg	80				69	124	
1,4-Dioxane	1200		890	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1200		1000	ug/Kg	83				69	112	
1-Methylnaphthalene	1200		930	ug/Kg	78				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4547-05MSD	Client Sample ID:	BP-F-20MSD					DataFile:	BF140058.D		
n-Nitrosodimethylamine	1200		900	ug/Kg	75		4		66	124	20
Pyridine	1200		880	ug/Kg	73		7		45	119	20
Benzaldehyde	1200		280	ug/Kg	23		0		10	86	20
Aniline	1200		580	ug/Kg	48		0		10	88	20
Phenol	1200		990	ug/Kg	83		2		67	126	20
bis(2-Chloroethyl)ether	1200		970	ug/Kg	81		4		54	125	20
2-Chlorophenol	1200		1000	ug/Kg	83		0		79	107	20
1,2-Dichlorobenzene	1200		980	ug/Kg	82		0		61	105	20
1,3-Dichlorobenzene	1200		950	ug/Kg	79		1		62	101	20
1,4-Dichlorobenzene	1200		970	ug/Kg	81		4		63	104	20
Benzyl Alcohol	1200		1000	ug/Kg	83		0		47	126	20
2-Methylphenol	1200		990	ug/Kg	83		2		66	122	20
2,2-oxybis(1-Chloropropane)	1200		920	ug/Kg	77		1		65	110	20
Acetophenone	1200		930	ug/Kg	78		1		75	111	20
3+4-Methylphenols	1200		960	ug/Kg	80		3		66	104	20
N-Nitroso-di-n-propylamine	1200		960	ug/Kg	80		1		59	119	20
Hexachloroethane	1200		970	ug/Kg	81		1		65	117	20
Nitrobenzene	1200		940	ug/Kg	78		0		70	119	20
Isophorone	1200		990	ug/Kg	83		1		76	122	20
2-Nitrophenol	1200		1200	ug/Kg	100		0		54	145	20
2,4-Dimethylphenol	1200		1100	ug/Kg	92		0		44	135	20
bis(2-Chloroethoxy)methane	1200		970	ug/Kg	81		3		68	112	20
2,4-Dichlorophenol	1200		990	ug/Kg	83		0		72	118	20
1,2,4-Trichlorobenzene	1200		930	ug/Kg	78		0		57	103	20
Benzoic acid	1200		900	ug/Kg	75		1		50	104	20
Naphthalene	1200		950	ug/Kg	79		1		72	110	20
4-Chloroaniline	1200		170	ug/Kg	14		0		10	91	20
Hexachlorobutadiene	1200		990	ug/Kg	83		4		66	114	20
Caprolactam	1200		1000	ug/Kg	83		0		51	134	20
4-Chloro-3-methylphenol	1200		1000	ug/Kg	83		0		57	132	20
2-Methylnaphthalene	1200		980	ug/Kg	82		0		59	123	20
Hexachlorocyclopentadiene	2300		3100	ug/Kg	135		0		10	175	20
2,4,6-Trichlorophenol	1200		1000	ug/Kg	83		0		72	117	20
2,4,5-Trichlorophenol	1200		990	ug/Kg	83		2		72	117	20
1,1-Biphenyl	1200		950	ug/Kg	79		1		75	113	20
2-Chloronaphthalene	1200		940	ug/Kg	78		0		67	118	20
2-Nitroaniline	1200		1100	ug/Kg	92		0		69	127	20
Dimethylphthalate	1200		1000	ug/Kg	83		0		70	113	20
Acenaphthylene	1200		1000	ug/Kg	83		0		79	118	20
2,6-Dinitrotoluene	1200		1000	ug/Kg	83		0		70	125	20
3-Nitroaniline	1200		450	ug/Kg	38		3		30	99	20
Acenaphthene	1200		1100	ug/Kg	92		0		70	121	20
Total PAH	19200		15350	ug/Kg	80		1		70	121	20
2,4-Dinitrophenol	2300		2400	ug/Kg	104		4		10	155	20
4-Nitrophenol	2300		2000	ug/Kg	87		5		45	133	20
Dibenzofuran	1200		980	ug/Kg	82		4		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102624

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	2400		2100	ug/Kg	88		0		55	128	20
2,4-Dinitrotoluene	1200		1100	ug/Kg	92		0		55	128	20
Diethylphthalate	1200		990	ug/Kg	83		1		70	112	20
4-Chlorophenyl-phenylether	1200		980	ug/Kg	82		1		71	108	20
Fluorene	1200		950	ug/Kg	79		1		68	116	20
4-Nitroaniline	1200		1000	ug/Kg	83		2		55	120	20
4,6-Dinitro-2-methylphenol	1200		1400	ug/Kg	117		0		10	160	20
N-Nitrosodiphenylamine	1200		990	ug/Kg	83		1		73	118	20
Azobenzene	1200		1000	ug/Kg	83		0		73	110	20
4-Bromophenyl-phenylether	1200		1000	ug/Kg	83		0		65	121	20
Hexachlorobenzene	1200		990	ug/Kg	83		1		67	118	20
Atrazine	1200		1200	ug/Kg	100		0		79	127	20
Pentachlorophenol	2300		1900	ug/Kg	83		0		47	128	20
Phenanthrene	1200		970	ug/Kg	81		1		52	128	20
Anthracene	1200		1000	ug/Kg	83		0		62	124	20
Carbazole	1200		910	ug/Kg	76		0		59	119	20
Di-n-butylphthalate	1200		1000	ug/Kg	83		0		69	118	20
Fluoranthene	1200		890	ug/Kg	74		1		44	125	20
Benzydine	2300		1300	ug/Kg	57		9		10	119	20
Pyrene	1200		980	ug/Kg	82		1		26	142	20
Butylbenzylphthalate	1200		1300	ug/Kg	108		0		64	126	20
3,3-Dichlorobenzidine	1200		530	ug/Kg	44		2		33	116	20
Benzo(a)anthracene	1200		1000	ug/Kg	83		0		71	114	20
Chrysene	1200		970	ug/Kg	81		3		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1500	ug/Kg	125		7		42	169	20
Di-n-octyl phthalate	1200		1300	ug/Kg	108		8		23	175	20
Benzo(b)fluoranthene	1200		920	ug/Kg	77		0		67	121	20
Benzo(k)fluoranthene	1200		1000	ug/Kg	83		0		57	134	20
Benzo(a)pyrene	1200		1100	ug/Kg	92		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200		890	ug/Kg	74		1		40	129	20
Dibenz(a,h)anthracene	1200		890	ug/Kg	74		0		43	123	20
Benzo(g,h,i)perylene	1200		740	ug/Kg	62		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1200		960	ug/Kg	80		0		69	124	20
1,4-Dioxane	1200		860	ug/Kg	72		3		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1000	ug/Kg	83		0		69	112	20
1-Methylnaphthalene	1200		940	ug/Kg	78		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4508-09MS		Client Sample ID: BP-F22MS		DataFile: BF140054.D							
n-Nitrosodimethylamine	1100		930	ug/Kg	85				66	124	
Pyridine	1100		910	ug/Kg	83				45	119	
Benzaldehyde	1100		290	ug/Kg	26				10	86	
Aniline	1100		570	ug/Kg	52				10	88	
Phenol	1100		950	ug/Kg	86				67	126	
bis(2-Chloroethyl)ether	1100		940	ug/Kg	85				54	125	
2-Chlorophenol	1100		1000	ug/Kg	91				79	107	
1,2-Dichlorobenzene	1100		970	ug/Kg	88				61	105	
1,3-Dichlorobenzene	1100		920	ug/Kg	84				62	101	
1,4-Dichlorobenzene	1100		940	ug/Kg	85				63	104	
Benzyl Alcohol	1100		1000	ug/Kg	91				47	126	
2-Methylphenol	1100		970	ug/Kg	88				66	122	
2,2-oxybis(1-Chloropropane)	1100		900	ug/Kg	82				65	110	
Acetophenone	1100		920	ug/Kg	84				75	111	
3+4-Methylphenols	1100		920	ug/Kg	84				66	104	
N-Nitroso-di-n-propylamine	1100		960	ug/Kg	87				59	119	
Hexachloroethane	1100		960	ug/Kg	87				65	117	
Nitrobenzene	1100		910	ug/Kg	83				70	119	
Isophorone	1100		970	ug/Kg	88				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1100	ug/Kg	100				44	135	
bis(2-Chloroethoxy)methane	1100		950	ug/Kg	86				68	112	
2,4-Dichlorophenol	1100		980	ug/Kg	89				72	118	
1,2,4-Trichlorobenzene	1100		910	ug/Kg	83				57	103	
Benzoic acid	1100		890	ug/Kg	81				50	104	
Naphthalene	1100		920	ug/Kg	84				72	110	
4-Chloroaniline	1100		170	ug/Kg	15				10	91	
Hexachlorobutadiene	1100		950	ug/Kg	86				66	114	
Caprolactam	1100		980	ug/Kg	89				51	134	
4-Chloro-3-methylphenol	1100		990	ug/Kg	90				57	132	
2-Methylnaphthalene	1100		970	ug/Kg	88				59	123	
Hexachlorocyclopentadiene	2200		3100	ug/Kg	141				10	175	
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
2,4,5-Trichlorophenol	1100		970	ug/Kg	88				72	117	
1,1-Biphenyl	1100		940	ug/Kg	85				75	113	
2-Chloronaphthalene	1100		930	ug/Kg	85				67	118	
2-Nitroaniline	1100		1000	ug/Kg	91				69	127	
Dimethylphthalate	1100		1000	ug/Kg	91				70	113	
Acenaphthylene	1100		1000	ug/Kg	91				79	118	
2,6-Dinitrotoluene	1100		1000	ug/Kg	91				70	125	
3-Nitroaniline	1100		460	ug/Kg	42				30	99	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		15460	ug/Kg	88				70	121	
2,4-Dinitrophenol	2200		2400	ug/Kg	109				10	155	
4-Nitrophenol	2200		2100	ug/Kg	95				45	133	
Dibenzofuran	1100		960	ug/Kg	87				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102624

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		2100	ug/Kg	95				55	128	
Diethylphthalate	1100		990	ug/Kg	90				70	112	
4-Chlorophenyl-phenylether	1100		980	ug/Kg	89				71	108	
Fluorene	1100		950	ug/Kg	86				68	116	
4-Nitroaniline	1100		1000	ug/Kg	91				55	120	
4,6-Dinitro-2-methylphenol	1100		1400	ug/Kg	127				10	160	
N-Nitrosodiphenylamine	1100		960	ug/Kg	87				73	118	
Azobenzene	1100		1000	ug/Kg	91				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		980	ug/Kg	89				67	118	
Atrazine	1100		1200	ug/Kg	109				79	127	
Pentachlorophenol	2200		1900	ug/Kg	86				47	128	
Phenanthrene	1100		970	ug/Kg	88				52	128	
Anthracene	1100		990	ug/Kg	90				62	124	
Carbazole	1100		930	ug/Kg	85				59	119	
Di-n-butylphthalate	1100		1000	ug/Kg	91				69	118	
Fluoranthene	1100		890	ug/Kg	81				44	125	
Benzydine	2200		1100	ug/Kg	50				10	119	
Pyrene	1100		1000	ug/Kg	91				26	142	
Butylbenzylphthalate	1100		1300	ug/Kg	118				64	126	
3,3-Dichlorobenzidine	1100		540	ug/Kg	49				33	116	
Benzo(a)anthracene	1100		1000	ug/Kg	91				71	114	
Chrysene	1100		990	ug/Kg	90				57	121	
bis(2-Ethylhexyl)phthalate	1100		1500	ug/Kg	136				42	169	
Di-n-octyl phthalate	1100		1300	ug/Kg	118				23	175	
Benzo(b)fluoranthene	1100		890	ug/Kg	81				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				57	134	
Benzo(a)pyrene	1100		1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100		900	ug/Kg	82				40	129	
Dibenz(a,h)anthracene	1100		900	ug/Kg	82				43	123	
Benzo(g,h,i)perylene	1100		760	ug/Kg	69				24	125	
1,2,4,5-Tetrachlorobenzene	1100		950	ug/Kg	86				69	124	
1,4-Dioxane	1100		890	ug/Kg	81				46	112	
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91				69	112	
1-Methylnaphthalene	1100		920	ug/Kg	84				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4508-09MSD		Client Sample ID: BP-F22MSD		DataFile: BF140055.D							
n-Nitrosodimethylamine	1100		880	ug/Kg	80		6		66	124	20
Pyridine	1100		880	ug/Kg	80		4		45	119	20
Benzaldehyde	1100		280	ug/Kg	25		4		10	86	20
Aniline	1100		580	ug/Kg	53		2		10	88	20
Phenol	1100		950	ug/Kg	86		0		67	126	20
bis(2-Chloroethyl)ether	1100		950	ug/Kg	86		1		54	125	20
2-Chlorophenol	1100		990	ug/Kg	90		1		79	107	20
1,2-Dichlorobenzene	1100		960	ug/Kg	87		1		61	105	20
1,3-Dichlorobenzene	1100		930	ug/Kg	85		1		62	101	20
1,4-Dichlorobenzene	1100		940	ug/Kg	85		0		63	104	20
Benzyl Alcohol	1100		1000	ug/Kg	91		0		47	126	20
2-Methylphenol	1100		980	ug/Kg	89		1		66	122	20
2,2-oxybis(1-Chloropropane)	1100		910	ug/Kg	83		1		65	110	20
Acetophenone	1100		920	ug/Kg	84		0		75	111	20
3+4-Methylphenols	1100		930	ug/Kg	85		1		66	104	20
N-Nitroso-di-n-propylamine	1100		960	ug/Kg	87		0		59	119	20
Hexachloroethane	1100		950	ug/Kg	86		1		65	117	20
Nitrobenzene	1100		920	ug/Kg	84		1		70	119	20
Isophorone	1100		980	ug/Kg	89		1		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		0		54	145	20
2,4-Dimethylphenol	1100		1100	ug/Kg	100		0		44	135	20
bis(2-Chloroethoxy)methane	1100		960	ug/Kg	87		1		68	112	20
2,4-Dichlorophenol	1100		990	ug/Kg	90		1		72	118	20
1,2,4-Trichlorobenzene	1100		920	ug/Kg	84		1		57	103	20
Benzoic acid	1100		920	ug/Kg	84		4		50	104	20
Naphthalene	1100		930	ug/Kg	85		1		72	110	20
4-Chloroaniline	1100		180	ug/Kg	16		6		10	91	20
Hexachlorobutadiene	1100		940	ug/Kg	85		1		66	114	20
Caprolactam	1100		990	ug/Kg	90		1		51	134	20
4-Chloro-3-methylphenol	1100		980	ug/Kg	89		1		57	132	20
2-Methylnaphthalene	1100		960	ug/Kg	87		1		59	123	20
Hexachlorocyclopentadiene	2200		3000	ug/Kg	136		4		10	175	20
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91		0		72	117	20
2,4,5-Trichlorophenol	1100		990	ug/Kg	90		2		72	117	20
1,1-Biphenyl	1100		940	ug/Kg	85		0		75	113	20
2-Chloronaphthalene	1100		930	ug/Kg	85		0		67	118	20
2-Nitroaniline	1100		1000	ug/Kg	91		0		69	127	20
Dimethylphthalate	1100		990	ug/Kg	90		1		70	113	20
Acenaphthylene	1100		1000	ug/Kg	91		0		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		0		70	125	20
3-Nitroaniline	1100		450	ug/Kg	41		2		30	99	20
Acenaphthene	1100		1100	ug/Kg	100		0		70	121	20
Total PAH	17600		15410	ug/Kg	88		0		70	121	20
2,4-Dinitrophenol	2200		2400	ug/Kg	109		0		10	155	20
4-Nitrophenol	2200		2000	ug/Kg	91		4		45	133	20
Dibenzofuran	1100		940	ug/Kg	85		2		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102624

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		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95		0		55	128	20
Diethylphthalate	1100		970	ug/Kg	88		2		70	112	20
4-Chlorophenyl-phenylether	1100		950	ug/Kg	86		3		71	108	20
Fluorene	1100		940	ug/Kg	85		1		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		0		55	120	20
4,6-Dinitro-2-methylphenol	1100		1400	ug/Kg	127		0		10	160	20
N-Nitrosodiphenylamine	1100		970	ug/Kg	88		1		73	118	20
Azobenzene	1100		990	ug/Kg	90		1		73	110	20
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91		0		65	121	20
Hexachlorobenzene	1100		990	ug/Kg	90		1		67	118	20
Atrazine	1100		1200	ug/Kg	109		0		79	127	20
Pentachlorophenol	2200		1900	ug/Kg	86		0		47	128	20
Phenanthrene	1100		960	ug/Kg	87		1		52	128	20
Anthracene	1100		1000	ug/Kg	91		1		62	124	20
Carbazole	1100		910	ug/Kg	83		2		59	119	20
Di-n-butylphthalate	1100		1000	ug/Kg	91		0		69	118	20
Fluoranthene	1100		880	ug/Kg	80		1		44	125	20
Benzydine	2200		1100	ug/Kg	50		0		10	119	20
Pyrene	1100		980	ug/Kg	89		2		26	142	20
Butylbenzylphthalate	1100		1300	ug/Kg	118		0		64	126	20
3,3-Dichlorobenzidine	1100		550	ug/Kg	50		2		33	116	20
Benzo(a)anthracene	1100		1000	ug/Kg	91		0		71	114	20
Chrysene	1100		990	ug/Kg	90		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1500	ug/Kg	136		0		42	169	20
Di-n-octyl phthalate	1100		1300	ug/Kg	118		0		23	175	20
Benzo(b)fluoranthene	1100		920	ug/Kg	84		4		67	121	20
Benzo(k)fluoranthene	1100		1000	ug/Kg	91		9		57	134	20
Benzo(a)pyrene	1100		1100	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		920	ug/Kg	84		2		40	129	20
Dibenz(a,h)anthracene	1100		920	ug/Kg	84		2		43	123	20
Benzo(g,h,i)perylene	1100		770	ug/Kg	70		1		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		950	ug/Kg	86		0		69	124	20
1,4-Dioxane	1100		850	ug/Kg	77		5		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91		0		69	112	20
1-Methylnaphthalene	1100		910	ug/Kg	83		1		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF102624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4460-02	WB-303-TOP	BF140068.D	2-Fluorophenol	150	83.96	56		18	112
			Phenol-d6	150	82.93	55		15	107
			Nitrobenzene-d5	100	59.59	60		18	107
			2-Fluorobiphenyl	100	55.12	55		20	109
			2,4,6-Tribromophenol	150	82.22	55		10	116
			Terphenyl-d14	100	54.12	54		10	105
P4460-03	WB-303-BOT	BF140063.D	2-Fluorophenol	150	127.19	85		18	112
			Phenol-d6	150	126.26	84		15	107
			Nitrobenzene-d5	100	101.27	101		18	107
			2-Fluorobiphenyl	100	93.64	94		20	109
			2,4,6-Tribromophenol	150	143.22	95		10	116
			Terphenyl-d14	100	100.53	101		10	105

Surrogate Summary

SW-846

SDG No.: BF102624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4471-02	B-180-SB02	BF140064.D	2-Fluorophenol	150	83.99	56		18	112
			Phenol-d6	150	81.77	55		15	107
			Nitrobenzene-d5	100	67.22	67		18	107
			2-Fluorobiphenyl	100	52.10	52		20	109
			2,4,6-Tribromophenol	150	83.05	55		10	116
			Terphenyl-d14	100	41.00	41		10	105

Surrogate Summary

SW-846

SDG No.: BF102624

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4460-04	WB-303-BOT	BF140062.D	2-Fluorophenol	150	136.35	91		10	139
			Phenol-d6	150	124.12	83		10	134
			Nitrobenzene-d5	100	114.23	114		49	133
			2-Fluorobiphenyl	100	105.63	106		52	132
			2,4,6-Tribromophenol	150	178.25	119		44	137
			Terphenyl-d14	100	126.45	126	*	48	125

Surrogate Summary

SW-846

SDG No.: **BF102624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4508-01	TP-3	BF140070.D	2-Fluorophenol	150	78.00	52		18	112
			Phenol-d6	150	77.66	52		15	107
			Nitrobenzene-d5	100	58.43	58		18	107
			2-Fluorobiphenyl	100	57.60	58		20	109
			2,4,6-Tribromophenol	150	74.31	50		10	116
			Terphenyl-d14	100	51.22	51		10	105
P4508-05	BP-F23	BF140059.D	2-Fluorophenol	150	75.54	50		18	112
			Phenol-d6	150	76.03	51		15	107
			Nitrobenzene-d5	100	55.47	55		18	107
			2-Fluorobiphenyl	100	55.02	55		20	109
			2,4,6-Tribromophenol	150	81.73	54		10	116
			Terphenyl-d14	100	63.80	64		10	105
P4508-09	BP-F22	BF140053.D	2-Fluorophenol	150	100.57	67		18	112
			Phenol-d6	150	100.16	67		15	107
			Nitrobenzene-d5	100	74.83	75		18	107
			2-Fluorobiphenyl	100	67.37	67		20	109
			2,4,6-Tribromophenol	150	119.36	80		10	116
			Terphenyl-d14	100	77.86	78		10	105
P4508-09MS	BP-F22MS	BF140054.D	2-Fluorophenol	150	93.10	62		18	112
			Phenol-d6	150	91.84	61		15	107
			Nitrobenzene-d5	100	67.70	68		18	107
			2-Fluorobiphenyl	100	61.93	62		20	109
			2,4,6-Tribromophenol	150	109.89	73		10	116
			Terphenyl-d14	100	71.60	72		10	105
P4508-09MSD	BP-F22MSD	BF140055.D	2-Fluorophenol	150	91.45	61		18	112
			Phenol-d6	150	91.75	61		15	107
			Nitrobenzene-d5	100	67.20	67		18	107
			2-Fluorobiphenyl	100	62.02	62		20	109
			2,4,6-Tribromophenol	150	108.67	72		10	116
			Terphenyl-d14	100	70.43	70		10	105
P4509-01	AU-06-10232024	BF140072.D	2-Fluorophenol	150	61.26	41		18	112
			Phenol-d6	150	57.79	39		15	107
			Nitrobenzene-d5	100	47.39	47		18	107
			2-Fluorobiphenyl	100	54.25	54		20	109
			2,4,6-Tribromophenol	150	55.65	37		10	116
			Terphenyl-d14	100	43.89	44		10	105
P4517-07	FOREST-ST-CO	BF140060.D	2-Fluorophenol	150	41.16	27		18	112
			Phenol-d6	150	51.54	34		15	107
			Nitrobenzene-d5	100	45.75	46		18	107
			2-Fluorobiphenyl	100	47.14	47		20	109
			2,4,6-Tribromophenol	150	30.85	21		10	116
			Terphenyl-d14	100	53.34	53		10	105

Surrogate Summary

SW-846

SDG No.: **BF102624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4487-08	BP-B27	BF140061.D	2-Fluorophenol	150	113.20	75		10	139
			Phenol-d6	150	102.77	69		10	134
			Nitrobenzene-d5	100	91.20	91		49	133
			2-Fluorobiphenyl	100	84.53	85		52	132
			2,4,6-Tribromophenol	150	139.61	93		44	137
			Terphenyl-d14	100	101.47	101		48	125
P4508-04	TP-3	BF140066.D	2-Fluorophenol	150	92.92	62		10	139
			Phenol-d6	150	84.42	56		10	134
			Nitrobenzene-d5	100	78.22	78		49	133
			2-Fluorobiphenyl	100	74.74	75		52	132
			2,4,6-Tribromophenol	150	119.91	80		44	137
			Terphenyl-d14	100	75.93	76		48	125
P4508-08	BP-F23	BF140067.D	2-Fluorophenol	150	105.71	70		10	139
			Phenol-d6	150	96.21	64		10	134
			Nitrobenzene-d5	100	85.59	86		49	133
			2-Fluorobiphenyl	100	81.53	82		52	132
			2,4,6-Tribromophenol	150	132.34	88		44	137
			Terphenyl-d14	100	90.08	90		48	125
P4508-12	BP-F22	BF140065.D	2-Fluorophenol	150	96.18	64		10	139
			Phenol-d6	150	88.03	59		10	134
			Nitrobenzene-d5	100	76.42	76		49	133
			2-Fluorobiphenyl	100	73.74	74		52	132
			2,4,6-Tribromophenol	150	117.39	78		44	137
			Terphenyl-d14	100	82.96	83		48	125

Surrogate Summary

SW-846

SDG No.: **BF102624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4531-01	OR-03-102424	BF140073.D	2-Fluorophenol	150	77.51	52		18	112
			Phenol-d6	150	73.48	49		15	107
			Nitrobenzene-d5	100	57.28	57		18	107
			2-Fluorobiphenyl	100	67.23	67		20	109
			2,4,6-Tribromophenol	150	69.66	46		10	116
			Terphenyl-d14	100	57.56	58		10	105
P4545-01	VNJ-215	BF140071.D	2-Fluorophenol	150	59.37	40		18	112
			Phenol-d6	150	56.75	38		15	107
			Nitrobenzene-d5	100	44.79	45		18	107
			2-Fluorobiphenyl	100	51.10	51		20	109
			2,4,6-Tribromophenol	150	50.46	34		10	116
			Terphenyl-d14	100	37.11	37		10	105
P4547-01	BP-F-21	BF140069.D	2-Fluorophenol	150	68.99	46		18	112
			Phenol-d6	150	69.61	46		15	107
			Nitrobenzene-d5	100	51.16	51		18	107
			2-Fluorobiphenyl	100	48.97	49		20	109
			2,4,6-Tribromophenol	150	72.84	49		10	116
			Terphenyl-d14	100	51.68	52		10	105
P4547-05	BP-F-20	BF140056.D	2-Fluorophenol	150	90.19	60		18	112
			Phenol-d6	150	88.76	59		15	107
			Nitrobenzene-d5	100	64.82	65		18	107
			2-Fluorobiphenyl	100	60.00	60		20	109
			2,4,6-Tribromophenol	150	106.81	71		10	116
			Terphenyl-d14	100	70.71	71		10	105
P4547-05MS	BP-F-20MS	BF140057.D	2-Fluorophenol	150	90.77	61		18	112
			Phenol-d6	150	91.17	61		15	107
			Nitrobenzene-d5	100	66.37	66		18	107
			2-Fluorobiphenyl	100	61.48	61		20	109
			2,4,6-Tribromophenol	150	106.18	71		10	116
			Terphenyl-d14	100	68.67	69		10	105
P4547-05MSD	BP-F-20MSD	BF140058.D	2-Fluorophenol	150	90.85	61		18	112
			Phenol-d6	150	91.94	61		15	107
			Nitrobenzene-d5	100	66.49	66		18	107
			2-Fluorobiphenyl	100	61.55	62		20	109
			2,4,6-Tribromophenol	150	108.96	73		10	116
			Terphenyl-d14	100	70.43	70		10	105
PB164401BL	PB164401BL	BF140051.D	2-Fluorophenol	150	120.27	80		18	112
			Phenol-d6	150	116.23	77		15	107
			Nitrobenzene-d5	100	90.50	91		18	107
			2-Fluorobiphenyl	100	88.04	88		20	109
			2,4,6-Tribromophenol	150	134.34	90		10	116
			Terphenyl-d14	100	88.47	88		10	105
PB164401BS	PB164401BS	BF140052.D	2-Fluorophenol	150	115.34	77		18	112
			Phenol-d6	150	112.26	75		15	107
			Nitrobenzene-d5	100	85.73	86		18	107
			2-Fluorobiphenyl	100	83.85	84		20	109
			2,4,6-Tribromophenol	150	135.35	90		10	116
			Terphenyl-d14	100	87.87	88		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102624

Lab Code: CHEM

SAS No.: BF102624

SDG NO.: BF102624

Lab File ID: BF140049.D

DFTPP Injection Date: 10/26/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.1
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	38.1
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	47.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	93.5
443	15.0 - 24.0% of mass 442	18.1 (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	BF140050.D	10/26/2024	10:38
PB164401BL	PB164401BL	BF140051.D	10/26/2024	11:06
PB164401BS	PB164401BS	BF140052.D	10/26/2024	11:34
BP-F22	P4508-09	BF140053.D	10/26/2024	12:06
BP-F22MS	P4508-09MS	BF140054.D	10/26/2024	12:34
BP-F22MSD	P4508-09MSD	BF140055.D	10/26/2024	13:02
BP-F-20	P4547-05	BF140056.D	10/26/2024	13:30
BP-F-20MS	P4547-05MS	BF140057.D	10/26/2024	13:58
BP-F-20MSD	P4547-05MSD	BF140058.D	10/26/2024	14:27
BP-F23	P4508-05	BF140059.D	10/26/2024	14:55
FOREST-ST-CO	P4517-07	BF140060.D	10/26/2024	15:23
BP-B27	P4487-08	BF140061.D	10/26/2024	15:51
WB-303-BOT	P4460-04	BF140062.D	10/26/2024	16:20
WB-303-BOT	P4460-03	BF140063.D	10/26/2024	16:48
B-180-SB02	P4471-02	BF140064.D	10/26/2024	17:16
BP-F22	P4508-12	BF140065.D	10/26/2024	17:44
TP-3	P4508-04	BF140066.D	10/26/2024	18:12
BP-F23	P4508-08	BF140067.D	10/26/2024	18:40

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102624

Lab Code: CHEM

SAS No.: BF102624 SDG NO.: BF102624

Lab File ID: BF140049.D

DFTPP Injection Date: 10/26/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.1
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	38.1
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	47.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	93.5
443	15.0 - 24.0% of mass 442	18.1 (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
WB-303-TOP	P4460-02	BF140068.D	10/26/2024	19:09
BP-F-21	P4547-01	BF140069.D	10/26/2024	19:37
TP-3	P4508-01	BF140070.D	10/26/2024	20:05
VNJ-215	P4545-01	BF140071.D	10/26/2024	20:33
AU-06-10232024	P4509-01	BF140072.D	10/26/2024	21:01
OR-03-102424	P4531-01	BF140073.D	10/26/2024	21:29