

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102124 SAS No.: BF102124 SDG No.: BF102124

Instrument ID: BNA_F Calibration Date/Time: 10/21/2024 : 09:57

Lab File ID: BF139892.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	0.762		-3.909	
Pyridine	1.476	1.431		-3.049	
2-Fluorophenol	1.278	1.253		-1.956	
Benzaldehyde	0.931	0.814		-12.567	
Aniline	1.542	1.545		0.195	
Phenol-d6	1.655	1.618		-2.236	
Phenol	1.706	1.701		-0.293	20.0
bis(2-Chloroethyl) ether	1.319	1.298		-1.592	
2-Chlorophenol	1.306	1.302		-0.306	
1,2-Dichlorobenzene	1.398	1.394		-0.286	
1,3-Dichlorobenzene	1.499	1.503		0.267	
1,4-Dichlorobenzene	1.498	1.495		-0.2	20.0
Benzyl Alcohol	1.214	1.215		0.082	
2-Methylphenol	1.114	1.099		-1.346	
2,2-oxybis(1-Chloropropane)	2.248	2.201		-2.091	
Acetophenone	0.490	0.481		-1.837	
3+4-Methylphenols	1.424	1.398		-1.826	
n-Nitroso-di-n-propylamine	1.004	0.965	0.050	-3.884	
Nitrobenzene-d5	0.361	0.370		2.493	
Hexachloroethane	0.534	0.539		0.936	
Nitrobenzene	0.396	0.395		-0.253	
Isophorone	0.685	0.677		-1.168	
2-Nitrophenol	0.149	0.157		5.369	20.0
2,4-Dimethylphenol	0.249	0.243		-2.41	
bis(2-Chloroethoxy) methane	0.415	0.418		0.723	
2,4-Dichlorophenol	0.283	0.286		1.06	20.0
1,2,4-Trichlorobenzene	0.314	0.317		0.955	
Benzoic acid	0.217	0.222		2.304	
Naphthalene	1.031	1.026		-0.485	
4-Chloroaniline	0.352	0.354		0.568	
Hexachlorobutadiene	0.197	0.202		2.538	20.0
Caprolactam	0.090	0.085		-5.556	
4-Chloro-3-methylphenol	0.314	0.311		-0.955	20.0
2-Methylnaphthalene	0.632	0.627		-0.791	
Hexachlorocyclopentadiene	0.188	0.209	0.050	11.17	
2,4,6-Trichlorophenol	0.382	0.378		-1.047	20.0
2-Fluorobiphenyl	1.210	1.182		-2.314	
2,4,5-Trichlorophenol	0.394	0.415		5.33	
1,1-Biphenyl	1.392	1.400		0.575	

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Lab File ID: BF139892.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	1.125		0.357	
2-Nitroaniline	0.343	0.354		3.207	
Dimethylphthalate	1.246	1.237		-0.722	
Acenaphthylene	1.621	1.614		-0.432	
2,6-Dinitrotoluene	0.270	0.275		1.852	
3-Nitroaniline	0.278	0.282		1.439	
Acenaphthene	1.049	1.050		0.095	20.0
2,4-Dinitrophenol	0.093	0.104	0.050	11.828	
4-Nitrophenol	0.214	0.218	0.050	1.869	
Dibenzofuran	1.505	1.506		0.066	
2,4-Dinitrotoluene	0.332	0.343		3.313	
Diethylphthalate	1.223	1.206		-1.39	
4-Chlorophenyl-phenylether	0.579	0.575		-0.691	
Fluorene	1.146	1.118		-2.443	
4-Nitroaniline	0.263	0.269		2.281	
4,6-Dinitro-2-methylphenol	0.082	0.091		10.976	
n-Nitrosodiphenylamine	0.599	0.601		0.334	20.0
Azobenzene	1.297	1.265		-2.467	
2,4,6-Tribromophenol	0.187	0.195		4.278	
4-Bromophenyl-phenylether	0.206	0.215		4.369	
Hexachlorobenzene	0.232	0.240		3.448	
Atrazine	0.162	0.162		0.0	
Pentachlorophenol	0.141	0.155		9.929	20.0
Phenanthrene	0.945	0.931		-1.481	
Anthracene	0.922	0.920		-0.217	
Carbazole	0.857	0.827		-3.501	
Di-n-butylphthalate	0.990	0.946		-4.444	
Fluoranthene	0.955	0.907		-5.026	20.0
Benzidine	0.329	0.327		-0.608	
Pyrene	1.751	1.911		9.138	
Terphenyl-d14	1.227	1.303		6.194	
Butylbenzylphthalate	0.525	0.537		2.286	
3,3-Dichlorobenzidine	0.380	0.390		2.632	
Benzo(a)anthracene	1.302	1.326		1.843	
Chrysene	1.194	1.209		1.256	
Bis(2-ethylhexyl)phthalate	0.589	0.666		13.073	
Di-n-octyl phthalate	1.071	1.261		17.74	20.0
Benzo(b)fluoranthene	1.218	1.234		1.314	
Benzo(k)fluoranthene	1.051	0.938		-10.752	

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Lab Code: CHEM Case No.: BF102124 SAS No.: BF102124 SDG No.: BF102124

Instrument ID: BNA_F Calibration Date/Time: 10/21/2024 : 09:57

Lab File ID: BF139892.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	1.009		0.699	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.495		16.162	
Dibenzo(a,h)anthracene	1.073	1.250		16.496	
Benzo(g,h,i)perylene	1.072	1.278		19.216	
1,2,4,5-Tetrachlorobenzene	0.540	0.552		2.222	
1,4-Dioxane	0.596	0.584		-2.013	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.313		1.294	
1-Methylnaphthalene	0.620	0.614		-0.968	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	PB164123BL	SDG No.:	BF102124
Lab Sample ID:	PB164123BL	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
BF139893.D	1	10/14/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164123

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

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	PB164123BL	SDG No.:	BF102124
Lab Sample ID:	PB164123BL	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
BF139893.D	1	10/14/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164123

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

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	PB164123BL	SDG No.:	BF102124
Lab Sample ID:	PB164123BL	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
BF139893.D	1	10/14/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	137.765		18-112		92	SPK: -150
13127-88-3	Phenol-d6	135.679		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	96.913		18-107		97	SPK: -100
321-60-8	2-Fluorobiphenyl	91.177		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	PB164123BL	SDG No.:	BF102124
Lab Sample ID:	PB164123BL	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
BF139893.D	1	10/14/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.003		10-116		97	SPK: -150
1718-51-0	Terphenyl-d14	90.421		10-105		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167950	6.893				
1146-65-2	Naphthalene-d8	682521	8.169				
15067-26-2	Acenaphthene-d10	387913	9.928				
1517-22-2	Phenanthrene-d10	717487	11.41				
1719-03-5	Chrysene-d12	434664	14.051				
1520-96-3	Perylene-d12	327943	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			2.246	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A			5.134	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	240	J			17.251	

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	VNJ-209	SDG No.:	BF102124
Lab Sample ID:	P4430-01	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
BF139894.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164246

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:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	VNJ-209	SDG No.:	BF102124
Lab Sample ID:	P4430-01	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
BF139894.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164246

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:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	VNJ-209	SDG No.:	BF102124
Lab Sample ID:	P4430-01	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
BF139894.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.537		10-139		78	SPK: -150
13127-88-3	Phenol-d6	101.31		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	96.172		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	101.637		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	VNJ-209	SDG No.:	BF102124
Lab Sample ID:	P4430-01	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
BF139894.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	162.614		44-137		108	SPK: -150
1718-51-0	Terphenyl-d14	111.98		48-125		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191379	6.892				
1146-65-2	Naphthalene-d8	735596	8.169				
15067-26-2	Acenaphthene-d10	348508	9.928				
1517-22-2	Phenanthrene-d10	674496	11.41				
1719-03-5	Chrysene-d12	306144	14.051				
1520-96-3	Perylene-d12	55434	15.527				

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF102124
Lab Sample ID:	P4425-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF139895.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.8	U	58.8	180	220	ug/Kg
110-86-1	Pyridine	54.2	U	54.2	88.1	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.7	U	65.7	88.1	120	ug/Kg
108-95-2	Phenol	56.2	U	56.2	88.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.7	U	56.7	88.1	120	ug/Kg
95-57-8	2-Chlorophenol	56.6	U	56.6	88.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.4	U	57.4	88.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.3	U	58.3	88.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.6	U	58.6	88.1	120	ug/Kg
100-51-6	Benzyl Alcohol	56.3	U	56.3	180	220	ug/Kg
95-48-7	2-Methylphenol	54.6	U	54.6	88.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.6	U	61.6	88.1	120	ug/Kg
98-86-2	Acetophenone	58.9	U	58.9	88.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.1	U	54.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	56.3	U	56.3	88.1	120	ug/Kg
98-95-3	Nitrobenzene	61.6	U	61.6	88.1	120	ug/Kg
78-59-1	Isophorone	57.4	U	57.4	88.1	120	ug/Kg
88-75-5	2-Nitrophenol	64.1	U	64.1	88.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.2	U	63.2	88.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.2	U	58.2	88.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.2	U	51.2	88.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.9	U	57.9	88.1	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56	U	56	88.1	120	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	88.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.5	U	56.5	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF102124
Lab Sample ID:	P4425-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF139895.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.8	U	58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.5	U	52.5	88.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	55.9	U	55.9	88.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.4	U	48.4	88.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.2	U	50.2	88.1	120	ug/Kg
92-52-4	1,1-Biphenyl	59.3	U	59.3	88.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.5	U	56.5	88.1	120	ug/Kg
88-74-4	2-Nitroaniline	64.4	U	64.4	88.1	120	ug/Kg
131-11-3	Dimethylphthalate	55.4	U	55.4	88.1	120	ug/Kg
208-96-8	Acenaphthylene	58.6	U	58.6	88.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.4	U	56.4	88.1	120	ug/Kg
99-09-2	3-Nitroaniline	60.5	U	60.5	88.1	120	ug/Kg
83-32-9	Acenaphthene	55	U	55	88.1	120	ug/Kg
Total PAH	Total PAH	898.2	U	898.2	88.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.6	U	78.6	180	220	ug/Kg
132-64-9	Dibenzofuran	57.2	U	57.2	88.1	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.4	U	58.4	88.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.8	U	114.8	88.1	240	ug/Kg
84-66-2	Diethylphthalate	54.3	U	54.3	88.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	88.1	120	ug/Kg
86-73-7	Fluorene	58	U	58	88.1	120	ug/Kg
100-01-6	4-Nitroaniline	72.5	U	72.5	88.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.3	U	79.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.3	U	55.3	88.1	120	ug/Kg
103-33-3	Azobenzene	54	U	54	88.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.5	U	53.5	88.1	120	ug/Kg
118-74-1	Hexachlorobenzene	57.6	U	57.6	88.1	120	ug/Kg
1912-24-9	Atrazine	62	U	62	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF102124
Lab Sample ID:	P4425-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF139895.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.4	U	52.4	180	220	ug/Kg
85-01-8	Phenanthrene	56.9	U	56.9	88.1	120	ug/Kg
120-12-7	Anthracene	57.2	U	57.2	88.1	120	ug/Kg
86-74-8	Carbazole	54.4	U	54.4	88.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.1	U	57.1	88.1	120	ug/Kg
206-44-0	Fluoranthene	55.4	U	55.4	88.1	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.3	U	56.3	88.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.6	U	65.6	88.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.8	U	66.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.7	U	54.7	88.1	120	ug/Kg
218-01-9	Chrysene	53.9	U	53.9	88.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.7	U	61.7	88.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.6	U	74.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	88.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	88.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	88.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.9	U	52.9	88.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	88.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.3	U	54.3	88.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.8	U	58.8	88.1	120	ug/Kg
123-91-1	1,4-Dioxane	74.6	U	74.6	88.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.6	U	50.6	88.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.4	U	56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.868		18-112		45	SPK: -150
13127-88-3	Phenol-d6	69.406		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	51.167		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	49.446		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF102124
Lab Sample ID:	P4425-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF139895.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.389		10-116		44	SPK: -150
1718-51-0	Terphenyl-d14	52.606		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172570	6.886				
1146-65-2	Naphthalene-d8	652270	8.169				
15067-26-2	Acenaphthene-d10	357349	9.927				
1517-22-2	Phenanthrene-d10	601268	11.41				
1719-03-5	Chrysene-d12	293972	14.051				
1520-96-3	Perylene-d12	346085	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.11	
000119-61-9	Benzophenone	210	J			10.639	
000057-10-3	n-Hexadecanoic acid	110	J			11.933	
1010351-87-0	Heptadecyl trifluoroacetate	110	J			13.892	

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF102124
Lab Sample ID:	P4425-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
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
BF139896.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.1	U	57.1	180	220	ug/Kg
110-86-1	Pyridine	52.5	U	52.5	85.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.7	U	63.7	85.5	110	ug/Kg
108-95-2	Phenol	54.5	U	54.5	85.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	55	85.5	110	ug/Kg
95-57-8	2-Chlorophenol	54.9	U	54.9	85.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.6	U	55.6	85.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.5	U	56.5	85.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.9	U	56.9	85.5	110	ug/Kg
100-51-6	Benzyl Alcohol	54.6	U	54.6	180	220	ug/Kg
95-48-7	2-Methylphenol	53	U	53	85.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.8	U	59.8	85.5	110	ug/Kg
98-86-2	Acetophenone	57.1	U	57.1	85.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.5	U	52.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.5	U	26.5	52.6	52.6	ug/Kg
67-72-1	Hexachloroethane	54.6	U	54.6	85.5	110	ug/Kg
98-95-3	Nitrobenzene	59.7	U	59.7	85.5	110	ug/Kg
78-59-1	Isophorone	55.6	U	55.6	85.5	110	ug/Kg
88-75-5	2-Nitrophenol	62.1	U	62.1	85.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.3	U	61.3	85.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.4	U	56.4	85.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.6	U	49.6	85.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.2	U	56.2	85.5	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.3	U	54.3	85.5	110	ug/Kg
106-47-8	4-Chloroaniline	54.3	U	54.3	85.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.8	U	54.8	85.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF102124
Lab Sample ID:	P4425-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
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
BF139896.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.1	U	57.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	85.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.2	U	54.2	85.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.9	U	46.9	85.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.7	U	48.7	85.5	110	ug/Kg
92-52-4	1,1-Biphenyl	57.5	U	57.5	85.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.8	U	54.8	85.5	110	ug/Kg
88-74-4	2-Nitroaniline	62.5	U	62.5	85.5	110	ug/Kg
131-11-3	Dimethylphthalate	53.7	U	53.7	85.5	110	ug/Kg
208-96-8	Acenaphthylene	56.9	U	56.9	85.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.7	U	54.7	85.5	110	ug/Kg
99-09-2	3-Nitroaniline	58.6	U	58.6	85.5	110	ug/Kg
83-32-9	Acenaphthene	53.3	U	53.3	85.5	110	ug/Kg
Total PAH	Total PAH	871.3	U	871.3	85.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.3	U	76.3	180	220	ug/Kg
132-64-9	Dibenzofuran	55.5	U	55.5	85.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	11.4	U	11.4	85.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.7	U	56.7	85.5	110	ug/Kg
84-66-2	Diethylphthalate	52.7	U	52.7	85.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.3	U	56.3	85.5	110	ug/Kg
86-73-7	Fluorene	56.2	U	56.2	85.5	110	ug/Kg
100-01-6	4-Nitroaniline	70.4	U	70.4	85.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.9	U	76.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.7	U	53.7	85.5	110	ug/Kg
103-33-3	Azobenzene	52.3	U	52.3	85.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.9	U	51.9	85.5	110	ug/Kg
118-74-1	Hexachlorobenzene	55.9	U	55.9	85.5	110	ug/Kg
1912-24-9	Atrazine	60.1	U	60.1	85.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF102124
Lab Sample ID:	P4425-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
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
BF139896.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.8	U	50.8	180	220	ug/Kg
85-01-8	Phenanthrene	55.2	U	55.2	85.5	110	ug/Kg
120-12-7	Anthracene	55.5	U	55.5	85.5	110	ug/Kg
86-74-8	Carbazole	52.8	U	52.8	85.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.4	U	55.4	85.5	110	ug/Kg
206-44-0	Fluoranthene	53.7	U	53.7	85.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.6	U	54.6	85.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.6	U	63.6	85.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.8	U	64.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.1	U	53.1	85.5	110	ug/Kg
218-01-9	Chrysene	52.3	U	52.3	85.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.8	U	59.8	85.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.3	U	72.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.3	U	53.3	85.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.3	U	54.3	85.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.1	U	61.1	85.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.4	U	51.4	85.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.4	U	53.4	85.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.7	U	52.7	85.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.1	U	57.1	85.5	110	ug/Kg
123-91-1	1,4-Dioxane	72.3	U	72.3	85.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.1	U	49.1	85.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.7	U	54.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.853		18-112		51	SPK: -150
13127-88-3	Phenol-d6	78.596		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	57.964		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	55.869		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF102124
Lab Sample ID:	P4425-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
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
BF139896.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.072		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	59.513		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164578	6.887				
1146-65-2	Naphthalene-d8	628643	8.169				
15067-26-2	Acenaphthene-d10	348404	9.922				
1517-22-2	Phenanthrene-d10	578725	11.41				
1719-03-5	Chrysene-d12	287484	14.051				
1520-96-3	Perylene-d12	327876	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.11	
000119-61-9	Benzophenone	110	J			10.633	
000057-10-3	n-Hexadecanoic acid	58.1	J			11.933	
006222-03-3	Trifluoroacetoxy hexadecane	94.7	J			13.892	

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-2	SDG No.:	BF102124
Lab Sample ID:	P4426-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139897.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

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	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-2	SDG No.:	BF102124
Lab Sample ID:	P4426-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139897.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

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	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	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	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-2	SDG No.:	BF102124
Lab Sample ID:	P4426-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139897.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	34.558		18-112		23	SPK: -150
13127-88-3	Phenol-d6	45.997		15-107		31	SPK: -150
4165-60-0	Nitrobenzene-d5	45.651		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	48.428		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-2	SDG No.:	BF102124
Lab Sample ID:	P4426-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139897.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	25.326		10-116		17	SPK: -150
1718-51-0	Terphenyl-d14	49.974		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159852	6.892				
1146-65-2	Naphthalene-d8	606491	8.169				
15067-26-2	Acenaphthene-d10	331573	9.922				
1517-22-2	Phenanthrene-d10	530976	11.41				
1719-03-5	Chrysene-d12	262530	14.051				
1520-96-3	Perylene-d12	323097	15.527				

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-4	SDG No.:	BF102124
Lab Sample ID:	P4426-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139898.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	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	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	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	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	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	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	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	45.3	U	45.3	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:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-4	SDG No.:	BF102124
Lab Sample ID:	P4426-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139898.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

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	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	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	44.4	U	44.4	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	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	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	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	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	51.3	U	51.3	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	51	U	51	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:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-4	SDG No.:	BF102124
Lab Sample ID:	P4426-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139898.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

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	50.4	U	50.4	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	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	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	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	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	55.8	U	55.8	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	37.755		18-112		25	SPK: -150
13127-88-3	Phenol-d6	49.966		15-107		33	SPK: -150
4165-60-0	Nitrobenzene-d5	50.193		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	55.374		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-4	SDG No.:	BF102124
Lab Sample ID:	P4426-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139898.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	31.157		10-116		21	SPK: -150
1718-51-0	Terphenyl-d14	61.226		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168739	6.886				
1146-65-2	Naphthalene-d8	643521	8.169				
15067-26-2	Acenaphthene-d10	345378	9.922				
1517-22-2	Phenanthrene-d10	592461	11.41				
1719-03-5	Chrysene-d12	304655	14.051				
1520-96-3	Perylene-d12	332840	15.527				

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-9	SDG No.:	BF102124
Lab Sample ID:	P4426-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139899.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

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

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-9	SDG No.:	BF102124
Lab Sample ID:	P4426-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139899.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

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

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-9	SDG No.:	BF102124
Lab Sample ID:	P4426-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139899.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

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	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	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	48.4	U	48.4	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	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	22.332	*	18-112		15	SPK: -150
13127-88-3	Phenol-d6	36.016		15-107		24	SPK: -150
4165-60-0	Nitrobenzene-d5	38.355		18-107		38	SPK: -100
321-60-8	2-Fluorobiphenyl	46.383		20-109		46	SPK: -100

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-9	SDG No.:	BF102124
Lab Sample ID:	P4426-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139899.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	14.462		10-116		10	SPK: -150
1718-51-0	Terphenyl-d14	52.945		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164670	6.887				
1146-65-2	Naphthalene-d8	637297	8.169				
15067-26-2	Acenaphthene-d10	342781	9.922				
1517-22-2	Phenanthrene-d10	553534	11.41				
1719-03-5	Chrysene-d12	272283	14.045				
1520-96-3	Perylene-d12	333877	15.527				

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-6	SDG No.:	BF102124
Lab Sample ID:	P4426-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139900.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

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	47.8	U	47.8	77.8	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.8	100	ug/Kg
108-95-2	Phenol	49.6	U	49.6	77.8	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.8	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.8	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.8	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.8	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.8	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	77.8	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.4	U	54.4	77.8	100	ug/Kg
98-86-2	Acetophenone	52	U	52	77.8	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	77.8	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.8	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.8	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.8	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.8	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.8	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.8	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.1	U	51.1	77.8	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.8	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.8	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.8	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-6	SDG No.:	BF102124
Lab Sample ID:	P4426-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139900.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

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	77.8	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.8	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.4	U	93.4	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.8	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.8	100	ug/Kg
92-52-4	1,1-Biphenyl	52.3	U	52.3	77.8	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.8	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.8	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.8	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.8	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.8	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.8	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.8	100	ug/Kg
Total PAH	Total PAH	793.6	U	793.6	77.8	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	50.5	U	50.5	77.8	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.8	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.8	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.8	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.8	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.8	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	77.8	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.8	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.2	U	47.2	77.8	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.8	100	ug/Kg
1912-24-9	Atrazine	54.7	U	54.7	77.8	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-6	SDG No.:	BF102124
Lab Sample ID:	P4426-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139900.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

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	77.8	100	ug/Kg
120-12-7	Anthracene	50.5	U	50.5	77.8	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.8	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.8	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.8	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	77.8	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.8	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.8	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.8	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.8	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	77.8	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.8	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.8	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.8	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.8	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.8	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.8	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.8	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.8	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	22.955	*	18-112		15	SPK: -150
13127-88-3	Phenol-d6	36.06		15-107		24	SPK: -150
4165-60-0	Nitrobenzene-d5	43.284		18-107		43	SPK: -100
321-60-8	2-Fluorobiphenyl	49.056		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	PAD-6	SDG No.:	BF102124
Lab Sample ID:	P4426-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139900.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	13.987	*	10-116		9	SPK: -150
1718-51-0	Terphenyl-d14	51.384		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160414	6.887				
1146-65-2	Naphthalene-d8	606878	8.169				
15067-26-2	Acenaphthene-d10	328144	9.922				
1517-22-2	Phenanthrene-d10	513543	11.41				
1719-03-5	Chrysene-d12	253605	14.045				
1520-96-3	Perylene-d12	328177	15.527				

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	WASTE-WATER-FRAC-TANKRE	SDG No.:	BF102124
Lab Sample ID:	P4396-01RE	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139901.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164154

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

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	WASTE-WATER-FRAC-TANKRE	SDG No.:	BF102124
Lab Sample ID:	P4396-01RE	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139901.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164154

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

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	WASTE-WATER-FRAC-TANKRE	SDG No.:	BF102124
Lab Sample ID:	P4396-01RE	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139901.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	61.677		10-139		41	SPK: -150
13127-88-3	Phenol-d6	37.934		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	96.874		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	86.935		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	WASTE-WATER-FRAC-TANKRE	SDG No.:	BF102124
Lab Sample ID:	P4396-01RE	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 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
BF139901.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.255		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	76.341		48-125		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180088	6.887				
1146-65-2	Naphthalene-d8	699613	8.169				
15067-26-2	Acenaphthene-d10	370461	9.928				
1517-22-2	Phenanthrene-d10	581447	11.41				
1719-03-5	Chrysene-d12	321399	14.051				
1520-96-3	Perylene-d12	395365	15.527				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-3MS	SDG No.:	BF102124
Lab Sample ID:	P4385-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.9
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
BF139902.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		92.2	290	350	ug/Kg
110-86-1	Pyridine	1700		84.9	140	180	ug/Kg
100-52-7	Benzaldehyde	760		190	290	350	ug/Kg
62-53-3	Aniline	1000		100	140	180	ug/Kg
108-95-2	Phenol	1900		88.1	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		88.9	140	180	ug/Kg
95-57-8	2-Chlorophenol	1900		88.7	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		89.9	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	1700		91.4	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		91.9	140	180	ug/Kg
100-51-6	Benzyl Alcohol	1900		88.2	290	350	ug/Kg
95-48-7	2-Methylphenol	1900		85.6	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		96.6	140	180	ug/Kg
98-86-2	Acetophenone	1800		92.3	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	1800		84.8	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		42.8	85	85	ug/Kg
67-72-1	Hexachloroethane	1800		88.2	140	180	ug/Kg
98-95-3	Nitrobenzene	1700		96.5	140	180	ug/Kg
78-59-1	Isophorone	1800		89.9	140	180	ug/Kg
88-75-5	2-Nitrophenol	2100		100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		99	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		91.1	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		80.2	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		90.7	140	180	ug/Kg
65-85-0	Benzoic acid	1800		250	290	350	ug/Kg
91-20-3	Naphthalene	1700		87.7	140	180	ug/Kg
106-47-8	4-Chloroaniline	370		87.7	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	1700		88.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-3MS	SDG No.:	BF102124
Lab Sample ID:	P4385-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.9
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
BF139902.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1900		92.2	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		82.3	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	1800		87.6	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		75.9	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		78.6	140	180	ug/Kg
92-52-4	1,1-Biphenyl	1800		92.8	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	1800		88.5	140	180	ug/Kg
88-74-4	2-Nitroaniline	2000		100	140	180	ug/Kg
131-11-3	Dimethylphthalate	1900		86.8	140	180	ug/Kg
208-96-8	Acenaphthylene	1900		91.9	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		88.4	140	180	ug/Kg
99-09-2	3-Nitroaniline	1100		94.8	140	180	ug/Kg
83-32-9	Acenaphthene	2000		86.2	140	180	ug/Kg
Total PAH	Total PAH	28600		1407.8	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	4200	E	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	3600	E	120	290	350	ug/Kg
132-64-9	Dibenzofuran	1800		89.7	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		180	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		91.6	140	180	ug/Kg
84-66-2	Diethylphthalate	1800		85.1	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		90.9	140	180	ug/Kg
86-73-7	Fluorene	1700		90.8	140	180	ug/Kg
100-01-6	4-Nitroaniline	1800		110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		86.7	140	180	ug/Kg
103-33-3	Azobenzene	2100		84.6	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		83.8	140	180	ug/Kg
118-74-1	Hexachlorobenzene	1800		90.3	140	180	ug/Kg
1912-24-9	Atrazine	2200		97.1	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-3MS	SDG No.:	BF102124
Lab Sample ID:	P4385-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.9
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
BF139902.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	82.1	290	350	ug/Kg
85-01-8	Phenanthrene	1800		89.2	140	180	ug/Kg
120-12-7	Anthracene	1800		89.7	140	180	ug/Kg
86-74-8	Carbazole	1700		85.3	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	1800		89.6	140	180	ug/Kg
206-44-0	Fluoranthene	1700		86.8	140	180	ug/Kg
92-87-5	Benzidine	930		170	290	350	ug/Kg
129-00-0	Pyrene	1700		88.2	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	2200		100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	970		100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	1900		85.7	140	180	ug/Kg
218-01-9	Chrysene	1900		84.5	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500		96.7	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		86.2	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		87.7	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	2000		98.8	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		83	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		86.3	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		85.1	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		92.2	140	180	ug/Kg
123-91-1	1,4-Dioxane	1700		120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		79.4	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	1700		88.4	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.24		18-112		77	SPK: -150
13127-88-3	Phenol-d6	113.195		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	86.075		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	83.097		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-3MS	SDG No.:	BF102124
Lab Sample ID:	P4385-06MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.9
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
BF139902.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.205		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	84.247		10-105		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159111	6.892				
1146-65-2	Naphthalene-d8	617785	8.175				
15067-26-2	Acenaphthene-d10	335465	9.927				
1517-22-2	Phenanthrene-d10	563658	11.416				
1719-03-5	Chrysene-d12	294671	14.057				
1520-96-3	Perylene-d12	343985	15.533				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-3MSD	SDG No.:	BF102124
Lab Sample ID:	P4385-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139903.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		92.1	290	350	ug/Kg
110-86-1	Pyridine	1700		84.8	140	180	ug/Kg
100-52-7	Benzaldehyde	780		190	290	350	ug/Kg
62-53-3	Aniline	1000		100	140	180	ug/Kg
108-95-2	Phenol	1900		88	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		88.8	140	180	ug/Kg
95-57-8	2-Chlorophenol	1900		88.6	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		89.8	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	1800		91.2	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	1800		91.8	140	180	ug/Kg
100-51-6	Benzyl Alcohol	1900		88.1	290	350	ug/Kg
95-48-7	2-Methylphenol	1900		85.5	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		96.4	140	180	ug/Kg
98-86-2	Acetophenone	1700		92.2	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	1800		84.7	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		42.8	84.9	84.9	ug/Kg
67-72-1	Hexachloroethane	1800		88.1	140	180	ug/Kg
98-95-3	Nitrobenzene	1800		96.3	140	180	ug/Kg
78-59-1	Isophorone	1800		89.8	140	180	ug/Kg
88-75-5	2-Nitrophenol	2200		100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		98.9	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		91	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		80.1	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		90.6	140	180	ug/Kg
65-85-0	Benzoic acid	1900		250	290	350	ug/Kg
91-20-3	Naphthalene	1800		87.6	140	180	ug/Kg
106-47-8	4-Chloroaniline	340		87.6	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	1800		88.4	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-3MSD	SDG No.:	BF102124
Lab Sample ID:	P4385-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139903.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1900		92.1	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		82.2	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	1800		87.5	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5600	E	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		75.8	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		78.5	140	180	ug/Kg
92-52-4	1,1-Biphenyl	1800		92.7	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	1800		88.4	140	180	ug/Kg
88-74-4	2-Nitroaniline	2000		100	140	180	ug/Kg
131-11-3	Dimethylphthalate	1900		86.7	140	180	ug/Kg
208-96-8	Acenaphthylene	1900		91.8	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		88.3	140	180	ug/Kg
99-09-2	3-Nitroaniline	1100		94.6	140	180	ug/Kg
83-32-9	Acenaphthene	2000		86	140	180	ug/Kg
Total PAH	Total PAH	28500		1405.7	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	E	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	3700	E	120	290	350	ug/Kg
132-64-9	Dibenzofuran	1800		89.5	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		91.5	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		179.8	140	360	ug/Kg
84-66-2	Diethylphthalate	1800		85	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		90.8	140	180	ug/Kg
86-73-7	Fluorene	1700		90.7	140	180	ug/Kg
100-01-6	4-Nitroaniline	1800		110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500		120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		86.6	140	180	ug/Kg
103-33-3	Azobenzene	2100		84.5	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		83.7	140	180	ug/Kg
118-74-1	Hexachlorobenzene	1800		90.2	140	180	ug/Kg
1912-24-9	Atrazine	2200		97	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-3MSD	SDG No.:	BF102124
Lab Sample ID:	P4385-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139903.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3500	E	82	290	350	ug/Kg
85-01-8	Phenanthrene	1800		89.1	140	180	ug/Kg
120-12-7	Anthracene	1800		89.5	140	180	ug/Kg
86-74-8	Carbazole	1700		85.2	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	1800		89.4	140	180	ug/Kg
206-44-0	Fluoranthene	1700		86.7	140	180	ug/Kg
92-87-5	Benzidine	1000		170	290	350	ug/Kg
129-00-0	Pyrene	1700		88.1	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	2200		100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	970		100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	1900		85.6	140	180	ug/Kg
218-01-9	Chrysene	1900		84.3	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500		96.5	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		86	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		87.6	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	2000		98.7	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		82.9	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		86.1	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		85	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		92.1	140	180	ug/Kg
123-91-1	1,4-Dioxane	1700		120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		79.3	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	1700		88.3	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.667		18-112		78	SPK: -150
13127-88-3	Phenol-d6	115.635		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	87.164		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	83.046		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-3MSD	SDG No.:	BF102124
Lab Sample ID:	P4385-06MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139903.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.826		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	82.754		10-105		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163321	6.893				
1146-65-2	Naphthalene-d8	638402	8.175				
15067-26-2	Acenaphthene-d10	343933	9.928				
1517-22-2	Phenanthrene-d10	570576	11.416				
1719-03-5	Chrysene-d12	298930	14.057				
1520-96-3	Perylene-d12	341306	15.533				

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	Hawthorne TP SoilRE	SDG No.:	BF102124
Lab Sample ID:	P4403-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF139904.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.2	U	57.2	180	220	ug/Kg
110-86-1	Pyridine	52.6	U	52.6	85.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.8	U	63.8	85.6	110	ug/Kg
108-95-2	Phenol	54.6	U	54.6	85.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.1	U	55.1	85.6	110	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	85.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.7	U	55.7	85.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.6	U	56.6	85.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57	U	57	85.6	110	ug/Kg
100-51-6	Benzyl Alcohol	54.6	U	54.6	180	220	ug/Kg
95-48-7	2-Methylphenol	53.1	U	53.1	85.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.9	U	59.9	85.6	110	ug/Kg
98-86-2	Acetophenone	57.2	U	57.2	85.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.5	U	52.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.5	U	26.5	52.7	52.7	ug/Kg
67-72-1	Hexachloroethane	54.6	U	54.6	85.6	110	ug/Kg
98-95-3	Nitrobenzene	59.8	U	59.8	85.6	110	ug/Kg
78-59-1	Isophorone	55.7	U	55.7	85.6	110	ug/Kg
88-75-5	2-Nitrophenol	62.2	U	62.2	85.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.4	U	61.4	85.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.5	U	56.5	85.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.7	U	49.7	85.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.2	U	56.2	85.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.4	U	54.4	85.6	110	ug/Kg
106-47-8	4-Chloroaniline	54.4	U	54.4	85.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.8	U	54.8	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	Hawthorne TP SoilRE	SDG No.:	BF102124
Lab Sample ID:	P4403-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF139904.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.2	U	57.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	85.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.3	U	54.3	85.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	85.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.7	U	48.7	85.6	110	ug/Kg
92-52-4	1,1-Biphenyl	57.5	U	57.5	85.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.8	U	54.8	85.6	110	ug/Kg
88-74-4	2-Nitroaniline	62.5	U	62.5	85.6	110	ug/Kg
131-11-3	Dimethylphthalate	53.8	U	53.8	85.6	110	ug/Kg
208-96-8	Acenaphthylene	57	U	57	85.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.8	U	54.8	85.6	110	ug/Kg
99-09-2	3-Nitroaniline	58.7	U	58.7	85.6	110	ug/Kg
83-32-9	Acenaphthene	53.4	U	53.4	85.6	110	ug/Kg
Total PAH	Total PAH	872.4	U	872.4	85.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.4	U	76.4	180	220	ug/Kg
132-64-9	Dibenzofuran	55.6	U	55.6	85.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.6	U	111.6	85.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.8	U	56.8	85.6	110	ug/Kg
84-66-2	Diethylphthalate	52.7	U	52.7	85.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.4	U	56.4	85.6	110	ug/Kg
86-73-7	Fluorene	56.3	U	56.3	85.6	110	ug/Kg
100-01-6	4-Nitroaniline	70.5	U	70.5	85.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.7	U	53.7	85.6	110	ug/Kg
103-33-3	Azobenzene	52.4	U	52.4	85.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.9	U	51.9	85.6	110	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	85.6	110	ug/Kg
1912-24-9	Atrazine	60.2	U	60.2	85.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	Hawthorne TP SoilRE	SDG No.:	BF102124
Lab Sample ID:	P4403-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF139904.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.9	U	50.9	180	220	ug/Kg
85-01-8	Phenanthrene	55.3	U	55.3	85.6	110	ug/Kg
120-12-7	Anthracene	55.6	U	55.6	85.6	110	ug/Kg
86-74-8	Carbazole	52.9	U	52.9	85.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.5	U	55.5	85.6	110	ug/Kg
206-44-0	Fluoranthene	53.8	U	53.8	85.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.6	U	54.6	85.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.7	U	63.7	85.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.9	U	64.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.1	U	53.1	85.6	110	ug/Kg
218-01-9	Chrysene	52.3	U	52.3	85.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.9	U	59.9	85.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.4	U	72.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.4	U	53.4	85.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.4	U	54.4	85.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.2	U	61.2	85.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.4	U	51.4	85.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.5	U	53.5	85.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.7	U	52.7	85.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.2	U	57.2	85.6	110	ug/Kg
123-91-1	1,4-Dioxane	72.4	U	72.4	85.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.2	U	49.2	85.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.8	U	54.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.493		18-112		70	SPK: -150
13127-88-3	Phenol-d6	103.334		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	78.916		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	74.365		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	Hawthorne TP SoilRE	SDG No.:	BF102124
Lab Sample ID:	P4403-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF139904.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.718		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	65.369		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180620	6.887				
1146-65-2	Naphthalene-d8	699996	8.169				
15067-26-2	Acenaphthene-d10	377563	9.922				
1517-22-2	Phenanthrene-d10	613880	11.41				
1719-03-5	Chrysene-d12	346134	14.051				
1520-96-3	Perylene-d12	401756	15.527				

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524RE	SDG No.:	BF102124
Lab Sample ID:	P4410-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139905.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	U	270	830	1000	ug/Kg
110-86-1	Pyridine	250	U	250	400	520	ug/Kg
100-52-7	Benzaldehyde	560	U	560	830	1000	ug/Kg
62-53-3	Aniline	300	U	300	400	520	ug/Kg
108-95-2	Phenol	260	U	260	400	520	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	260	U	260	400	520	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	400	520	ug/Kg
95-50-1	1,2-Dichlorobenzene	260	U	260	400	520	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	400	520	ug/Kg
106-46-7	1,4-Dichlorobenzene	270	U	270	400	520	ug/Kg
100-51-6	Benzyl Alcohol	260	U	260	830	1000	ug/Kg
95-48-7	2-Methylphenol	250	U	250	400	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	U	280	400	520	ug/Kg
98-86-2	Acetophenone	270	U	270	400	520	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	830	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	250	250	ug/Kg
67-72-1	Hexachloroethane	260	U	260	400	520	ug/Kg
98-95-3	Nitrobenzene	280	U	280	400	520	ug/Kg
78-59-1	Isophorone	260	U	260	400	520	ug/Kg
88-75-5	2-Nitrophenol	290	U	290	400	520	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	290	400	520	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260	U	260	400	520	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	400	520	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260	U	260	400	520	ug/Kg
65-85-0	Benzoic acid	730	U	730	830	1000	ug/Kg
91-20-3	Naphthalene	250	U	250	400	520	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	400	520	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	400	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524RE	SDG No.:	BF102124
Lab Sample ID:	P4410-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139905.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	270	U	270	830	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	400	520	ug/Kg
91-57-6	2-Methylnaphthalene	250	U	250	400	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	830	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	220	U	220	400	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	400	520	ug/Kg
92-52-4	1,1-Biphenyl	270	U	270	400	520	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	400	520	ug/Kg
88-74-4	2-Nitroaniline	290	U	290	400	520	ug/Kg
131-11-3	Dimethylphthalate	250	U	250	400	520	ug/Kg
208-96-8	Acenaphthylene	270	U	270	400	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	400	520	ug/Kg
99-09-2	3-Nitroaniline	270	U	270	400	520	ug/Kg
83-32-9	Acenaphthene	250	U	250	400	520	ug/Kg
Total PAH	Total PAH	4080	U	4080	400	8320	ug/Kg
51-28-5	2,4-Dinitrophenol	750	U	750	830	1000	ug/Kg
100-02-7	4-Nitrophenol	360	U	360	830	1000	ug/Kg
132-64-9	Dibenzofuran	260	U	260	400	520	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	400	520	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	530	U	530	400	1040	ug/Kg
84-66-2	Diethylphthalate	250	U	250	400	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	400	520	ug/Kg
86-73-7	Fluorene	260	U	260	400	520	ug/Kg
100-01-6	4-Nitroaniline	330	U	330	400	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	U	360	830	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	250	U	250	400	520	ug/Kg
103-33-3	Azobenzene	250	U	250	400	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	400	520	ug/Kg
118-74-1	Hexachlorobenzene	260	U	260	400	520	ug/Kg
1912-24-9	Atrazine	280	U	280	400	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524RE	SDG No.:	BF102124
Lab Sample ID:	P4410-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139905.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	240	U	240	830	1000	ug/Kg
85-01-8	Phenanthrene	260	U	260	400	520	ug/Kg
120-12-7	Anthracene	260	U	260	400	520	ug/Kg
86-74-8	Carbazole	250	U	250	400	520	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	400	520	ug/Kg
206-44-0	Fluoranthene	400	J	250	400	520	ug/Kg
92-87-5	Benzidine	500	U	500	830	1000	ug/Kg
129-00-0	Pyrene	410	J	260	400	520	ug/Kg
85-68-7	Butylbenzylphthalate	300	U	300	400	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	830	1000	ug/Kg
56-55-3	Benzo(a)anthracene	260	J	250	400	520	ug/Kg
218-01-9	Chrysene	270	J	240	400	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	280	400	520	ug/Kg
117-84-0	Di-n-octyl phthalate	340	U	340	830	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	300	J	250	400	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	U	250	400	520	ug/Kg
50-32-8	Benzo(a)pyrene	290	U	290	400	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	U	240	400	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250	U	250	400	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250	U	250	400	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	400	520	ug/Kg
123-91-1	1,4-Dioxane	340	U	340	400	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	230	400	520	ug/Kg
90-12-0	1-Methylnaphthalene	260	U	260	520	520	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.545		18-112		81	SPK: -150
13127-88-3	Phenol-d6	115.07		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	87.18		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	102.25		20-109		102	SPK: -100

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524RE	SDG No.:	BF102124
Lab Sample ID:	P4410-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139905.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.52		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	74.825		10-105		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168660	6.886				
1146-65-2	Naphthalene-d8	603283	8.169				
15067-26-2	Acenaphthene-d10	275624	9.927				
1517-22-2	Phenanthrene-d10	421175	11.41				
1719-03-5	Chrysene-d12	327188	14.051				
1520-96-3	Perylene-d12	286832	15.533				

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524MS	SDG No.:	BF102124
Lab Sample ID:	P4410-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139906.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	580	J	270	830	1000	ug/Kg
110-86-1	Pyridine	580		250	400	520	ug/Kg
100-52-7	Benzaldehyde	560	U	560	830	1000	ug/Kg
62-53-3	Aniline	400	J	300	400	520	ug/Kg
108-95-2	Phenol	650		260	400	520	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	640		260	400	520	ug/Kg
95-57-8	2-Chlorophenol	640		260	400	520	ug/Kg
95-50-1	1,2-Dichlorobenzene	660		260	400	520	ug/Kg
541-73-1	1,3-Dichlorobenzene	660		260	400	520	ug/Kg
106-46-7	1,4-Dichlorobenzene	670		270	400	520	ug/Kg
100-51-6	Benzyl Alcohol	620	J	260	830	1000	ug/Kg
95-48-7	2-Methylphenol	630		250	400	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	610		280	400	520	ug/Kg
98-86-2	Acetophenone	700		270	400	520	ug/Kg
65794-96-9	3+4-Methylphenols	630	J	250	830	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	620		120	250	250	ug/Kg
67-72-1	Hexachloroethane	600		260	400	520	ug/Kg
98-95-3	Nitrobenzene	620		280	400	520	ug/Kg
78-59-1	Isophorone	650		260	400	520	ug/Kg
88-75-5	2-Nitrophenol	670		290	400	520	ug/Kg
105-67-9	2,4-Dimethylphenol	760		290	400	520	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	640		260	400	520	ug/Kg
120-83-2	2,4-Dichlorophenol	640		230	400	520	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	640		260	400	520	ug/Kg
65-85-0	Benzoic acid	730	U	730	830	1000	ug/Kg
91-20-3	Naphthalene	690		250	400	520	ug/Kg
106-47-8	4-Chloroaniline	380	J	250	400	520	ug/Kg
87-68-3	Hexachlorobutadiene	660		260	400	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524MS	SDG No.:	BF102124
Lab Sample ID:	P4410-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139906.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	590	J	270	830	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	570		240	400	520	ug/Kg
91-57-6	2-Methylnaphthalene	670		250	400	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	830	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	720		220	400	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	650		230	400	520	ug/Kg
92-52-4	1,1-Biphenyl	730		270	400	520	ug/Kg
91-58-7	2-Chloronaphthalene	700		260	400	520	ug/Kg
88-74-4	2-Nitroaniline	630		290	400	520	ug/Kg
131-11-3	Dimethylphthalate	690		250	400	520	ug/Kg
208-96-8	Acenaphthylene	730		270	400	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	600		260	400	520	ug/Kg
99-09-2	3-Nitroaniline	510	J	270	400	520	ug/Kg
83-32-9	Acenaphthene	740		250	400	520	ug/Kg
Total PAH	Total PAH	12590		4080	400	8320	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		750	830	1000	ug/Kg
100-02-7	4-Nitrophenol	1200		360	830	1000	ug/Kg
132-64-9	Dibenzofuran	700		260	400	520	ug/Kg
121-14-2	2,4-Dinitrotoluene	610		270	400	520	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210		530	400	1040	ug/Kg
84-66-2	Diethylphthalate	630		250	400	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	660		260	400	520	ug/Kg
86-73-7	Fluorene	700		260	400	520	ug/Kg
100-01-6	4-Nitroaniline	530		330	400	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	460	J	360	830	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	690		250	400	520	ug/Kg
103-33-3	Azobenzene	640		250	400	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	650		240	400	520	ug/Kg
118-74-1	Hexachlorobenzene	750		260	400	520	ug/Kg
1912-24-9	Atrazine	820		280	400	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524MS	SDG No.:	BF102124
Lab Sample ID:	P4410-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139906.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1600		240	830	1000	ug/Kg
85-01-8	Phenanthrene	840		260	400	520	ug/Kg
120-12-7	Anthracene	800		260	400	520	ug/Kg
86-74-8	Carbazole	690		250	400	520	ug/Kg
84-74-2	Di-n-butylphthalate	700		260	400	520	ug/Kg
206-44-0	Fluoranthene	1000		250	400	520	ug/Kg
92-87-5	Benzidine	500	U	500	830	1000	ug/Kg
129-00-0	Pyrene	880		260	400	520	ug/Kg
85-68-7	Butylbenzylphthalate	730		300	400	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	450	J	300	830	1000	ug/Kg
56-55-3	Benzo(a)anthracene	800		250	400	520	ug/Kg
218-01-9	Chrysene	850		240	400	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	890		280	400	520	ug/Kg
117-84-0	Di-n-octyl phthalate	750	J	340	830	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	890		250	400	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	790		250	400	520	ug/Kg
50-32-8	Benzo(a)pyrene	900		290	400	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	690		240	400	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	620		250	400	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	670		250	400	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	770		270	400	520	ug/Kg
123-91-1	1,4-Dioxane	580		340	400	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	690		230	400	520	ug/Kg
90-12-0	1-Methylnaphthalene	630		260	520	520	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.76		18-112		47	SPK: -150
13127-88-3	Phenol-d6	66.9		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	50.195		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	59.365		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524MS	SDG No.:	BF102124
Lab Sample ID:	P4410-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139906.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.24		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	49.325		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224528	6.893				
1146-65-2	Naphthalene-d8	790392	8.169				
15067-26-2	Acenaphthene-d10	369108	9.928				
1517-22-2	Phenanthrene-d10	591109	11.41				
1719-03-5	Chrysene-d12	427241	14.051				
1520-96-3	Perylene-d12	354492	15.533				

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524MSD	SDG No.:	BF102124
Lab Sample ID:	P4410-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139907.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		270	830	1000	ug/Kg
110-86-1	Pyridine	1000		250	400	520	ug/Kg
100-52-7	Benzaldehyde	560	U	560	830	1000	ug/Kg
62-53-3	Aniline	590		300	400	520	ug/Kg
108-95-2	Phenol	1100		260	400	520	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		260	400	520	ug/Kg
95-57-8	2-Chlorophenol	1100		260	400	520	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		260	400	520	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		260	400	520	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		270	400	520	ug/Kg
100-51-6	Benzyl Alcohol	1100		260	830	1000	ug/Kg
95-48-7	2-Methylphenol	1100		250	400	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		280	400	520	ug/Kg
98-86-2	Acetophenone	1300		270	400	520	ug/Kg
65794-96-9	3+4-Methylphenols	1100		250	830	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		120	250	250	ug/Kg
67-72-1	Hexachloroethane	960		260	400	520	ug/Kg
98-95-3	Nitrobenzene	1100		280	400	520	ug/Kg
78-59-1	Isophorone	1200		260	400	520	ug/Kg
88-75-5	2-Nitrophenol	1200		290	400	520	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		290	400	520	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		260	400	520	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		230	400	520	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		260	400	520	ug/Kg
65-85-0	Benzoic acid	730	U	730	830	1000	ug/Kg
91-20-3	Naphthalene	1200		250	400	520	ug/Kg
106-47-8	4-Chloroaniline	590		250	400	520	ug/Kg
87-68-3	Hexachlorobutadiene	1100		260	400	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524MSD	SDG No.:	BF102124
Lab Sample ID:	P4410-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139907.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	990	J	270	830	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		240	400	520	ug/Kg
91-57-6	2-Methylnaphthalene	1100		250	400	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	830	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		220	400	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		230	400	520	ug/Kg
92-52-4	1,1-Biphenyl	1300		270	400	520	ug/Kg
91-58-7	2-Chloronaphthalene	1200		260	400	520	ug/Kg
88-74-4	2-Nitroaniline	1200		290	400	520	ug/Kg
131-11-3	Dimethylphthalate	1300		250	400	520	ug/Kg
208-96-8	Acenaphthylene	1200		270	400	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		260	400	520	ug/Kg
99-09-2	3-Nitroaniline	890		270	400	520	ug/Kg
83-32-9	Acenaphthene	1200		250	400	520	ug/Kg
Total PAH	Total PAH	20240		4080	400	8320	ug/Kg
51-28-5	2,4-Dinitrophenol	980	J	750	830	1000	ug/Kg
100-02-7	4-Nitrophenol	2000		360	830	1000	ug/Kg
132-64-9	Dibenzofuran	1200		260	400	520	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2070		530	400	1040	ug/Kg
121-14-2	2,4-Dinitrotoluene	970		270	400	520	ug/Kg
84-66-2	Diethylphthalate	1200		250	400	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		260	400	520	ug/Kg
86-73-7	Fluorene	1200		260	400	520	ug/Kg
100-01-6	4-Nitroaniline	1100		330	400	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	U	360	830	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		250	400	520	ug/Kg
103-33-3	Azobenzene	1100		250	400	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		240	400	520	ug/Kg
118-74-1	Hexachlorobenzene	1000		260	400	520	ug/Kg
1912-24-9	Atrazine	1400		280	400	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524MSD	SDG No.:	BF102124
Lab Sample ID:	P4410-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139907.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000		240	830	1000	ug/Kg
85-01-8	Phenanthrene	1400		260	400	520	ug/Kg
120-12-7	Anthracene	1300		260	400	520	ug/Kg
86-74-8	Carbazole	1200		250	400	520	ug/Kg
84-74-2	Di-n-butylphthalate	1300		260	400	520	ug/Kg
206-44-0	Fluoranthene	1700		250	400	520	ug/Kg
92-87-5	Benzidine	810	J	500	830	1000	ug/Kg
129-00-0	Pyrene	1500		260	400	520	ug/Kg
85-68-7	Butylbenzylphthalate	1400		300	400	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	870	J	300	830	1000	ug/Kg
56-55-3	Benzo(a)anthracene	1400		250	400	520	ug/Kg
218-01-9	Chrysene	1300		240	400	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		280	400	520	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		340	830	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		250	400	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		250	400	520	ug/Kg
50-32-8	Benzo(a)pyrene	1400		290	400	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		240	400	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	950		250	400	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890		250	400	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		270	400	520	ug/Kg
123-91-1	1,4-Dioxane	1000		340	400	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		230	400	520	ug/Kg
90-12-0	1-Methylnaphthalene	1000		260	520	520	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.77		18-112		83	SPK: -150
13127-88-3	Phenol-d6	116.65		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	88.145		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	101.89		20-109		102	SPK: -100

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	TR-04-101524MSD	SDG No.:	BF102124
Lab Sample ID:	P4410-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.7
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
BF139907.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.88		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	85.855		10-105		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138355	6.892				
1146-65-2	Naphthalene-d8	475093	8.169				
15067-26-2	Acenaphthene-d10	214808	9.928				
1517-22-2	Phenanthrene-d10	356502	11.41				
1719-03-5	Chrysene-d12	252741	14.051				
1520-96-3	Perylene-d12	212749	15.533				

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	F05308-SOLIDRE	SDG No.:	BF102124
Lab Sample ID:	P4395-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
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
BF139908.D	1	10/14/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	63.8	U	63.8	200	240	ug/Kg
110-86-1	Pyridine	58.7	U	58.7	95.5	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	71.2	U	71.2	95.5	120	ug/Kg
108-95-2	Phenol	60.9	U	60.9	95.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.5	U	61.5	95.5	120	ug/Kg
95-57-8	2-Chlorophenol	61.3	U	61.3	95.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	62.1	U	62.1	95.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	63.2	U	63.2	95.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	63.5	U	63.5	95.5	120	ug/Kg
100-51-6	Benzyl Alcohol	61	U	61	200	240	ug/Kg
95-48-7	2-Methylphenol	59.2	U	59.2	95.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66.8	U	66.8	95.5	120	ug/Kg
98-86-2	Acetophenone	63.8	U	63.8	95.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	58.6	U	58.6	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.6	U	29.6	58.8	58.8	ug/Kg
67-72-1	Hexachloroethane	61	U	61	95.5	120	ug/Kg
98-95-3	Nitrobenzene	66.7	U	66.7	95.5	120	ug/Kg
78-59-1	Isophorone	62.1	U	62.1	95.5	120	ug/Kg
88-75-5	2-Nitrophenol	69.4	U	69.4	95.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.5	U	68.5	95.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63	U	63	95.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	55.5	U	55.5	95.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	62.7	U	62.7	95.5	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	60.7	U	60.7	95.5	120	ug/Kg
106-47-8	4-Chloroaniline	60.7	U	60.7	95.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	61.2	U	61.2	95.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	F05308-SOLIDRE	SDG No.:	BF102124
Lab Sample ID:	P4395-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
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
BF139908.D	1	10/14/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	63.8	U	63.8	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.9	U	56.9	95.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	60.6	U	60.6	95.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.4	U	52.4	95.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.4	U	54.4	95.5	120	ug/Kg
92-52-4	1,1-Biphenyl	64.2	U	64.2	95.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	61.2	U	61.2	95.5	120	ug/Kg
88-74-4	2-Nitroaniline	69.8	U	69.8	95.5	120	ug/Kg
131-11-3	Dimethylphthalate	60	U	60	95.5	120	ug/Kg
208-96-8	Acenaphthylene	63.5	U	63.5	95.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.1	U	61.1	95.5	120	ug/Kg
99-09-2	3-Nitroaniline	65.5	U	65.5	95.5	120	ug/Kg
83-32-9	Acenaphthene	59.6	U	59.6	95.5	120	ug/Kg
Total PAH	Total PAH	973.4	U	973.4	95.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	85.2	U	85.2	200	240	ug/Kg
132-64-9	Dibenzofuran	62	U	62	95.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	124.4	U	124.4	95.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	63.3	U	63.3	95.5	120	ug/Kg
84-66-2	Diethylphthalate	58.8	U	58.8	95.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.9	U	62.9	95.5	120	ug/Kg
86-73-7	Fluorene	62.8	U	62.8	95.5	120	ug/Kg
100-01-6	4-Nitroaniline	78.6	U	78.6	95.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85.9	U	85.9	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59.9	U	59.9	95.5	120	ug/Kg
103-33-3	Azobenzene	58.5	U	58.5	95.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	95.5	120	ug/Kg
118-74-1	Hexachlorobenzene	62.4	U	62.4	95.5	120	ug/Kg
1912-24-9	Atrazine	67.1	U	67.1	95.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	F05308-SOLIDRE	SDG No.:	BF102124
Lab Sample ID:	P4395-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
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
BF139908.D	1	10/14/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	56.8	U	56.8	200	240	ug/Kg
85-01-8	Phenanthrene	61.7	U	61.7	95.5	120	ug/Kg
120-12-7	Anthracene	62	U	62	95.5	120	ug/Kg
86-74-8	Carbazole	59	U	59	95.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	61.9	U	61.9	95.5	120	ug/Kg
206-44-0	Fluoranthene	140		60	95.5	120	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	120		61	95.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	71.1	U	71.1	95.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72.4	U	72.4	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	75.8	J	59.3	95.5	120	ug/Kg
218-01-9	Chrysene	81.8	J	58.4	95.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66.8	U	66.8	95.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	80.8	U	80.8	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.8	J	59.6	95.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60.7	U	60.7	95.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	71.7	J	68.3	95.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57.4	U	57.4	95.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59.6	U	59.6	95.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.8	U	58.8	95.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.8	U	63.8	95.5	120	ug/Kg
123-91-1	1,4-Dioxane	80.8	U	80.8	95.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.9	U	54.9	95.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	61.1	U	61.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.742		18-112		59	SPK: -150
13127-88-3	Phenol-d6	81.851		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	66.259		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	61.503		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	F05308-SOLIDRE	SDG No.:	BF102124
Lab Sample ID:	P4395-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
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
BF139908.D	1	10/14/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.756		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	47.189		10-105		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157913	6.893				
1146-65-2	Naphthalene-d8	535239	8.169				
15067-26-2	Acenaphthene-d10	246201	9.928				
1517-22-2	Phenanthrene-d10	428423	11.41				
1719-03-5	Chrysene-d12	301154	14.051				
1520-96-3	Perylene-d12	256782	15.533				

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	NB-08-101424RE	SDG No.:	BF102124
Lab Sample ID:	P4400-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139909.D	3	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	170	U	170	530	650	ug/Kg
110-86-1	Pyridine	160	U	160	250	330	ug/Kg
100-52-7	Benzaldehyde	360	U	360	530	650	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	170	U	170	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	530	650	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	160	U	160	530	650	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	78.9	U	78.9	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	170	U	170	250	330	ug/Kg
88-75-5	2-Nitrophenol	190	U	190	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	530	650	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:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	NB-08-101424RE	SDG No.:	BF102124
Lab Sample ID:	P4400-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139909.D	3	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	170	U	170	530	650	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	310	U	310	530	650	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	190	U	190	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	2600	U	2600	250	5280	ug/Kg
51-28-5	2,4-Dinitrophenol	480	U	480	530	650	ug/Kg
100-02-7	4-Nitrophenol	230	U	230	530	650	ug/Kg
132-64-9	Dibenzofuran	170	U	170	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	530	650	ug/Kg
86-30-6	n-Nitrosodiphenylamine	160	U	160	250	330	ug/Kg
103-33-3	Azobenzene	160	U	160	250	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	250	330	ug/Kg
118-74-1	Hexachlorobenzene	170	U	170	250	330	ug/Kg
1912-24-9	Atrazine	180	U	180	250	330	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	NB-08-101424RE	SDG No.:	BF102124
Lab Sample ID:	P4400-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139909.D	3	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	150	U	150	530	650	ug/Kg
85-01-8	Phenanthrene	160	U	160	250	330	ug/Kg
120-12-7	Anthracene	170	U	170	250	330	ug/Kg
86-74-8	Carbazole	160	U	160	250	330	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	250	330	ug/Kg
206-44-0	Fluoranthene	160	U	160	250	330	ug/Kg
92-87-5	Benzidine	320	U	320	530	650	ug/Kg
129-00-0	Pyrene	160	U	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	530	650	ug/Kg
56-55-3	Benzo(a)anthracene	160	U	160	250	330	ug/Kg
218-01-9	Chrysene	160	U	160	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	220	U	220	530	650	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	U	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	220	U	220	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	58.497		18-112		39	SPK: -150
13127-88-3	Phenol-d6	53.433		15-107		36	SPK: -150
4165-60-0	Nitrobenzene-d5	41.283		18-107		41	SPK: -100
321-60-8	2-Fluorobiphenyl	47.508		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	NB-08-101424RE	SDG No.:	BF102124
Lab Sample ID:	P4400-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139909.D	3	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	56.76		10-116		38	SPK: -150
1718-51-0	Terphenyl-d14	43.917		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142015	6.892				
1146-65-2	Naphthalene-d8	466247	8.169				
15067-26-2	Acenaphthene-d10	219761	9.928				
1517-22-2	Phenanthrene-d10	380066	11.416				
1719-03-5	Chrysene-d12	259100	14.051				
1520-96-3	Perylene-d12	216717	15.533				

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SU-03-101424RE	SDG No.:	BF102124
Lab Sample ID:	P4401-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
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
BF139910.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.7	U	53.7	170	200	ug/Kg
110-86-1	Pyridine	49.4	U	49.4	80.4	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	60	U	60	80.4	110	ug/Kg
108-95-2	Phenol	51.3	U	51.3	80.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	51.8	U	51.8	80.4	110	ug/Kg
95-57-8	2-Chlorophenol	51.7	U	51.7	80.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.4	U	52.4	80.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.2	U	53.2	80.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.5	U	53.5	80.4	110	ug/Kg
100-51-6	Benzyl Alcohol	51.4	U	51.4	170	200	ug/Kg
95-48-7	2-Methylphenol	49.9	U	49.9	80.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.3	U	56.3	80.4	110	ug/Kg
98-86-2	Acetophenone	53.8	U	53.8	80.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.4	U	49.4	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.9	U	24.9	49.5	49.5	ug/Kg
67-72-1	Hexachloroethane	51.4	U	51.4	80.4	110	ug/Kg
98-95-3	Nitrobenzene	56.2	U	56.2	80.4	110	ug/Kg
78-59-1	Isophorone	52.4	U	52.4	80.4	110	ug/Kg
88-75-5	2-Nitrophenol	58.5	U	58.5	80.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	57.7	U	57.7	80.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.1	U	53.1	80.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	46.7	U	46.7	80.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.8	U	52.8	80.4	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	200	ug/Kg
91-20-3	Naphthalene	51.1	U	51.1	80.4	110	ug/Kg
106-47-8	4-Chloroaniline	51.1	U	51.1	80.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	51.5	U	51.5	80.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SU-03-101424RE	SDG No.:	BF102124
Lab Sample ID:	P4401-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
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
BF139910.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.7	U	53.7	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	80.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.1	U	51.1	80.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96.5	U	96.5	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.2	U	44.2	80.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.8	U	45.8	80.4	110	ug/Kg
92-52-4	1,1-Biphenyl	54.1	U	54.1	80.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	51.5	U	51.5	80.4	110	ug/Kg
88-74-4	2-Nitroaniline	58.8	U	58.8	80.4	110	ug/Kg
131-11-3	Dimethylphthalate	50.6	U	50.6	80.4	110	ug/Kg
208-96-8	Acenaphthylene	53.5	U	53.5	80.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.5	U	51.5	80.4	110	ug/Kg
99-09-2	3-Nitroaniline	55.2	U	55.2	80.4	110	ug/Kg
83-32-9	Acenaphthene	50.2	U	50.2	80.4	110	ug/Kg
Total PAH	Total PAH	3075.7	U	820	80.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	71.8	U	71.8	170	200	ug/Kg
132-64-9	Dibenzofuran	52.2	U	52.2	80.4	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.3	U	53.3	80.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	104.8	U	104.8	80.4	220	ug/Kg
84-66-2	Diethylphthalate	49.6	U	49.6	80.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	80.4	110	ug/Kg
86-73-7	Fluorene	52.9	U	52.9	80.4	110	ug/Kg
100-01-6	4-Nitroaniline	66.2	U	66.2	80.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72.4	U	72.4	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.5	U	50.5	80.4	110	ug/Kg
103-33-3	Azobenzene	49.3	U	49.3	80.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.8	U	48.8	80.4	110	ug/Kg
118-74-1	Hexachlorobenzene	52.6	U	52.6	80.4	110	ug/Kg
1912-24-9	Atrazine	56.6	U	56.6	80.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SU-03-101424RE	SDG No.:	BF102124
Lab Sample ID:	P4401-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
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
BF139910.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47.8	U	47.8	170	200	ug/Kg
85-01-8	Phenanthrene	150		52	80.4	110	ug/Kg
120-12-7	Anthracene	55.7	J	52.2	80.4	110	ug/Kg
86-74-8	Carbazole	49.7	U	49.7	80.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.2	U	52.2	80.4	110	ug/Kg
206-44-0	Fluoranthene	540		50.6	80.4	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	200	ug/Kg
129-00-0	Pyrene	440		51.4	80.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	59.9	U	59.9	80.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	310		49.9	80.4	110	ug/Kg
218-01-9	Chrysene	260		49.2	80.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.3	U	56.3	80.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.1	U	68.1	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	410		50.2	80.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	180		51.1	80.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	370		57.6	80.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160		48.3	80.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.2	U	50.2	80.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		49.6	80.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.7	U	53.7	80.4	110	ug/Kg
123-91-1	1,4-Dioxane	68.1	U	68.1	80.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.2	U	46.2	80.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	51.5	U	51.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.866		18-112		51	SPK: -150
13127-88-3	Phenol-d6	69.985		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	53.984		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	57.515		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	SU-03-101424RE	SDG No.:	BF102124
Lab Sample ID:	P4401-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
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
BF139910.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.37		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	52.23		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153433	6.892				
1146-65-2	Naphthalene-d8	529936	8.175				
15067-26-2	Acenaphthene-d10	246349	9.927				
1517-22-2	Phenanthrene-d10	450537	11.416				
1719-03-5	Chrysene-d12	280448	14.057				
1520-96-3	Perylene-d12	244237	15.539				

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	OK-02-101524RE	SDG No.:	BF102124
Lab Sample ID:	P4406-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139911.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	U	270	830	1000	ug/Kg
110-86-1	Pyridine	240	U	240	400	520	ug/Kg
100-52-7	Benzaldehyde	560	U	560	830	1000	ug/Kg
62-53-3	Aniline	300	U	300	400	520	ug/Kg
108-95-2	Phenol	250	U	250	400	520	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	260	U	260	400	520	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	400	520	ug/Kg
95-50-1	1,2-Dichlorobenzene	260	U	260	400	520	ug/Kg
541-73-1	1,3-Dichlorobenzene	260	U	260	400	520	ug/Kg
106-46-7	1,4-Dichlorobenzene	270	U	270	400	520	ug/Kg
100-51-6	Benzyl Alcohol	250	U	250	830	1000	ug/Kg
95-48-7	2-Methylphenol	250	U	250	400	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	U	280	400	520	ug/Kg
98-86-2	Acetophenone	270	U	270	400	520	ug/Kg
65794-96-9	3+4-Methylphenols	240	U	240	830	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	250	250	ug/Kg
67-72-1	Hexachloroethane	250	U	250	400	520	ug/Kg
98-95-3	Nitrobenzene	280	U	280	400	520	ug/Kg
78-59-1	Isophorone	260	U	260	400	520	ug/Kg
88-75-5	2-Nitrophenol	290	U	290	400	520	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	290	400	520	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260	U	260	400	520	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	400	520	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260	U	260	400	520	ug/Kg
65-85-0	Benzoic acid	730	U	730	830	1000	ug/Kg
91-20-3	Naphthalene	250	U	250	400	520	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	400	520	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	400	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	OK-02-101524RE	SDG No.:	BF102124
Lab Sample ID:	P4406-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139911.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	270	U	270	830	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	400	520	ug/Kg
91-57-6	2-Methylnaphthalene	250	U	250	400	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	830	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	220	U	220	400	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	400	520	ug/Kg
92-52-4	1,1-Biphenyl	270	U	270	400	520	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	400	520	ug/Kg
88-74-4	2-Nitroaniline	290	U	290	400	520	ug/Kg
131-11-3	Dimethylphthalate	250	U	250	400	520	ug/Kg
208-96-8	Acenaphthylene	560		270	400	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	400	520	ug/Kg
99-09-2	3-Nitroaniline	270	U	270	400	520	ug/Kg
83-32-9	Acenaphthene	250	U	250	400	520	ug/Kg
Total PAH	Total PAH	11630	U	4060	400	8320	ug/Kg
51-28-5	2,4-Dinitrophenol	740	U	740	830	1000	ug/Kg
100-02-7	4-Nitrophenol	360	U	360	830	1000	ug/Kg
132-64-9	Dibenzofuran	260	U	260	400	520	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	510	U	510	400	1040	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	400	520	ug/Kg
84-66-2	Diethylphthalate	250	U	250	400	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	400	520	ug/Kg
86-73-7	Fluorene	260	J	260	400	520	ug/Kg
100-01-6	4-Nitroaniline	330	U	330	400	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	U	360	830	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	250	U	250	400	520	ug/Kg
103-33-3	Azobenzene	240	U	240	400	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	400	520	ug/Kg
118-74-1	Hexachlorobenzene	260	U	260	400	520	ug/Kg
1912-24-9	Atrazine	280	U	280	400	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	OK-02-101524RE	SDG No.:	BF102124
Lab Sample ID:	P4406-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139911.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	240	U	240	830	1000	ug/Kg
85-01-8	Phenanthrene	1200		260	400	520	ug/Kg
120-12-7	Anthracene	360	J	260	400	520	ug/Kg
86-74-8	Carbazole	250	U	250	400	520	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	400	520	ug/Kg
206-44-0	Fluoranthene	1500		250	400	520	ug/Kg
92-87-5	Benzidine	500	U	500	830	1000	ug/Kg
129-00-0	Pyrene	1700		250	400	520	ug/Kg
85-68-7	Butylbenzylphthalate	300	U	300	400	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	830	1000	ug/Kg
56-55-3	Benzo(a)anthracene	1100		250	400	520	ug/Kg
218-01-9	Chrysene	1000		240	400	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	280	400	520	ug/Kg
117-84-0	Di-n-octyl phthalate	340	U	340	830	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		250	400	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	580		250	400	520	ug/Kg
50-32-8	Benzo(a)pyrene	1100		280	400	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470	J	240	400	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250	U	250	400	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	600		250	400	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	400	520	ug/Kg
123-91-1	1,4-Dioxane	340	U	340	400	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	230	400	520	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	520	520	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.26		18-112		62	SPK: -150
13127-88-3	Phenol-d6	86.54		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	64.875		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	72.215		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	OK-02-101524RE	SDG No.:	BF102124
Lab Sample ID:	P4406-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.2
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139911.D	5	10/16/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164176

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.115		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	67.695		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148146	6.893				
1146-65-2	Naphthalene-d8	489177	8.175				
15067-26-2	Acenaphthene-d10	239002	9.928				
1517-22-2	Phenanthrene-d10	426372	11.416				
1719-03-5	Chrysene-d12	255164	14.057				
1520-96-3	Perylene-d12	227867	15.539				

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1	SDG No.:	BF102124
Lab Sample ID:	P4419-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139912.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	74.4	U	74.4	230	280	ug/Kg
110-86-1	Pyridine	68.5	U	68.5	110	150	ug/Kg
100-52-7	Benzaldehyde	160	U	160	230	280	ug/Kg
62-53-3	Aniline	83	U	83	110	150	ug/Kg
108-95-2	Phenol	71	U	71	110	150	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	71.7	U	71.7	110	150	ug/Kg
95-57-8	2-Chlorophenol	71.5	U	71.5	110	150	ug/Kg
95-50-1	1,2-Dichlorobenzene	72.5	U	72.5	110	150	ug/Kg
541-73-1	1,3-Dichlorobenzene	73.7	U	73.7	110	150	ug/Kg
106-46-7	1,4-Dichlorobenzene	74.1	U	74.1	110	150	ug/Kg
100-51-6	Benzyl Alcohol	71.1	U	71.1	230	280	ug/Kg
95-48-7	2-Methylphenol	69.1	U	69.1	110	150	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77.9	U	77.9	110	150	ug/Kg
98-86-2	Acetophenone	74.5	U	74.5	110	150	ug/Kg
65794-96-9	3+4-Methylphenols	68.4	U	68.4	230	280	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	34.5	U	34.5	68.5	68.5	ug/Kg
67-72-1	Hexachloroethane	71.1	U	71.1	110	150	ug/Kg
98-95-3	Nitrobenzene	77.8	U	77.8	110	150	ug/Kg
78-59-1	Isophorone	72.5	U	72.5	110	150	ug/Kg
88-75-5	2-Nitrophenol	81	U	81	110	150	ug/Kg
105-67-9	2,4-Dimethylphenol	79.9	U	79.9	110	150	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	73.5	U	73.5	110	150	ug/Kg
120-83-2	2,4-Dichlorophenol	64.7	U	64.7	110	150	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	73.2	U	73.2	110	150	ug/Kg
65-85-0	Benzoic acid	200	U	200	230	280	ug/Kg
91-20-3	Naphthalene	70.8	U	70.8	110	150	ug/Kg
106-47-8	4-Chloroaniline	70.8	U	70.8	110	150	ug/Kg
87-68-3	Hexachlorobutadiene	71.4	U	71.4	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1	SDG No.:	BF102124
Lab Sample ID:	P4419-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139912.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	74.4	U	74.4	230	280	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66.4	U	66.4	110	150	ug/Kg
91-57-6	2-Methylnaphthalene	70.7	U	70.7	110	150	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	230	280	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61.2	U	61.2	110	150	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63.4	U	63.4	110	150	ug/Kg
92-52-4	1,1-Biphenyl	74.9	U	74.9	110	150	ug/Kg
91-58-7	2-Chloronaphthalene	71.4	U	71.4	110	150	ug/Kg
88-74-4	2-Nitroaniline	81.4	U	81.4	110	150	ug/Kg
131-11-3	Dimethylphthalate	70	U	70	110	150	ug/Kg
208-96-8	Acenaphthylene	74.1	U	74.1	110	150	ug/Kg
606-20-2	2,6-Dinitrotoluene	71.3	U	71.3	110	150	ug/Kg
99-09-2	3-Nitroaniline	76.4	U	76.4	110	150	ug/Kg
83-32-9	Acenaphthene	69.5	U	69.5	110	150	ug/Kg
Total PAH	Total PAH	1194.3	U	1135.4	110	2400	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	230	280	ug/Kg
100-02-7	4-Nitrophenol	99.4	U	99.4	230	280	ug/Kg
132-64-9	Dibenzofuran	72.3	U	72.3	110	150	ug/Kg
121-14-2	2,4-Dinitrotoluene	73.9	U	73.9	110	150	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	145.2	U	145.2	110	300	ug/Kg
84-66-2	Diethylphthalate	68.6	U	68.6	110	150	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	73.3	U	73.3	110	150	ug/Kg
86-73-7	Fluorene	73.3	U	73.3	110	150	ug/Kg
100-01-6	4-Nitroaniline	91.7	U	91.7	110	150	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	230	280	ug/Kg
86-30-6	n-Nitrosodiphenylamine	69.9	U	69.9	110	150	ug/Kg
103-33-3	Azobenzene	68.2	U	68.2	110	150	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67.6	U	67.6	110	150	ug/Kg
118-74-1	Hexachlorobenzene	72.8	U	72.8	110	150	ug/Kg
1912-24-9	Atrazine	78.3	U	78.3	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1	SDG No.:	BF102124
Lab Sample ID:	P4419-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139912.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	66.2	U	66.2	230	280	ug/Kg
85-01-8	Phenanthrene	160		72	110	150	ug/Kg
120-12-7	Anthracene	72.3	U	72.3	110	150	ug/Kg
86-74-8	Carbazole	68.8	U	68.8	110	150	ug/Kg
84-74-2	Di-n-butylphthalate	72.2	U	72.2	110	150	ug/Kg
206-44-0	Fluoranthene	220		70	110	150	ug/Kg
92-87-5	Benzidine	140	U	140	230	280	ug/Kg
129-00-0	Pyrene	200		71.1	110	150	ug/Kg
85-68-7	Butylbenzylphthalate	82.9	U	82.9	110	150	ug/Kg
91-94-1	3,3-Dichlorobenzidine	84.5	U	84.5	230	280	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	69.1	110	150	ug/Kg
218-01-9	Chrysene	120	J	68.1	110	150	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78	U	78	110	150	ug/Kg
117-84-0	Di-n-octyl phthalate	94.2	U	94.2	230	280	ug/Kg
205-99-2	Benzo(b)fluoranthene	150		69.5	110	150	ug/Kg
207-08-9	Benzo(k)fluoranthene	74.3	J	70.8	110	150	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	79.7	110	150	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66.9	U	66.9	110	150	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69.6	U	69.6	110	150	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68.6	U	68.6	110	150	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	74.4	U	74.4	110	150	ug/Kg
123-91-1	1,4-Dioxane	94.2	U	94.2	110	150	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	110	150	ug/Kg
90-12-0	1-Methylnaphthalene	71.3	U	71.3	150	150	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.227		18-112		71	SPK: -150
13127-88-3	Phenol-d6	100.585		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	80.115		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	72.561		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1	SDG No.:	BF102124
Lab Sample ID:	P4419-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139912.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.404		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	59.831		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141928	6.892				
1146-65-2	Naphthalene-d8	472788	8.175				
15067-26-2	Acenaphthene-d10	215970	9.927				
1517-22-2	Phenanthrene-d10	387206	11.416				
1719-03-5	Chrysene-d12	242952	14.057				
1520-96-3	Perylene-d12	210607	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.187	
026730-14-3	Tridecane, 7-methyl-	490	J			8.592	
074645-98-0	Dodecane, 2,7,10-trimethyl-	510	J			9.192	
1000130-78-3	2-Methyl-Z-4-tetradecene	350	J			9.333	
003891-99-4	2,6,10-Trimethyltridecane	680	J			9.651	
	unknown9.798	210	J			9.798	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	190	J			10.033	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	240	J			10.128	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	230	J			10.245	
000629-50-5	Tridecane	680	J			10.58	
055045-11-9	Tridecane, 5-propyl-	910	J			10.845	
321732-25-6	Dehydrochamazulene	200	J			11.057	
000629-59-4	Tetradecane	610	J			11.31	
000057-10-3	n-Hexadecanoic acid	340	J			11.939	
220766-81-4	(4aS,5S,8aS)-5-Isopentyl-1,1,4a,6-	340	J			12.063	
	unknown12.163	300	J			12.163	
002221-95-6	(1S,4aS,4bS,7S,8aS,10aS)-7-Isoprop	260	J			12.274	
1000406-04-8	Pentadecafluorooctanoic acid, octa	360	J			13.898	
000629-78-7	Heptadecane	200	J			14.527	

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1	SDG No.:	BF102124
Lab Sample ID:	P4419-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139912.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-97-0	Docosane	420	J			15.18	

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1MS	SDG No.:	BF102124
Lab Sample ID:	P4419-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
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
BF139913.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		74.3	230	280	ug/Kg
110-86-1	Pyridine	1400		68.4	110	150	ug/Kg
100-52-7	Benzaldehyde	500		160	230	280	ug/Kg
62-53-3	Aniline	1000		83	110	150	ug/Kg
108-95-2	Phenol	1400		71	110	150	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		71.7	110	150	ug/Kg
95-57-8	2-Chlorophenol	1400		71.5	110	150	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		72.4	110	150	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		73.6	110	150	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		74.1	110	150	ug/Kg
100-51-6	Benzyl Alcohol	1400		71.1	230	280	ug/Kg
95-48-7	2-Methylphenol	1300		69	110	150	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		77.8	110	150	ug/Kg
98-86-2	Acetophenone	1500		74.4	110	150	ug/Kg
65794-96-9	3+4-Methylphenols	1300		68.3	230	280	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		34.5	68.5	68.5	ug/Kg
67-72-1	Hexachloroethane	1200		71.1	110	150	ug/Kg
98-95-3	Nitrobenzene	1400		77.8	110	150	ug/Kg
78-59-1	Isophorone	1500		72.4	110	150	ug/Kg
88-75-5	2-Nitrophenol	1500		80.9	110	150	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		79.8	110	150	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		73.5	110	150	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		64.6	110	150	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		73.1	110	150	ug/Kg
65-85-0	Benzoic acid	1300		200	230	280	ug/Kg
91-20-3	Naphthalene	1400		70.7	110	150	ug/Kg
106-47-8	4-Chloroaniline	530		70.7	110	150	ug/Kg
87-68-3	Hexachlorobutadiene	1400		71.3	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1MS	SDG No.:	BF102124
Lab Sample ID:	P4419-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
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
BF139913.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		74.3	230	280	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		66.4	110	150	ug/Kg
91-57-6	2-Methylnaphthalene	1300		70.6	110	150	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		130	230	280	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		61.1	110	150	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		63.4	110	150	ug/Kg
92-52-4	1,1-Biphenyl	1500		74.8	110	150	ug/Kg
91-58-7	2-Chloronaphthalene	1400		71.3	110	150	ug/Kg
88-74-4	2-Nitroaniline	1700		81.3	110	150	ug/Kg
131-11-3	Dimethylphthalate	1500		70	110	150	ug/Kg
208-96-8	Acenaphthylene	1500		74.1	110	150	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		71.2	110	150	ug/Kg
99-09-2	3-Nitroaniline	1400		76.4	110	150	ug/Kg
83-32-9	Acenaphthene	1400		69.4	110	150	ug/Kg
Total PAH	Total PAH	23700		1134.6	110	2400	ug/Kg
51-28-5	2,4-Dinitrophenol	770		210	230	280	ug/Kg
100-02-7	4-Nitrophenol	3200	E	99.3	230	280	ug/Kg
132-64-9	Dibenzofuran	1400		72.3	110	150	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800		145	110	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		73.8	110	150	ug/Kg
84-66-2	Diethylphthalate	1400		68.6	110	150	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		73.3	110	150	ug/Kg
86-73-7	Fluorene	1400		73.2	110	150	ug/Kg
100-01-6	4-Nitroaniline	1500		91.6	110	150	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	420		100	230	280	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		69.9	110	150	ug/Kg
103-33-3	Azobenzene	1500		68.2	110	150	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		67.6	110	150	ug/Kg
118-74-1	Hexachlorobenzene	1400		72.8	110	150	ug/Kg
1912-24-9	Atrazine	1700		78.3	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1MS	SDG No.:	BF102124
Lab Sample ID:	P4419-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
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
BF139913.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	66.2	230	280	ug/Kg
85-01-8	Phenanthrene	1600		71.9	110	150	ug/Kg
120-12-7	Anthracene	1600		72.3	110	150	ug/Kg
86-74-8	Carbazole	1500		68.8	110	150	ug/Kg
84-74-2	Di-n-butylphthalate	1600		72.2	110	150	ug/Kg
206-44-0	Fluoranthene	1700		70	110	150	ug/Kg
92-87-5	Benzidine	3100	E	140	230	280	ug/Kg
129-00-0	Pyrene	1500		71.1	110	150	ug/Kg
85-68-7	Butylbenzylphthalate	2000		82.9	110	150	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		84.4	230	280	ug/Kg
56-55-3	Benzo(a)anthracene	1600		69.1	110	150	ug/Kg
218-01-9	Chrysene	1500		68.1	110	150	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		77.9	110	150	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		94.2	230	280	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		69.4	110	150	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		70.7	110	150	ug/Kg
50-32-8	Benzo(a)pyrene	1700		79.6	110	150	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		66.9	110	150	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		69.5	110	150	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		68.6	110	150	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		74.3	110	150	ug/Kg
123-91-1	1,4-Dioxane	1300		94.2	110	150	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		64	110	150	ug/Kg
90-12-0	1-Methylnaphthalene	1200		71.2	150	150	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.885		18-112		67	SPK: -150
13127-88-3	Phenol-d6	94.844		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	76.421		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	69.894		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1MS	SDG No.:	BF102124
Lab Sample ID:	P4419-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
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
BF139913.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.093		10-116		74	SPK: -150
1718-51-0	Terphenyl-d14	58.347		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134451	6.892				
1146-65-2	Naphthalene-d8	448718	8.175				
15067-26-2	Acenaphthene-d10	204924	9.933				
1517-22-2	Phenanthrene-d10	353593	11.422				
1719-03-5	Chrysene-d12	220529	14.057				
1520-96-3	Perylene-d12	196259	15.539				

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1MSD	SDG No.:	BF102124
Lab Sample ID:	P4419-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139914.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		74.4	230	280	ug/Kg
110-86-1	Pyridine	1400		68.5	110	150	ug/Kg
100-52-7	Benzaldehyde	520		160	230	280	ug/Kg
62-53-3	Aniline	1000		83	110	150	ug/Kg
108-95-2	Phenol	1500		71	110	150	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		71.7	110	150	ug/Kg
95-57-8	2-Chlorophenol	1500		71.6	110	150	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		72.5	110	150	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		73.7	110	150	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		74.1	110	150	ug/Kg
100-51-6	Benzyl Alcohol	1500		71.1	230	280	ug/Kg
95-48-7	2-Methylphenol	1400		69.1	110	150	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		77.9	110	150	ug/Kg
98-86-2	Acetophenone	1600		74.5	110	150	ug/Kg
65794-96-9	3+4-Methylphenols	1400		68.4	230	280	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		34.5	68.6	68.6	ug/Kg
67-72-1	Hexachloroethane	1200		71.1	110	150	ug/Kg
98-95-3	Nitrobenzene	1500		77.8	110	150	ug/Kg
78-59-1	Isophorone	1600		72.5	110	150	ug/Kg
88-75-5	2-Nitrophenol	1700		81	110	150	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		79.9	110	150	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		73.5	110	150	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		64.7	110	150	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		73.2	110	150	ug/Kg
65-85-0	Benzoic acid	1400		200	230	280	ug/Kg
91-20-3	Naphthalene	1500		70.8	110	150	ug/Kg
106-47-8	4-Chloroaniline	630		70.8	110	150	ug/Kg
87-68-3	Hexachlorobutadiene	1500		71.4	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1MSD	SDG No.:	BF102124
Lab Sample ID:	P4419-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139914.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		74.4	230	280	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		66.4	110	150	ug/Kg
91-57-6	2-Methylnaphthalene	1400		70.7	110	150	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		130	230	280	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		61.2	110	150	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		63.4	110	150	ug/Kg
92-52-4	1,1-Biphenyl	1500		74.9	110	150	ug/Kg
91-58-7	2-Chloronaphthalene	1500		71.4	110	150	ug/Kg
88-74-4	2-Nitroaniline	1700		81.4	110	150	ug/Kg
131-11-3	Dimethylphthalate	1500		70	110	150	ug/Kg
208-96-8	Acenaphthylene	1600		74.1	110	150	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		71.3	110	150	ug/Kg
99-09-2	3-Nitroaniline	1400		76.4	110	150	ug/Kg
83-32-9	Acenaphthene	1500		69.5	110	150	ug/Kg
Total PAH	Total PAH	25200		1135.5	110	2400	ug/Kg
51-28-5	2,4-Dinitrophenol	1000		210	230	280	ug/Kg
100-02-7	4-Nitrophenol	3300	E	99.4	230	280	ug/Kg
132-64-9	Dibenzofuran	1500		72.3	110	150	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		145.2	110	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		73.9	110	150	ug/Kg
84-66-2	Diethylphthalate	1500		68.6	110	150	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		73.4	110	150	ug/Kg
86-73-7	Fluorene	1500		73.3	110	150	ug/Kg
100-01-6	4-Nitroaniline	1500		91.7	110	150	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	540		100	230	280	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		69.9	110	150	ug/Kg
103-33-3	Azobenzene	1500		68.2	110	150	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		67.6	110	150	ug/Kg
118-74-1	Hexachlorobenzene	1500		72.8	110	150	ug/Kg
1912-24-9	Atrazine	1900		78.3	110	150	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1MSD	SDG No.:	BF102124
Lab Sample ID:	P4419-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139914.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3200	E	66.2	230	280	ug/Kg
85-01-8	Phenanthrene	1700		72	110	150	ug/Kg
120-12-7	Anthracene	1800		72.3	110	150	ug/Kg
86-74-8	Carbazole	1600		68.8	110	150	ug/Kg
84-74-2	Di-n-butylphthalate	1700		72.2	110	150	ug/Kg
206-44-0	Fluoranthene	1800		70	110	150	ug/Kg
92-87-5	Benzidine	3400	E	140	230	280	ug/Kg
129-00-0	Pyrene	1600		71.1	110	150	ug/Kg
85-68-7	Butylbenzylphthalate	2100		83	110	150	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		84.5	230	280	ug/Kg
56-55-3	Benzo(a)anthracene	1700		69.2	110	150	ug/Kg
218-01-9	Chrysene	1600		68.1	110	150	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300	E	78	110	150	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		94.3	230	280	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		69.5	110	150	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		70.8	110	150	ug/Kg
50-32-8	Benzo(a)pyrene	1700		79.7	110	150	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		66.9	110	150	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		69.6	110	150	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		68.6	110	150	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		74.4	110	150	ug/Kg
123-91-1	1,4-Dioxane	1400		94.3	110	150	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		64	110	150	ug/Kg
90-12-0	1-Methylnaphthalene	1300		71.3	150	150	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.526		18-112		69	SPK: -150
13127-88-3	Phenol-d6	98.828		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	81.013		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	71.831		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	IB-1MSD	SDG No.:	BF102124
Lab Sample ID:	P4419-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139914.D	1	10/17/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.408		10-116		77	SPK: -150
1718-51-0	Terphenyl-d14	61.301		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130734	6.893				
1146-65-2	Naphthalene-d8	435954	8.175				
15067-26-2	Acenaphthene-d10	207044	9.933				
1517-22-2	Phenanthrene-d10	353526	11.416				
1719-03-5	Chrysene-d12	219663	14.057				
1520-96-3	Perylene-d12	191968	15.539				

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:	SU-4-101824	SDG No.:	BF102124
Lab Sample ID:	P4455-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF139915.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.2	U	57.2	180	220	ug/Kg
110-86-1	Pyridine	52.6	U	52.6	85.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.8	U	63.8	85.6	110	ug/Kg
108-95-2	Phenol	54.6	U	54.6	85.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.1	U	55.1	85.6	110	ug/Kg
95-57-8	2-Chlorophenol	55	U	55	85.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.7	U	55.7	85.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.6	U	56.6	85.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57	U	57	85.6	110	ug/Kg
100-51-6	Benzyl Alcohol	54.6	U	54.6	180	220	ug/Kg
95-48-7	2-Methylphenol	53.1	U	53.1	85.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.9	U	59.9	85.6	110	ug/Kg
98-86-2	Acetophenone	57.2	U	57.2	85.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.5	U	52.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.5	U	26.5	52.7	52.7	ug/Kg
67-72-1	Hexachloroethane	54.6	U	54.6	85.6	110	ug/Kg
98-95-3	Nitrobenzene	59.8	U	59.8	85.6	110	ug/Kg
78-59-1	Isophorone	55.7	U	55.7	85.6	110	ug/Kg
88-75-5	2-Nitrophenol	62.2	U	62.2	85.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.4	U	61.4	85.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.5	U	56.5	85.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.7	U	49.7	85.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.2	U	56.2	85.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.4	U	54.4	85.6	110	ug/Kg
106-47-8	4-Chloroaniline	54.4	U	54.4	85.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.8	U	54.8	85.6	110	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:	SU-4-101824	SDG No.:	BF102124
Lab Sample ID:	P4455-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF139915.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.2	U	57.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	85.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.3	U	54.3	85.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	85.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.7	U	48.7	85.6	110	ug/Kg
92-52-4	1,1-Biphenyl	57.5	U	57.5	85.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.8	U	54.8	85.6	110	ug/Kg
88-74-4	2-Nitroaniline	62.5	U	62.5	85.6	110	ug/Kg
131-11-3	Dimethylphthalate	53.8	U	53.8	85.6	110	ug/Kg
208-96-8	Acenaphthylene	57	U	57	85.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.8	U	54.8	85.6	110	ug/Kg
99-09-2	3-Nitroaniline	58.7	U	58.7	85.6	110	ug/Kg
83-32-9	Acenaphthene	53.4	U	53.4	85.6	110	ug/Kg
Total PAH	Total PAH	922.3	U	872.4	85.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.4	U	76.4	180	220	ug/Kg
132-64-9	Dibenzofuran	55.6	U	55.6	85.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.8	U	56.8	85.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.6	U	111.6	85.6	220	ug/Kg
84-66-2	Diethylphthalate	52.7	U	52.7	85.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.4	U	56.4	85.6	110	ug/Kg
86-73-7	Fluorene	56.3	U	56.3	85.6	110	ug/Kg
100-01-6	4-Nitroaniline	70.5	U	70.5	85.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.7	U	53.7	85.6	110	ug/Kg
103-33-3	Azobenzene	52.4	U	52.4	85.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.9	U	51.9	85.6	110	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	85.6	110	ug/Kg
1912-24-9	Atrazine	60.2	U	60.2	85.6	110	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:	SU-4-101824	SDG No.:	BF102124
Lab Sample ID:	P4455-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF139915.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.9	U	50.9	180	220	ug/Kg
85-01-8	Phenanthrene	68.3	J	55.3	85.6	110	ug/Kg
120-12-7	Anthracene	55.6	U	55.6	85.6	110	ug/Kg
86-74-8	Carbazole	52.9	U	52.9	85.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.5	U	55.5	85.6	110	ug/Kg
206-44-0	Fluoranthene	290		53.8	85.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	210		54.6	85.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.7	U	63.7	85.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.9	U	64.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	81.9	J	53.1	85.6	110	ug/Kg
218-01-9	Chrysene	110		52.3	85.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.9	U	59.9	85.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.4	U	72.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	J	53.4	85.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.4	U	54.4	85.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.1	J	61.2	85.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.4	U	51.4	85.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.5	U	53.5	85.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.7	U	52.7	85.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.2	U	57.2	85.6	110	ug/Kg
123-91-1	1,4-Dioxane	72.4	U	72.4	85.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.2	U	49.2	85.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.8	U	54.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	20.385	*	18-112		14	SPK: -150
13127-88-3	Phenol-d6	19.132	*	15-107		13	SPK: -150
4165-60-0	Nitrobenzene-d5	14.097	*	18-107		14	SPK: -100
321-60-8	2-Fluorobiphenyl	15.927	*	20-109		16	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:	SU-4-101824	SDG No.:	BF102124
Lab Sample ID:	P4455-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9
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
BF139915.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	19.947		10-116		13	SPK: -150
1718-51-0	Terphenyl-d14	14.697		10-105		15	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142497	6.892				
1146-65-2	Naphthalene-d8	471931	8.175				
15067-26-2	Acenaphthene-d10	230288	9.927				
1517-22-2	Phenanthrene-d10	416244	11.416				
1719-03-5	Chrysene-d12	254305	14.051				
1520-96-3	Perylene-d12	213719	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	400	J			2.157	
002531-84-2	Phenanthrene, 2-methyl-	61.2	J			11.939	

Hit Summary Sheet SW-846

SDG No.: BF102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : F05308-SOLIDRE								
P4395-01RE	F05308-SOLIDRE	Solid	Benzo(a)anthracene	75.800	J	59.3	120	ug/Kg
P4395-01RE	F05308-SOLIDRE	Solid	Benzo(a)pyrene	71.700	J	68.3	120	ug/Kg
P4395-01RE	F05308-SOLIDRE	Solid	Benzo(b)fluoranthene	90.800	J	59.6	120	ug/Kg
P4395-01RE	F05308-SOLIDRE	Solid	Chrysene	81.800	J	58.4	120	ug/Kg
P4395-01RE	F05308-SOLIDRE	Solid	Fluoranthene	140.000		60	120	ug/Kg
P4395-01RE	F05308-SOLIDRE	Solid	Pyrene	120.000		61	120	ug/Kg
Total Svoc :				580.10				
Total Concentration:				580.10				
Client ID : SU-03-101424RE								
P4401-01RE	SU-03-101424RE	Solid	Anthracene	55.700	J	52.2	110	ug/Kg
P4401-01RE	SU-03-101424RE	Solid	Benzo(a)anthracene	310.000		49.9	110	ug/Kg
P4401-01RE	SU-03-101424RE	Solid	Benzo(a)pyrene	370.000		57.6	110	ug/Kg
P4401-01RE	SU-03-101424RE	Solid	Benzo(b)fluoranthene	410.000		50.2	110	ug/Kg
P4401-01RE	SU-03-101424RE	Solid	Benzo(g,h,i)perylene	200.000		49.6	110	ug/Kg
P4401-01RE	SU-03-101424RE	Solid	Benzo(k)fluoranthene	180.000		51.1	110	ug/Kg
P4401-01RE	SU-03-101424RE	Solid	Chrysene	260.000		49.2	110	ug/Kg
P4401-01RE	SU-03-101424RE	Solid	Fluoranthene	540.000		50.6	110	ug/Kg
P4401-01RE	SU-03-101424RE	Solid	Indeno(1,2,3-cd)pyrene	160.000		48.3	110	ug/Kg
P4401-01RE	SU-03-101424RE	Solid	Phenanthrene	150.000		52	110	ug/Kg
P4401-01RE	SU-03-101424RE	Solid	Pyrene	440.000		51.4	110	ug/Kg
Total Svoc :				3,075.70				
Total Concentration:				3,075.70				
Client ID : OK-02-101524RE								
P4406-01RE	OK-02-101524RE	Solid	Acenaphthylene	560.000		270	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Anthracene	360.000	J	260	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Benzo(a)anthracene	1,100.000		250	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Benzo(a)pyrene	1,100.000		280	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Benzo(b)fluoranthene	1,200.000		250	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Benzo(g,h,i)perylene	600.000		250	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Benzo(k)fluoranthene	580.000		250	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Chrysene	1,000.000		240	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Fluoranthene	1,500.000		250	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Fluorene	260.000	J	260	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Indeno(1,2,3-cd)pyrene	470.000	J	240	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Phenanthrene	1,200.000		260	520	ug/Kg
P4406-01RE	OK-02-101524RE	Solid	Pyrene	1,700.000		250	520	ug/Kg
Total Svoc :				11,630.00				

Hit Summary Sheet
SW-846

SDG No.: BF102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				11,630.00				
Client ID : TR-04-101524RE								
P4410-01RE	TR-04-101524RE	Solid	Benzo(a)anthracene	260.000	J	250	520	ug/Kg
P4410-01RE	TR-04-101524RE	Solid	Benzo(b)fluoranthene	300.000	J	250	520	ug/Kg
P4410-01RE	TR-04-101524RE	Solid	Chrysene	270.000	J	240	520	ug/Kg
P4410-01RE	TR-04-101524RE	Solid	Fluoranthene	400.000	J	250	520	ug/Kg
P4410-01RE	TR-04-101524RE	Solid	Pyrene	410.000	J	260	520	ug/Kg
Total Svoc :				1,640.00				
Total Concentration:				1,640.00				
Client ID : IB-1								
P4419-01	IB-1	Solid	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopropyl-1,2,3,4-tetrahydronaphthalene *	260.000	J			
P4419-01	IB-1	Solid	(4aS,5S,8aS)-5-Isopentyl-1,1,4a,6,8a-hexahydronaphthalene *	340.000	J			
P4419-01	IB-1	Solid	2,6,10-Trimethyltridecane *	680.000	J			
P4419-01	IB-1	Solid	2-Methyl-Z-4-tetradecene *	350.000	J			
P4419-01	IB-1	Solid	Butane, 2-methoxy-2-methyl-2-butanol *	2,000.000	J			
P4419-01	IB-1	Solid	Dehydrochamazulene *	200.000	J			
P4419-01	IB-1	Solid	Docosane *	420.000	J			
P4419-01	IB-1	Solid	Dodecane, 2,7,10-trimethyl-2,4,6,8-tetramethylundecane *	510.000	J			
P4419-01	IB-1	Solid	Heptadecane *	200.000	J			
P4419-01	IB-1	Solid	n-Hexadecanoic acid *	340.000	J			
P4419-01	IB-1	Solid	Naphthalene, 1,4,6-trimethyl-2,3,5-trimethyl-6-methyl-7-methyl-8-methyl-9-methyl-10-methyl-11-methyl-12-methyl-1,2,3,4,5,6,7,8,9,10,11,12-tetradecahydronaphthalene *	240.000	J			
P4419-01	IB-1	Solid	Naphthalene, 1,6,7-trimethyl-2,3,4,5,8,9,10,11,12-octamethyl-1,2,3,4,5,6,7,8,9,10,11,12-tetradecahydronaphthalene *	230.000	J			
P4419-01	IB-1	Solid	Naphthalene, 2,3,6-trimethyl-2,3,4,5,8,9,10,11,12-octamethyl-1,2,3,4,5,6,7,8,9,10,11,12-tetradecahydronaphthalene *	190.000	J			
P4419-01	IB-1	Solid	Pentadecafluorooctanoic acid, octyl ester *	360.000	J			
P4419-01	IB-1	Solid	Tetradecane *	610.000	J			
P4419-01	IB-1	Solid	Tridecane *	680.000	J			
P4419-01	IB-1	Solid	Tridecane, 5-propyl-1,2,3,4,5,6,7,8,9,10,11,12-tetradecane *	910.000	J			
P4419-01	IB-1	Solid	Tridecane, 7-methyl-1,2,3,4,5,6,7,8,9,10,11,12-tetradecane *	490.000	J			
P4419-01	IB-1	Solid	unknown12.163	300.000	J			
P4419-01	IB-1	Solid	unknown9.798	210.000	J			
Total Tics :				9,520.00				
P4419-01	IB-1	Solid	Benzo(a)anthracene	130.000	J	69.1	150	ug/Kg
P4419-01	IB-1	Solid	Benzo(a)pyrene	140.000	J	79.7	150	ug/Kg
P4419-01	IB-1	Solid	Benzo(b)fluoranthene	150.000		69.5	150	ug/Kg
P4419-01	IB-1	Solid	Benzo(k)fluoranthene	74.300	J	70.8	150	ug/Kg
P4419-01	IB-1	Solid	Chrysene	120.000	J	68.1	150	ug/Kg
P4419-01	IB-1	Solid	Fluoranthene	220.000		70	150	ug/Kg
P4419-01	IB-1	Solid	Phenanthrene	160.000		72	150	ug/Kg
P4419-01	IB-1	Solid	Pyrene	200.000		71.1	150	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				1,194.30				
Total Concentration:				10,714.30				
Client ID : TP-4								
P4425-07	TP-4	Solid	2-Pentanone, 4-hydroxy-4-methyl *	120.000	A			
P4425-07	TP-4	Solid	Benzophenone *	210.000	J			
P4425-07	TP-4	Solid	Butane, 2-methoxy-2-methyl-	1,300.000	J			
P4425-07	TP-4	Solid	Heptadecyl trifluoroacetate *	110.000	J			
P4425-07	TP-4	Solid	n-Hexadecanoic acid *	110.000	J			
Total Tics :				1,850.00				
Total Concentration:				1,850.00				
Client ID : TP-5								
P4425-09	TP-5	Solid	2-Pentanone, 4-hydroxy-4-methyl *	120.000	A			
P4425-09	TP-5	Solid	Benzophenone *	110.000	J			
P4425-09	TP-5	Solid	Butane, 2-methoxy-2-methyl-	1,300.000	J			
P4425-09	TP-5	Solid	n-Hexadecanoic acid *	58.100	J			
P4425-09	TP-5	Solid	Trifluoroacetoxy hexadecane *	94.700	J			
Total Tics :				1,682.80				
Total Concentration:				1,682.80				
Client ID : SU-4-101824								
P4455-01	SU-4-101824	Solid	Butane, 2-methoxy-2-methyl-	400.000	J			
P4455-01	SU-4-101824	Solid	Phenanthrene, 2-methyl-	61.200	J			
Total Tics :				461.20				
P4455-01	SU-4-101824	Solid	Benzo(a)anthracene	81.900	J	53.1	110	ug/Kg
P4455-01	SU-4-101824	Solid	Benzo(a)pyrene	62.100	J	61.2	110	ug/Kg
P4455-01	SU-4-101824	Solid	Benzo(b)fluoranthene	100.000	J	53.4	110	ug/Kg
P4455-01	SU-4-101824	Solid	Chrysene	110.000		52.3	110	ug/Kg
P4455-01	SU-4-101824	Solid	Fluoranthene	290.000		53.8	110	ug/Kg
P4455-01	SU-4-101824	Solid	Phenanthrene	68.300	J	55.3	110	ug/Kg
P4455-01	SU-4-101824	Solid	Pyrene	210.000		54.6	110	ug/Kg
Total Svoc :				922.30				
Total Concentration:				1,383.50				



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102124 SAS No.: BF102124 SDG NO.: BF102124

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 10:25

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	PB164123BL	167950	6.89	682521	8.17	387913	9.93
02	VNJ-209	191379	6.89	735596	8.17	348508	9.93
03	TP-4	172570	6.89	652270	8.17	357349	9.93
04	TP-5	164578	6.89	628643	8.17	348404	9.92
05	PAD-2	159852	6.89	606491	8.17	331573	9.92
06	PAD-4	168739	6.89	643521	8.17	345378	9.92
07	PAD-9	164670	6.89	637297	8.17	342781	9.92
08	PAD-6	160414	6.89	606878	8.17	328144	9.92
09	WASTE-WATER-FRAC-TANKRE	180088	6.89	699613	8.17	370461	9.93
10	SP-3MS	159111	6.89	617785	8.18	335465	9.93
11	SP-3MSD	163321	6.89	638402	8.18	343933	9.93
12	Hawthorne TP SoilRE	180620	6.89	699996	8.17	377563	9.92
13	TR-04-101524RE	168660	6.89	603283	8.17	275624	9.93
14	TR-04-101524MS	224528	6.89	790392	8.17	369108	9.93
15	TR-04-101524MSD	138355	6.89	475093	8.17	214808	9.93
16	F05308-SOLIDRE	157913	6.89	535239	8.17	246201	9.93
17	NB-08-101424RE	142015	6.89	466247	8.17	219761	9.93
18	SU-03-101424RE	153433	6.89	529936	8.18	246349	9.93
19	OK-02-101524RE	148146	6.89	489177	8.18	239002	9.93
20	IB-1	141928	6.89	472788	8.18	215970	9.93
21	IB-1MS	134451	6.89	448718	8.18	204924	9.93
22	IB-1MSD	130734	6.89	435954	8.18	207044	9.93
23	SU-4-101824	142497	6.89	471931	8.18	230288	9.93

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102124 SAS No.: BF102124 SDG NO.: BF102124

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 21 2024 12:00AM

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

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.: BF102124 SAS No.: BF102124 SDG NO.: BF102124

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BF139892.D Time Analyzed: 10:25

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	170135	6.892	645389	8.18	355580	9.93
	UPPER LIMIT	340270	7.392	1290778	8.675	711160	10.427
	LOWER LIMIT	85067.5	6.392	322694.5	7.675	177790	9.427
	EPA SAMPLE NO.						
01	PB164123BL	167950	6.89	682521	8.17	387913	9.93
02	VNJ-209	191379	6.89	735596	8.17	348508	9.93
03	TP-4	172570	6.89	652270	8.17	357349	9.93
04	TP-5	164578	6.89	628643	8.17	348404	9.92
05	PAD-2	159852	6.89	606491	8.17	331573	9.92
06	PAD-4	168739	6.89	643521	8.17	345378	9.92
07	PAD-9	164670	6.89	637297	8.17	342781	9.92
08	PAD-6	160414	6.89	606878	8.17	328144	9.92
09	WASTE-WATER-FRAC-TANKRE	180088	6.89	699613	8.17	370461	9.93
10	SP-3MS	159111	6.89	617785	8.18	335465	9.93
11	SP-3MSD	163321	6.89	638402	8.18	343933	9.93
12	Hawthorne TP SoilRE	180620	6.89	699996	8.17	377563	9.92
13	TR-04-101524RE	168660	6.89	603283	8.17	275624	9.93
14	TR-04-101524MS	224528	6.89	790392	8.17	369108	9.93
15	TR-04-101524MSD	138355	6.89	475093	8.17	214808	9.93
16	F05308-SOLIDRE	157913	6.89	535239	8.17	246201	9.93
17	NB-08-101424RE	142015	6.89	466247	8.17	219761	9.93
18	SU-03-101424RE	153433	6.89	529936	8.18	246349	9.93
19	OK-02-101524RE	148146	6.89	489177	8.18	239002	9.93
20	IB-1	141928	6.89	472788	8.18	215970	9.93
21	IB-1MS	134451	6.89	448718	8.18	204924	9.93
22	IB-1MSD	130734	6.89	435954	8.18	207044	9.93
23	SU-4-101824	142497	6.89	471931	8.18	230288	9.93

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102124 SAS No.: BF102124 SDG NO.: BF102124

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BF139892.D Time Analyzed: 21:01

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	170135	6.892	645389	8.18	355580	9.93
UPPER LIMIT	340270	7.392	1290778	8.675	711160	10.427
LOWER LIMIT	85067.5	6.392	322694.5	7.675	177790	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102124 SAS No.: BF102124 SDG NO.: BF102124

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 10:25

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	PB164123BL	717487	11.41	434664	14.05	327943	15.53
02	VNJ-209	674496	11.41	306144	14.05	55434 *	15.53
03	TP-4	601268	11.41	293972	14.05	346085	15.53
04	TP-5	578725	11.41	287484	14.05	327876	15.53
05	PAD-2	530976	11.41	262530	14.05	323097	15.53
06	PAD-4	592461	11.41	304655	14.05	332840	15.53
07	PAD-9	553534	11.41	272283	14.05	333877	15.53
08	PAD-6	513543	11.41	253605	14.05	328177	15.53
09	WASTE-WATER-FRAC-TANKRE	581447	11.41	321399	14.05	395365	15.53
10	SP-3MS	563658	11.42	294671	14.06	343985	15.53
11	SP-3MSD	570576	11.42	298930	14.06	341306	15.53
12	Hawthorne TP SoilRE	613880	11.41	346134	14.05	401756	15.53
13	TR-04-101524RE	421175	11.41	327188	14.05	286832	15.53
14	TR-04-101524MS	591109	11.41	427241	14.05	354492	15.53
15	TR-04-101524MSD	356502	11.41	252741	14.05	212749	15.53
16	F05308-SOLIDRE	428423	11.41	301154	14.05	256782	15.53
17	NB-08-101424RE	380066	11.42	259100	14.05	216717	15.53
18	SU-03-101424RE	450537	11.42	280448	14.06	244237	15.54
19	OK-02-101524RE	426372	11.42	255164	14.06	227867	15.54
20	IB-1	387206	11.42	242952	14.06	210607	15.53
21	IB-1MS	353593	11.42	220529	14.06	196259	15.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102124 SAS No.: BF102124 SDG NO.: BF102124

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 20:32

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 IB-1MSD	353526	11.42	219663	14.06	191968	15.54
23 SU-4-101824	416244	11.42	254305	14.05	213719	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.: BF102124 SAS No.: BF102124 SDG NO.: BF102124

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BF139892.D Time Analyzed: 10:25

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	607097	11.416	292847	14.057	323975	15.533
	UPPER LIMIT	1214194	11.916	585694	14.557	647950	16.033
	LOWER LIMIT	303548.5	10.916	146423.5	13.557	161987.5	15.033
	EPA SAMPLE NO.						
01	PB164123BL	717487	11.41	434664	14.05	327943	15.53
02	VNJ-209	674496	11.41	306144	14.05	55434 *	15.53
03	TP-4	601268	11.41	293972	14.05	346085	15.53
04	TP-5	578725	11.41	287484	14.05	327876	15.53
05	PAD-2	530976	11.41	262530	14.05	323097	15.53
06	PAD-4	592461	11.41	304655	14.05	332840	15.53
07	PAD-9	553534	11.41	272283	14.05	333877	15.53
08	PAD-6	513543	11.41	253605	14.05	328177	15.53
09	WASTE-WATER-FRAC-TANKRE	581447	11.41	321399	14.05	395365	15.53
10	SP-3MS	563658	11.42	294671	14.06	343985	15.53
11	SP-3MSD	570576	11.42	298930	14.06	341306	15.53
12	Hawthorne TP SoilRE	613880	11.41	346134	14.05	401756	15.53
13	TR-04-101524RE	421175	11.41	327188	14.05	286832	15.53
14	TR-04-101524MS	591109	11.41	427241	14.05	354492	15.53
15	TR-04-101524MSD	356502	11.41	252741	14.05	212749	15.53
16	F05308-SOLIDRE	428423	11.41	301154	14.05	256782	15.53
17	NB-08-101424RE	380066	11.42	259100	14.05	216717	15.53
18	SU-03-101424RE	450537	11.42	280448	14.06	244237	15.54
19	OK-02-101524RE	426372	11.42	255164	14.06	227867	15.54
20	IB-1	387206	11.42	242952	14.06	210607	15.53
21	IB-1MS	353593	11.42	220529	14.06	196259	15.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102124 SAS No.: BF102124 SDG NO.: BF102124

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BF139892.D Time Analyzed: 20:32

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	607097	11.416	292847	14.057	323975	15.533
UPPER LIMIT	1214194	11.916	585694	14.557	647950	16.033
LOWER LIMIT	303548.5	10.916	146423.5	13.557	161987.5	15.033
EPA SAMPLE NO.						
22 IB-1MSD	353526	11.42	219663	14.06	191968	15.54
23 SU-4-101824	416244	11.42	254305	14.05	213719	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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP-3MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102124

SAS No.: BF102124 SDG NO.: BF102124

Lab File ID: BF139902.D

Lab Sample ID: P4385-06MS

Instrument ID: BNA_F

Date Extracted: 10/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 14:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP-3MS	P4385-06MS	BF139902.D	10/21/2024
SP-3MSD	P4385-06MSD	BF139903.D	10/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164123BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102124

SAS No.: BF102124 SDG NO.: BF102124

Lab File ID: BF139893.D

Lab Sample ID: PB164123BL

Instrument ID: BNA_F

Date Extracted: 10/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 10:25

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TR-04-101524MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102124

SAS No.: BF102124 SDG NO.: BF102124

Lab File ID: BF139906.D

Lab Sample ID: P4410-01MS

Instrument ID: BNA_F

Date Extracted: 10/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 16:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TR-04-101524MS	P4410-01MS	BF139906.D	10/21/2024
TR-04-101524MSD	P4410-01MSD	BF139907.D	10/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

IB-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102124

SAS No.: BF102124 SDG NO.: BF102124

Lab File ID: BF139912.D

Lab Sample ID: P4419-01

Instrument ID: BNA_F

Date Extracted: 10/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 19:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
IB-1	P4419-01	BF139912.D	10/21/2024
IB-1MS	P4419-01MS	BF139913.D	10/21/2024
IB-1MSD	P4419-01MSD	BF139914.D	10/21/2024
TP-4	P4425-07	BF139895.D	10/21/2024
TP-5	P4425-09	BF139896.D	10/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PAD-2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102124

SAS No.: BF102124 SDG NO.: BF102124

Lab File ID: BF139897.D

Lab Sample ID: P4426-03

Instrument ID: BNA_F

Date Extracted: 10/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 12:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PAD-2	P4426-03	BF139897.D	10/21/2024
PAD-4	P4426-07	BF139898.D	10/21/2024
PAD-9	P4426-17	BF139899.D	10/21/2024
PAD-6	P4426-11	BF139900.D	10/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VNJ-209

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102124

SAS No.: BF102124 SDG NO.: BF102124

Lab File ID: BF139894.D

Lab Sample ID: P4430-01

Instrument ID: BNA_F

Date Extracted: 10/18/2024

Matrix: (soil/water) water

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 10:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VNJ-209	P4430-01	BF139894.D	10/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SU-4-101824

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102124

SAS No.: BF102124 SDG NO.: BF102124

Lab File ID: BF139915.D

Lab Sample ID: P4455-01

Instrument ID: BNA_F

Date Extracted: 10/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/21/2024

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
SU-4-101824	P4455-01	BF139915.D	10/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4419-01MS		Client Sample ID: IB-1MS		DataFile: BF139913.D							
n-Nitrosodimethylamine	1400		1400	ug/Kg	100				66	124	
Pyridine	1400		1400	ug/Kg	100				45	119	
Benzaldehyde	1400		500	ug/Kg	36				10	86	
Aniline	1400		1000	ug/Kg	71				10	88	
Phenol	1400		1400	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1400		1400	ug/Kg	100				54	125	
2-Chlorophenol	1400		1400	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1400		1400	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1400		1300	ug/Kg	93				62	101	
1,4-Dichlorobenzene	1400		1400	ug/Kg	100				63	104	
Benzyl Alcohol	1400		1400	ug/Kg	100				47	126	
2-Methylphenol	1400		1300	ug/Kg	93				66	122	
2,2-oxybis(1-Chloropropane)	1400		1400	ug/Kg	100				65	110	
Acetophenone	1400		1500	ug/Kg	107				75	111	
3+4-Methylphenols	1400		1300	ug/Kg	93				66	104	
N-Nitroso-di-n-propylamine	1400		1300	ug/Kg	93				59	119	
Hexachloroethane	1400		1200	ug/Kg	86				65	117	
Nitrobenzene	1400		1400	ug/Kg	100				70	119	
Isophorone	1400		1500	ug/Kg	107				76	122	
2-Nitrophenol	1400		1500	ug/Kg	107				54	145	
2,4-Dimethylphenol	1400		1700	ug/Kg	121				44	135	
bis(2-Chloroethoxy)methane	1400		1500	ug/Kg	107				68	112	
2,4-Dichlorophenol	1400		1400	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1400		1400	ug/Kg	100				57	103	
Benzoic acid	1400		1300	ug/Kg	93				50	104	
Naphthalene	1400		1400	ug/Kg	100				72	110	
4-Chloroaniline	1400		530	ug/Kg	38				10	91	
Hexachlorobutadiene	1400		1400	ug/Kg	100				66	114	
Caprolactam	1400		1600	ug/Kg	114				51	134	
4-Chloro-3-methylphenol	1400		1300	ug/Kg	93				57	132	
2-Methylnaphthalene	1400		1300	ug/Kg	93				59	123	
Hexachlorocyclopentadiene	2900		1300	ug/Kg	45				10	175	
2,4,6-Trichlorophenol	1400		1500	ug/Kg	107				72	117	
2,4,5-Trichlorophenol	1400		1400	ug/Kg	100				72	117	
1,1-Biphenyl	1400		1500	ug/Kg	107				75	113	
2-Chloronaphthalene	1400		1400	ug/Kg	100				67	118	
2-Nitroaniline	1400		1700	ug/Kg	121				69	127	
Dimethylphthalate	1400		1500	ug/Kg	107				70	113	
Acenaphthylene	1400		1500	ug/Kg	107				79	118	
2,6-Dinitrotoluene	1400		1400	ug/Kg	100				70	125	
3-Nitroaniline	1400		1400	ug/Kg	100	*			30	99	
Acenaphthene	1400		1400	ug/Kg	100				70	121	
Total PAH	22400	1194.3	23700	ug/Kg	106				70	121	
2,4-Dinitrophenol	2900		770	ug/Kg	27				10	155	
4-Nitrophenol	2900		3200	ug/Kg	110				45	133	
Dibenzofuran	1400		1400	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

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	2800		2800	ug/Kg	100				55	128	
2,4-Dinitrotoluene	1400		1400	ug/Kg	100				55	128	
Diethylphthalate	1400		1400	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1400		1400	ug/Kg	100				71	108	
Fluorene	1400		1400	ug/Kg	100				68	116	
4-Nitroaniline	1400		1500	ug/Kg	107				55	120	
4,6-Dinitro-2-methylphenol	1400		420	ug/Kg	30				10	160	
N-Nitrosodiphenylamine	1400		1600	ug/Kg	114				73	118	
Azobenzene	1400		1500	ug/Kg	107				73	110	
4-Bromophenyl-phenylether	1400		1400	ug/Kg	100				65	121	
Hexachlorobenzene	1400		1400	ug/Kg	100				67	118	
Atrazine	1400		1700	ug/Kg	121				79	127	
Pentachlorophenol	2900		3000	ug/Kg	103				47	128	
Phenanthrene	1400	160	1600	ug/Kg	103				52	128	
Anthracene	1400		1600	ug/Kg	114				62	124	
Carbazole	1400		1500	ug/Kg	107				59	119	
Di-n-butylphthalate	1400		1600	ug/Kg	114				69	118	
Fluoranthene	1400	220	1700	ug/Kg	106				44	125	
Benzidine	2900		3100	ug/Kg	107				10	119	
Pyrene	1400	200	1500	ug/Kg	93				26	142	
Butylbenzylphthalate	1400		2000	ug/Kg	143	*			64	126	
3,3-Dichlorobenzidine	1400		1600	ug/Kg	114				33	116	
Benzo(a)anthracene	1400	130	1600	ug/Kg	105				71	114	
Chrysene	1400	120	1500	ug/Kg	99				57	121	
bis(2-Ethylhexyl)phthalate	1400		2200	ug/Kg	157				42	169	
Di-n-octyl phthalate	1400		1900	ug/Kg	136				23	175	
Benzo(b)fluoranthene	1400	150	1500	ug/Kg	96				67	121	
Benzo(k)fluoranthene	1400	74.3	1700	ug/Kg	116				57	134	
Benzo(a)pyrene	1400	140	1700	ug/Kg	111				70	142	
Indeno(1,2,3-cd)pyrene	1400		1300	ug/Kg	93				40	129	
Dibenz(a,h)anthracene	1400		1200	ug/Kg	86				43	123	
Benzo(g,h,i)perylene	1400	0	1100	ug/Kg	79				24	125	
1,2,4,5-Tetrachlorobenzene	1400		1600	ug/Kg	114				69	124	
1,4-Dioxane	1400		1300	ug/Kg	93				46	112	
2,3,4,6-Tetrachlorophenol	1400		1500	ug/Kg	107				69	112	
1-Methylnaphthalene	1400		1200	ug/Kg	86				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4419-01MSD		Client Sample ID: IB-1MSD					DataFile: BF139914.D				
n-Nitrosodimethylamine	1400		1500	ug/Kg	107		7		66	124	20
Pyridine	1400		1400	ug/Kg	100		0		45	119	20
Benzaldehyde	1400		520	ug/Kg	37		3		10	86	20
Aniline	1400		1000	ug/Kg	71		0		10	88	20
Phenol	1400		1500	ug/Kg	107		7		67	126	20
bis(2-Chloroethyl)ether	1400		1500	ug/Kg	107		7		54	125	20
2-Chlorophenol	1400		1500	ug/Kg	107		7		79	107	20
1,2-Dichlorobenzene	1400		1400	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1400		1400	ug/Kg	100		7		62	101	20
1,4-Dichlorobenzene	1400		1400	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1400		1500	ug/Kg	107		7		47	126	20
2-Methylphenol	1400		1400	ug/Kg	100		7		66	122	20
2,2-oxybis(1-Chloropropane)	1400		1400	ug/Kg	100		0		65	110	20
Acetophenone	1400		1600	ug/Kg	114	*	6		75	111	20
3+4-Methylphenols	1400		1400	ug/Kg	100		7		66	104	20
N-Nitroso-di-n-propylamine	1400		1400	ug/Kg	100		7		59	119	20
Hexachloroethane	1400		1200	ug/Kg	86		0		65	117	20
Nitrobenzene	1400		1500	ug/Kg	107		7		70	119	20
Isophorone	1400		1600	ug/Kg	114		6		76	122	20
2-Nitrophenol	1400		1700	ug/Kg	121		12		54	145	20
2,4-Dimethylphenol	1400		1800	ug/Kg	129		6		44	135	20
bis(2-Chloroethoxy)methane	1400		1600	ug/Kg	114	*	6		68	112	20
2,4-Dichlorophenol	1400		1500	ug/Kg	107		7		72	118	20
1,2,4-Trichlorobenzene	1400		1400	ug/Kg	100		0		57	103	20
Benzoic acid	1400		1400	ug/Kg	100		7		50	104	20
Naphthalene	1400		1500	ug/Kg	107		7		72	110	20
4-Chloroaniline	1400		630	ug/Kg	45		17		10	91	20
Hexachlorobutadiene	1400		1500	ug/Kg	107		7		66	114	20
Caprolactam	1400		1700	ug/Kg	121		6		51	134	20
4-Chloro-3-methylphenol	1400		1400	ug/Kg	100		7		57	132	20
2-Methylnaphthalene	1400		1400	ug/Kg	100		7		59	123	20
Hexachlorocyclopentadiene	2900		1600	ug/Kg	55		20		10	175	20
2,4,6-Trichlorophenol	1400		1600	ug/Kg	114		6		72	117	20
2,4,5-Trichlorophenol	1400		1500	ug/Kg	107		7		72	117	20
1,1-Biphenyl	1400		1500	ug/Kg	107		0		75	113	20
2-Chloronaphthalene	1400		1500	ug/Kg	107		7		67	118	20
2-Nitroaniline	1400		1700	ug/Kg	121		0		69	127	20
Dimethylphthalate	1400		1500	ug/Kg	107		0		70	113	20
Acenaphthylene	1400		1600	ug/Kg	114		6		79	118	20
2,6-Dinitrotoluene	1400		1400	ug/Kg	100		0		70	125	20
3-Nitroaniline	1400		1400	ug/Kg	100	*	0		30	99	20
Acenaphthene	1400		1500	ug/Kg	107		7		70	121	20
Total PAH	22400	1194.3	25200	ug/Kg	113		6		70	121	20
2,4-Dinitrophenol	2900		1000	ug/Kg	34		23	*	10	155	20
4-Nitrophenol	2900		3300	ug/Kg	114		4		45	133	20
Dibenzofuran	1400		1500	ug/Kg	107		7		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

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	2800		2900	ug/Kg	104		4		55	128	20
2,4-Dinitrotoluene	1400		1500	ug/Kg	107		7		55	128	20
Diethylphthalate	1400		1500	ug/Kg	107		7		70	112	20
4-Chlorophenyl-phenylether	1400		1400	ug/Kg	100		0		71	108	20
Fluorene	1400		1500	ug/Kg	107		7		68	116	20
4-Nitroaniline	1400		1500	ug/Kg	107		0		55	120	20
4,6-Dinitro-2-methylphenol	1400		540	ug/Kg	39		26	*	10	160	20
N-Nitrosodiphenylamine	1400		1700	ug/Kg	121	*	6		73	118	20
Azobenzene	1400		1500	ug/Kg	107		0		73	110	20
4-Bromophenyl-phenylether	1400		1500	ug/Kg	107		7		65	121	20
Hexachlorobenzene	1400		1500	ug/Kg	107		7		67	118	20
Atrazine	1400		1900	ug/Kg	136	*	12		79	127	20
Pentachlorophenol	2900		3200	ug/Kg	110		7		47	128	20
Phenanthrene	1400	160	1700	ug/Kg	110		7		52	128	20
Anthracene	1400		1800	ug/Kg	129	*	12		62	124	20
Carbazole	1400		1600	ug/Kg	114		6		59	119	20
Di-n-butylphthalate	1400		1700	ug/Kg	121	*	6		69	118	20
Fluoranthene	1400	220	1800	ug/Kg	113		6		44	125	20
Benzidine	2900		3400	ug/Kg	117		9		10	119	20
Pyrene	1400	200	1600	ug/Kg	100		7		26	142	20
Butylbenzylphthalate	1400		2100	ug/Kg	150	*	5		64	126	20
3,3-Dichlorobenzidine	1400		1700	ug/Kg	121	*	6		33	116	20
Benzo(a)anthracene	1400	130	1700	ug/Kg	112		6		71	114	20
Chrysene	1400	120	1600	ug/Kg	106		7		57	121	20
bis(2-Ethylhexyl)phthalate	1400		2300	ug/Kg	164		4		42	169	20
Di-n-octyl phthalate	1400		1900	ug/Kg	136		0		23	175	20
Benzo(b)fluoranthene	1400	150	1600	ug/Kg	104		8		67	121	20
Benzo(k)fluoranthene	1400	74.3	1800	ug/Kg	123		6		57	134	20
Benzo(a)pyrene	1400	140	1700	ug/Kg	111		0		70	142	20
Indeno(1,2,3-cd)pyrene	1400		1300	ug/Kg	93		0		40	129	20
Dibenz(a,h)anthracene	1400		1300	ug/Kg	93		8		43	123	20
Benzo(g,h,i)perylene	1400	0	1200	ug/Kg	86		8		24	125	20
1,2,4,5-Tetrachlorobenzene	1400		1600	ug/Kg	114		0		69	124	20
1,4-Dioxane	1400		1400	ug/Kg	100		7		46	112	20
2,3,4,6-Tetrachlorophenol	1400		1500	ug/Kg	107		0		69	112	20
1-Methylnaphthalene	1400		1300	ug/Kg	93		8		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4385-06MS		Client Sample ID: SP-3MS		DataFile: BF139902.D							
n-Nitrosodimethylamine	1800		1800	ug/Kg	100				66	124	
Pyridine	1800		1700	ug/Kg	94				45	119	
Benzaldehyde	1800		760	ug/Kg	42				10	86	
Aniline	1800		1000	ug/Kg	56				10	88	
Phenol	1800		1900	ug/Kg	106				67	126	
bis(2-Chloroethyl)ether	1800		1800	ug/Kg	100				54	125	
2-Chlorophenol	1800		1900	ug/Kg	106				79	107	
1,2-Dichlorobenzene	1800		1800	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1800		1700	ug/Kg	94				62	101	
1,4-Dichlorobenzene	1800		1800	ug/Kg	100				63	104	
Benzyl Alcohol	1800		1900	ug/Kg	106				47	126	
2-Methylphenol	1800		1900	ug/Kg	106				66	122	
2,2-oxybis(1-Chloropropane)	1800		1800	ug/Kg	100				65	110	
Acetophenone	1800		1800	ug/Kg	100				75	111	
3+4-Methylphenols	1800		1800	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1800		1800	ug/Kg	100				59	119	
Hexachloroethane	1800		1800	ug/Kg	100				65	117	
Nitrobenzene	1800		1700	ug/Kg	94				70	119	
Isophorone	1800		1800	ug/Kg	100				76	122	
2-Nitrophenol	1800		2100	ug/Kg	117				54	145	
2,4-Dimethylphenol	1800		2000	ug/Kg	111				44	135	
bis(2-Chloroethoxy)methane	1800		1800	ug/Kg	100				68	112	
2,4-Dichlorophenol	1800		1800	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1800		1700	ug/Kg	94				57	103	
Benzoic acid	1800		1800	ug/Kg	100				50	104	
Naphthalene	1800		1700	ug/Kg	94				72	110	
4-Chloroaniline	1800		370	ug/Kg	21				10	91	
Hexachlorobutadiene	1800		1700	ug/Kg	94				66	114	
Caprolactam	1800		1900	ug/Kg	106				51	134	
4-Chloro-3-methylphenol	1800		1800	ug/Kg	100				57	132	
2-Methylnaphthalene	1800		1800	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	3500		5400	ug/Kg	154				10	175	
2,4,6-Trichlorophenol	1800		1900	ug/Kg	106				72	117	
2,4,5-Trichlorophenol	1800		1800	ug/Kg	100				72	117	
1,1-Biphenyl	1800		1800	ug/Kg	100				75	113	
2-Chloronaphthalene	1800		1800	ug/Kg	100				67	118	
2-Nitroaniline	1800		2000	ug/Kg	111				69	127	
Dimethylphthalate	1800		1900	ug/Kg	106				70	113	
Acenaphthylene	1800		1900	ug/Kg	106				79	118	
2,6-Dinitrotoluene	1800		1900	ug/Kg	106				70	125	
3-Nitroaniline	1800		1100	ug/Kg	61				30	99	
Acenaphthene	1800		2000	ug/Kg	111				70	121	
Total PAH	28800		28600	ug/Kg	99				70	121	
2,4-Dinitrophenol	3500		4200	ug/Kg	120				10	155	
4-Nitrophenol	3500		3600	ug/Kg	103				45	133	
Dibenzofuran	1800		1800	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1800		2000	ug/Kg	111				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3900	ug/Kg	108				55	128	
Diethylphthalate	1800		1800	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1800		1700	ug/Kg	94				71	108	
Fluorene	1800		1700	ug/Kg	94				68	116	
4-Nitroaniline	1800		1800	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1800		2400	ug/Kg	133				10	160	
N-Nitrosodiphenylamine	1800		1800	ug/Kg	100				73	118	
Azobenzene	1800		2100	ug/Kg	117	*			73	110	
4-Bromophenyl-phenylether	1800		1900	ug/Kg	106				65	121	
Hexachlorobenzene	1800		1800	ug/Kg	100				67	118	
Atrazine	1800		2200	ug/Kg	122				79	127	
Pentachlorophenol	3500		3400	ug/Kg	97				47	128	
Phenanthrene	1800		1800	ug/Kg	100				52	128	
Anthracene	1800		1800	ug/Kg	100				62	124	
Carbazole	1800		1700	ug/Kg	94				59	119	
Di-n-butylphthalate	1800		1800	ug/Kg	100				69	118	
Fluoranthene	1800		1700	ug/Kg	94				44	125	
Benzydine	3500		930	ug/Kg	27				10	119	
Pyrene	1800		1700	ug/Kg	94				26	142	
Butylbenzylphthalate	1800		2200	ug/Kg	122				64	126	
3,3-Dichlorobenzidine	1800		970	ug/Kg	54				33	116	
Benzo(a)anthracene	1800		1900	ug/Kg	106				71	114	
Chrysene	1800		1900	ug/Kg	106				57	121	
bis(2-Ethylhexyl)phthalate	1800		2500	ug/Kg	139				42	169	
Di-n-octyl phthalate	1800		2300	ug/Kg	128				23	175	
Benzo(b)fluoranthene	1800		1900	ug/Kg	106				67	121	
Benzo(k)fluoranthene	1800		1700	ug/Kg	94				57	134	
Benzo(a)pyrene	1800		2000	ug/Kg	111				70	142	
Indeno(1,2,3-cd)pyrene	1800		1700	ug/Kg	94				40	129	
Dibenz(a,h)anthracene	1800		1700	ug/Kg	94				43	123	
Benzo(g,h,i)perylene	1800		1500	ug/Kg	83				24	125	
1,2,4,5-Tetrachlorobenzene	1800		1800	ug/Kg	100				69	124	
1,4-Dioxane	1800		1700	ug/Kg	94				46	112	
2,3,4,6-Tetrachlorophenol	1800		1900	ug/Kg	106				69	112	
1-Methylnaphthalene	1800		1700	ug/Kg	94				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4385-06MSD		Client Sample ID: SP-3MSD		DataFile: BF139903.D							
n-Nitrosodimethylamine	1800		1800	ug/Kg	100	0			66	124	20
Pyridine	1800		1700	ug/Kg	94	0			45	119	20
Benzaldehyde	1800		780	ug/Kg	43	2			10	86	20
Aniline	1800		1000	ug/Kg	56	0			10	88	20
Phenol	1800		1900	ug/Kg	106	0			67	126	20
bis(2-Chloroethyl)ether	1800		1900	ug/Kg	106	6			54	125	20
2-Chlorophenol	1800		1900	ug/Kg	106	0			79	107	20
1,2-Dichlorobenzene	1800		1800	ug/Kg	100	0			61	105	20
1,3-Dichlorobenzene	1800		1800	ug/Kg	100	6			62	101	20
1,4-Dichlorobenzene	1800		1800	ug/Kg	100	0			63	104	20
Benzyl Alcohol	1800		1900	ug/Kg	106	0			47	126	20
2-Methylphenol	1800		1900	ug/Kg	106	0			66	122	20
2,2-oxybis(1-Chloropropane)	1800		1900	ug/Kg	106	6			65	110	20
Acetophenone	1800		1700	ug/Kg	94	6			75	111	20
3+4-Methylphenols	1800		1800	ug/Kg	100	0			66	104	20
N-Nitroso-di-n-propylamine	1800		1800	ug/Kg	100	0			59	119	20
Hexachloroethane	1800		1800	ug/Kg	100	0			65	117	20
Nitrobenzene	1800		1800	ug/Kg	100	6			70	119	20
Isophorone	1800		1800	ug/Kg	100	0			76	122	20
2-Nitrophenol	1800		2200	ug/Kg	122	4			54	145	20
2,4-Dimethylphenol	1800		2100	ug/Kg	117	5			44	135	20
bis(2-Chloroethoxy)methane	1800		1800	ug/Kg	100	0			68	112	20
2,4-Dichlorophenol	1800		1800	ug/Kg	100	0			72	118	20
1,2,4-Trichlorobenzene	1800		1700	ug/Kg	94	0			57	103	20
Benzoic acid	1800		1900	ug/Kg	106	*	6		50	104	20
Naphthalene	1800		1800	ug/Kg	100	6			72	110	20
4-Chloroaniline	1800		340	ug/Kg	19	10			10	91	20
Hexachlorobutadiene	1800		1800	ug/Kg	100	6			66	114	20
Caprolactam	1800		1900	ug/Kg	106	0			51	134	20
4-Chloro-3-methylphenol	1800		1800	ug/Kg	100	0			57	132	20
2-Methylnaphthalene	1800		1800	ug/Kg	100	0			59	123	20
Hexachlorocyclopentadiene	3500		5600	ug/Kg	160	4			10	175	20
2,4,6-Trichlorophenol	1800		2000	ug/Kg	111	5			72	117	20
2,4,5-Trichlorophenol	1800		1800	ug/Kg	100	0			72	117	20
1,1-Biphenyl	1800		1800	ug/Kg	100	0			75	113	20
2-Chloronaphthalene	1800		1800	ug/Kg	100	0			67	118	20
2-Nitroaniline	1800		2000	ug/Kg	111	0			69	127	20
Dimethylphthalate	1800		1900	ug/Kg	106	0			70	113	20
Acenaphthylene	1800		1900	ug/Kg	106	0			79	118	20
2,6-Dinitrotoluene	1800		1900	ug/Kg	106	0			70	125	20
3-Nitroaniline	1800		1100	ug/Kg	61	0			30	99	20
Acenaphthene	1800		2000	ug/Kg	111	0			70	121	20
Total PAH	28800		28500	ug/Kg	99	0			70	121	20
2,4-Dinitrophenol	3500		4400	ug/Kg	126	5			10	155	20
4-Nitrophenol	3500		3700	ug/Kg	106	3			45	133	20
Dibenzofuran	1800		1800	ug/Kg	100	0			72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1800		2000	ug/Kg	111		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3900	ug/Kg	108		0		55	128	20
Diethylphthalate	1800		1800	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	1800		1700	ug/Kg	94		0		71	108	20
Fluorene	1800		1700	ug/Kg	94		0		68	116	20
4-Nitroaniline	1800		1800	ug/Kg	100		0		55	120	20
4,6-Dinitro-2-methylphenol	1800		2500	ug/Kg	139		4		10	160	20
N-Nitrosodiphenylamine	1800		1900	ug/Kg	106		6		73	118	20
Azobenzene	1800		2100	ug/Kg	117	*	0		73	110	20
4-Bromophenyl-phenylether	1800		1900	ug/Kg	106		0		65	121	20
Hexachlorobenzene	1800		1800	ug/Kg	100		0		67	118	20
Atrazine	1800		2200	ug/Kg	122		0		79	127	20
Pentachlorophenol	3500		3500	ug/Kg	100		3		47	128	20
Phenanthrene	1800		1800	ug/Kg	100		0		52	128	20
Anthracene	1800		1800	ug/Kg	100		0		62	124	20
Carbazole	1800		1700	ug/Kg	94		0		59	119	20
Di-n-butylphthalate	1800		1800	ug/Kg	100		0		69	118	20
Fluoranthene	1800		1700	ug/Kg	94		0		44	125	20
Benzydine	3500		1000	ug/Kg	29		7		10	119	20
Pyrene	1800		1700	ug/Kg	94		0		26	142	20
Butylbenzylphthalate	1800		2200	ug/Kg	122		0		64	126	20
3,3-Dichlorobenzidine	1800		970	ug/Kg	54		0		33	116	20
Benzo(a)anthracene	1800		1900	ug/Kg	106		0		71	114	20
Chrysene	1800		1900	ug/Kg	106		0		57	121	20
bis(2-Ethylhexyl)phthalate	1800		2500	ug/Kg	139		0		42	169	20
Di-n-octyl phthalate	1800		2300	ug/Kg	128		0		23	175	20
Benzo(b)fluoranthene	1800		1900	ug/Kg	106		0		67	121	20
Benzo(k)fluoranthene	1800		1800	ug/Kg	100		6		57	134	20
Benzo(a)pyrene	1800		2000	ug/Kg	111		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800		1600	ug/Kg	89		5		40	129	20
Dibenz(a,h)anthracene	1800		1600	ug/Kg	89		5		43	123	20
Benzo(g,h,i)perylene	1800		1400	ug/Kg	78		6		24	125	20
1,2,4,5-Tetrachlorobenzene	1800		1800	ug/Kg	100		0		69	124	20
1,4-Dioxane	1800		1700	ug/Kg	94		0		46	112	20
2,3,4,6-Tetrachlorophenol	1800		1900	ug/Kg	106		0		69	112	20
1-Methylnaphthalene	1800		1700	ug/Kg	94		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4410-01MS		Client Sample ID: TR-04-101524MS		DataFile: BF139906.D							
n-Nitrosodimethylamine	1000		580	ug/Kg	58	*			66	124	
Pyridine	1000		580	ug/Kg	58				45	119	
Benzaldehyde	1000		0	ug/Kg	0	*			10	86	
Aniline	1000		400	ug/Kg	40				10	88	
Phenol	1000		650	ug/Kg	65	*			67	126	
bis(2-Chloroethyl)ether	1000		640	ug/Kg	64				54	125	
2-Chlorophenol	1000		640	ug/Kg	64	*			79	107	
1,2-Dichlorobenzene	1000		660	ug/Kg	66				61	105	
1,3-Dichlorobenzene	1000		660	ug/Kg	66				62	101	
1,4-Dichlorobenzene	1000		670	ug/Kg	67				63	104	
Benzyl Alcohol	1000		620	ug/Kg	62				47	126	
2-Methylphenol	1000		630	ug/Kg	63	*			66	122	
2,2-oxybis(1-Chloropropane)	1000		610	ug/Kg	61	*			65	110	
Acetophenone	1000		700	ug/Kg	70	*			75	111	
3+4-Methylphenols	1000		630	ug/Kg	63	*			66	104	
N-Nitroso-di-n-propylamine	1000		620	ug/Kg	62				59	119	
Hexachloroethane	1000		600	ug/Kg	60	*			65	117	
Nitrobenzene	1000		620	ug/Kg	62	*			70	119	
Isophorone	1000		650	ug/Kg	65	*			76	122	
2-Nitrophenol	1000		670	ug/Kg	67				54	145	
2,4-Dimethylphenol	1000		760	ug/Kg	76				44	135	
bis(2-Chloroethoxy)methane	1000		640	ug/Kg	64	*			68	112	
2,4-Dichlorophenol	1000		640	ug/Kg	64	*			72	118	
1,2,4-Trichlorobenzene	1000		640	ug/Kg	64				57	103	
Benzoic acid	1000		0	ug/Kg	0	*			50	104	
Naphthalene	1000		690	ug/Kg	69	*			72	110	
4-Chloroaniline	1000		380	ug/Kg	38				10	91	
Hexachlorobutadiene	1000		660	ug/Kg	66				66	114	
Caprolactam	1000		590	ug/Kg	59				51	134	
4-Chloro-3-methylphenol	1000		570	ug/Kg	57				57	132	
2-Methylnaphthalene	1000		670	ug/Kg	67				59	123	
Hexachlorocyclopentadiene	2100		0	ug/Kg	0	*			10	175	
2,4,6-Trichlorophenol	1000		720	ug/Kg	72				72	117	
2,4,5-Trichlorophenol	1000		650	ug/Kg	65	*			72	117	
1,1-Biphenyl	1000		730	ug/Kg	73	*			75	113	
2-Chloronaphthalene	1000		700	ug/Kg	70				67	118	
2-Nitroaniline	1000		630	ug/Kg	63	*			69	127	
Dimethylphthalate	1000		690	ug/Kg	69	*			70	113	
Acenaphthylene	1000		730	ug/Kg	73	*			79	118	
2,6-Dinitrotoluene	1000		600	ug/Kg	60	*			70	125	
3-Nitroaniline	1000		510	ug/Kg	51				30	99	
Acenaphthene	1000		740	ug/Kg	74				70	121	
Total PAH	16000	0	12590	ug/Kg	79				70	121	
2,4-Dinitrophenol	2100		1400	ug/Kg	67				10	155	
4-Nitrophenol	2100		1200	ug/Kg	57				45	133	
Dibenzofuran	1000		700	ug/Kg	70	*			72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

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	2000		1210	ug/Kg	61				55	128	
2,4-Dinitrotoluene	1000		610	ug/Kg	61				55	128	
Diethylphthalate	1000		630	ug/Kg	63	*			70	112	
4-Chlorophenyl-phenylether	1000		660	ug/Kg	66	*			71	108	
Fluorene	1000		700	ug/Kg	70				68	116	
4-Nitroaniline	1000		530	ug/Kg	53	*			55	120	
4,6-Dinitro-2-methylphenol	1000		460	ug/Kg	46				10	160	
N-Nitrosodiphenylamine	1000		690	ug/Kg	69	*			73	118	
Azobenzene	1000		640	ug/Kg	64	*			73	110	
4-Bromophenyl-phenylether	1000		650	ug/Kg	65				65	121	
Hexachlorobenzene	1000		750	ug/Kg	75				67	118	
Atrazine	1000		820	ug/Kg	82				79	127	
Pentachlorophenol	2100		1600	ug/Kg	76				47	128	
Phenanthrene	1000	0	840	ug/Kg	84				52	128	
Anthracene	1000		800	ug/Kg	80				62	124	
Carbazole	1000		690	ug/Kg	69				59	119	
Di-n-butylphthalate	1000		700	ug/Kg	70				69	118	
Fluoranthene	1000	400	1000	ug/Kg	60				44	125	
Benzidine	2100		0	ug/Kg	0	*			10	119	
Pyrene	1000	450	880	ug/Kg	43				26	142	
Butylbenzylphthalate	1000		730	ug/Kg	73				64	126	
3,3-Dichlorobenzidine	1000		450	ug/Kg	45				33	116	
Benzo(a)anthracene	1000	260	800	ug/Kg	54	*			71	114	
Chrysene	1000	250	850	ug/Kg	60				57	121	
bis(2-Ethylhexyl)phthalate	1000		890	ug/Kg	89				42	169	
Di-n-octyl phthalate	1000		750	ug/Kg	75				23	175	
Benzo(b)fluoranthene	1000	310	890	ug/Kg	58	*			67	121	
Benzo(k)fluoranthene	1000		790	ug/Kg	79				57	134	
Benzo(a)pyrene	1000	0	900	ug/Kg	90				70	142	
Indeno(1,2,3-cd)pyrene	1000		690	ug/Kg	69				40	129	
Dibenz(a,h)anthracene	1000		620	ug/Kg	62				43	123	
Benzo(g,h,i)perylene	1000		670	ug/Kg	67				24	125	
1,2,4,5-Tetrachlorobenzene	1000		770	ug/Kg	77				69	124	
1,4-Dioxane	1000		580	ug/Kg	58				46	112	
2,3,4,6-Tetrachlorophenol	1000		690	ug/Kg	69				69	112	
1-Methylnaphthalene	1000		630	ug/Kg	63	*			70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4410-01MSD		Client Sample ID: TR-04-101524MSD		DataFile: BF139907.D							
n-Nitrosodimethylamine	1000		1100	ug/Kg	110		62	*	66	124	20
Pyridine	1000		1000	ug/Kg	100		53	*	45	119	20
Benzaldehyde	1000		0	ug/Kg	0	*			10	86	20
Aniline	1000		590	ug/Kg	59		38	*	10	88	20
Phenol	1000		1100	ug/Kg	110		51	*	67	126	20
bis(2-Chloroethyl)ether	1000		1100	ug/Kg	110		53	*	54	125	20
2-Chlorophenol	1000		1100	ug/Kg	110	*	53	*	79	107	20
1,2-Dichlorobenzene	1000		1100	ug/Kg	110	*	50	*	61	105	20
1,3-Dichlorobenzene	1000		1100	ug/Kg	110	*	50	*	62	101	20
1,4-Dichlorobenzene	1000		1100	ug/Kg	110	*	49	*	63	104	20
Benzyl Alcohol	1000		1100	ug/Kg	110		56	*	47	126	20
2-Methylphenol	1000		1100	ug/Kg	110		54	*	66	122	20
2,2-oxybis(1-Chloropropane)	1000		1100	ug/Kg	110		57	*	65	110	20
Acetophenone	1000		1300	ug/Kg	130	*	60	*	75	111	20
3+4-Methylphenols	1000		1100	ug/Kg	110	*	54	*	66	104	20
N-Nitroso-di-n-propylamine	1000		1100	ug/Kg	110		56	*	59	119	20
Hexachloroethane	1000		960	ug/Kg	96		46	*	65	117	20
Nitrobenzene	1000		1100	ug/Kg	110		56	*	70	119	20
Isophorone	1000		1200	ug/Kg	120		59	*	76	122	20
2-Nitrophenol	1000		1200	ug/Kg	120		57	*	54	145	20
2,4-Dimethylphenol	1000		1400	ug/Kg	140	*	59	*	44	135	20
bis(2-Chloroethoxy)methane	1000		1200	ug/Kg	120	*	61	*	68	112	20
2,4-Dichlorophenol	1000		1100	ug/Kg	110		53	*	72	118	20
1,2,4-Trichlorobenzene	1000		1100	ug/Kg	110	*	53	*	57	103	20
Benzoic acid	1000		0	ug/Kg	0	*			50	104	20
Naphthalene	1000		1200	ug/Kg	120	*	54	*	72	110	20
4-Chloroaniline	1000		590	ug/Kg	59		43	*	10	91	20
Hexachlorobutadiene	1000		1100	ug/Kg	110		50	*	66	114	20
Caprolactam	1000		990	ug/Kg	99		51	*	51	134	20
4-Chloro-3-methylphenol	1000		960	ug/Kg	96		51	*	57	132	20
2-Methylnaphthalene	1000		1100	ug/Kg	110		49	*	59	123	20
Hexachlorocyclopentadiene	2100		0	ug/Kg	0	*			10	175	20
2,4,6-Trichlorophenol	1000		1200	ug/Kg	120	*	50	*	72	117	20
2,4,5-Trichlorophenol	1000		1000	ug/Kg	100		42	*	72	117	20
1,1-Biphenyl	1000		1300	ug/Kg	130	*	56	*	75	113	20
2-Chloronaphthalene	1000		1200	ug/Kg	120	*	53	*	67	118	20
2-Nitroaniline	1000		1200	ug/Kg	120		62	*	69	127	20
Dimethylphthalate	1000		1300	ug/Kg	130	*	61	*	70	113	20
Acenaphthylene	1000		1200	ug/Kg	120	*	49	*	79	118	20
2,6-Dinitrotoluene	1000		1100	ug/Kg	110		59	*	70	125	20
3-Nitroaniline	1000		890	ug/Kg	89		54	*	30	99	20
Acenaphthene	1000		1200	ug/Kg	120		47	*	70	121	20
Total PAH	16000	0	20240	ug/Kg	127	*	47	*	70	121	20
2,4-Dinitrophenol	2100		980	ug/Kg	47		35	*	10	155	20
4-Nitrophenol	2100		2000	ug/Kg	95		50	*	45	133	20
Dibenzofuran	1000		1200	ug/Kg	120	*	53	*	72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102124

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	2000		2070	ug/Kg	104		52	*	55	128	20
2,4-Dinitrotoluene	1000		970	ug/Kg	97		46	*	55	128	20
Diethylphthalate	1000		1200	ug/Kg	120	*	62	*	70	112	20
4-Chlorophenyl-phenylether	1000		1100	ug/Kg	110	*	50	*	71	108	20
Fluorene	1000		1200	ug/Kg	120	*	53	*	68	116	20
4-Nitroaniline	1000		1100	ug/Kg	110		70	*	55	120	20
4,6-Dinitro-2-methylphenol	1000		0	ug/Kg	0	*	200	*	10	160	20
N-Nitrosodiphenylamine	1000		1200	ug/Kg	120	*	54	*	73	118	20
Azobenzene	1000		1100	ug/Kg	110		53	*	73	110	20
4-Bromophenyl-phenylether	1000		1100	ug/Kg	110		51	*	65	121	20
Hexachlorobenzene	1000		1000	ug/Kg	100		29	*	67	118	20
Atrazine	1000		1400	ug/Kg	140	*	52	*	79	127	20
Pentachlorophenol	2100		2000	ug/Kg	95		22	*	47	128	20
Phenanthrene	1000	0	1400	ug/Kg	140	*	50	*	52	128	20
Anthracene	1000		1300	ug/Kg	130	*	48	*	62	124	20
Carbazole	1000		1200	ug/Kg	120	*	54	*	59	119	20
Di-n-butylphthalate	1000		1300	ug/Kg	130	*	60	*	69	118	20
Fluoranthene	1000	400	1700	ug/Kg	130	*	74	*	44	125	20
Benzidine	2100		810	ug/Kg	39		200	*	10	119	20
Pyrene	1000	450	1500	ug/Kg	105		84	*	26	142	20
Butylbenzylphthalate	1000		1400	ug/Kg	140	*	63	*	64	126	20
3,3-Dichlorobenzidine	1000		870	ug/Kg	87		64	*	33	116	20
Benzo(a)anthracene	1000	260	1400	ug/Kg	114		71	*	71	114	20
Chrysene	1000	250	1300	ug/Kg	105		55	*	57	121	20
bis(2-Ethylhexyl)phthalate	1000		1700	ug/Kg	170	*	63	*	42	169	20
Di-n-octyl phthalate	1000		1400	ug/Kg	140		60	*	23	175	20
Benzo(b)fluoranthene	1000	310	1300	ug/Kg	99		52	*	67	121	20
Benzo(k)fluoranthene	1000		1300	ug/Kg	130		49	*	57	134	20
Benzo(a)pyrene	1000	0	1400	ug/Kg	140		43	*	70	142	20
Indeno(1,2,3-cd)pyrene	1000		1000	ug/Kg	100		37	*	40	129	20
Dibenz(a,h)anthracene	1000		950	ug/Kg	95		42	*	43	123	20
Benzo(g,h,i)perylene	1000		890	ug/Kg	89		28	*	24	125	20
1,2,4,5-Tetrachlorobenzene	1000		1200	ug/Kg	120		44	*	69	124	20
1,4-Dioxane	1000		1000	ug/Kg	100		53	*	46	112	20
2,3,4,6-Tetrachlorophenol	1000		1000	ug/Kg	100		37	*	69	112	20
1-Methylnaphthalene	1000		1000	ug/Kg	100		45	*	70	130	20

Surrogate Summary

SW-846

SDG No.: **BF102124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4385-06MS	SP-3MS	BF139902.D	2-Fluorophenol	150	115.24	77		18	112
			Phenol-d6	150	113.20	75		15	107
			Nitrobenzene-d5	100	86.08	86		18	107
			2-Fluorobiphenyl	100	83.10	83		20	109
			2,4,6-Tribromophenol	150	122.21	81		10	116
			Terphenyl-d14	100	84.25	84		10	105
P4385-06MSD	SP-3MSD	BF139903.D	2-Fluorophenol	150	116.67	78		18	112
			Phenol-d6	150	115.64	77		15	107
			Nitrobenzene-d5	100	87.16	87		18	107
			2-Fluorobiphenyl	100	83.05	83		20	109
			2,4,6-Tribromophenol	150	122.83	82		10	116
			Terphenyl-d14	100	82.75	83		10	105

Surrogate Summary

SW-846

SDG No.: **BF102124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4395-01RE	F05308-SOLIDRE	BF139908.D	2-Fluorophenol	150	88.74	59		18	112
			Phenol-d6	150	81.85	55		15	107
			Nitrobenzene-d5	100	66.26	66		18	107
			2-Fluorobiphenyl	100	61.50	62		20	109
			2,4,6-Tribromophenol	150	86.76	58		10	116
			Terphenyl-d14	100	47.19	47		10	105
PB164123BL	PB164123BL	BF139893.D	2-Fluorophenol	150	137.77	92		18	112
			Phenol-d6	150	135.68	90		15	107
			Nitrobenzene-d5	100	96.91	97		18	107
			2-Fluorobiphenyl	100	91.18	91		20	109
			2,4,6-Tribromophenol	150	145.00	97		10	116
			Terphenyl-d14	100	90.42	90		10	105

Surrogate Summary

SW-846

SDG No.: **BF102124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4400-01RE	NB-08-101424RE	BF139909.D	2-Fluorophenol	150	58.50	39		18	112
			Phenol-d6	150	53.43	36		15	107
			Nitrobenzene-d5	100	41.28	41		18	107
			2-Fluorobiphenyl	100	47.51	48		20	109
			2,4,6-Tribromophenol	150	56.76	38		10	116
			Terphenyl-d14	100	43.92	44		10	105
P4401-01RE	SU-03-101424RE	BF139910.D	2-Fluorophenol	150	75.87	51		18	112
			Phenol-d6	150	69.99	47		15	107
			Nitrobenzene-d5	100	53.98	54		18	107
			2-Fluorobiphenyl	100	57.52	58		20	109
			2,4,6-Tribromophenol	150	76.37	51		10	116
			Terphenyl-d14	100	52.23	52		10	105
P4403-01RE	Hawthorne TP Soil	FBF139904.D	2-Fluorophenol	150	105.49	70		18	112
			Phenol-d6	150	103.33	69		15	107
			Nitrobenzene-d5	100	78.92	79		18	107
			2-Fluorobiphenyl	100	74.37	74		20	109
			2,4,6-Tribromophenol	150	107.72	72		10	116
			Terphenyl-d14	100	65.37	65		10	105

Surrogate Summary

SW-846

SDG No.: BF102124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4396-01RE	WASTE-WATER-F\BF139901.D		2-Fluorophenol	150	61.68	41		10	139
			Phenol-d6	150	37.93	25		10	134
			Nitrobenzene-d5	100	96.87	97		49	133
			2-Fluorobiphenyl	100	86.94	87		52	132
			2,4,6-Tribromophenol	150	130.26	87		44	137
			Terphenyl-d14	100	76.34	76		48	125

Surrogate Summary

SW-846

SDG No.: **BF102124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4406-01RE	OK-02-101524RE	BF139911.D	2-Fluorophenol	150	93.26	62		18	112
			Phenol-d6	150	86.54	58		15	107
			Nitrobenzene-d5	100	64.88	65		18	107
			2-Fluorobiphenyl	100	72.22	72		20	109
			2,4,6-Tribromophenol	150	86.12	57		10	116
			Terphenyl-d14	100	67.70	68		10	105
P4410-01MS	TR-04-101524MS	BF139906.D	2-Fluorophenol	150	69.76	47		18	112
			Phenol-d6	150	66.90	45		15	107
			Nitrobenzene-d5	100	50.20	50		18	107
			2-Fluorobiphenyl	100	59.37	59		20	109
			2,4,6-Tribromophenol	150	67.24	45		10	116
			Terphenyl-d14	100	49.33	49		10	105
P4410-01MSD	TR-04-101524MSDBF139907.D		2-Fluorophenol	150	124.77	83		18	112
			Phenol-d6	150	116.65	78		15	107
			Nitrobenzene-d5	100	88.15	88		18	107
			2-Fluorobiphenyl	100	101.89	102		20	109
			2,4,6-Tribromophenol	150	109.88	73		10	116
			Terphenyl-d14	100	85.86	86		10	105
P4410-01RE	TR-04-101524RE	BF139905.D	2-Fluorophenol	150	121.55	81		18	112
			Phenol-d6	150	115.07	77		15	107
			Nitrobenzene-d5	100	87.18	87		18	107
			2-Fluorobiphenyl	100	102.25	102		20	109
			2,4,6-Tribromophenol	150	100.52	67		10	116
			Terphenyl-d14	100	74.83	75		10	105

Surrogate Summary

SW-846

SDG No.: **BF102124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4419-01	IB-1	BF139912.D	2-Fluorophenol	150	106.23	71		18	112
			Phenol-d6	150	100.59	67		15	107
			Nitrobenzene-d5	100	80.12	80		18	107
			2-Fluorobiphenyl	100	72.56	73		20	109
			2,4,6-Tribromophenol	150	116.40	78		10	116
			Terphenyl-d14	100	59.83	60		10	105
P4419-01MS	IB-1MS	BF139913.D	2-Fluorophenol	150	99.89	67		18	112
			Phenol-d6	150	94.84	63		15	107
			Nitrobenzene-d5	100	76.42	76		18	107
			2-Fluorobiphenyl	100	69.89	70		20	109
			2,4,6-Tribromophenol	150	111.09	74		10	116
			Terphenyl-d14	100	58.35	58		10	105
P4419-01MSD	IB-1MSD	BF139914.D	2-Fluorophenol	150	103.53	69		18	112
			Phenol-d6	150	98.83	66		15	107
			Nitrobenzene-d5	100	81.01	81		18	107
			2-Fluorobiphenyl	100	71.83	72		20	109
			2,4,6-Tribromophenol	150	115.41	77		10	116
			Terphenyl-d14	100	61.30	61		10	105
P4425-07	TP-4	BF139895.D	2-Fluorophenol	150	67.87	45		18	112
			Phenol-d6	150	69.41	46		15	107
			Nitrobenzene-d5	100	51.17	51		18	107
			2-Fluorobiphenyl	100	49.45	49		20	109
			2,4,6-Tribromophenol	150	66.39	44		10	116
			Terphenyl-d14	100	52.61	53		10	105
P4425-09	TP-5	BF139896.D	2-Fluorophenol	150	76.85	51		18	112
			Phenol-d6	150	78.60	52		15	107
			Nitrobenzene-d5	100	57.96	58		18	107
			2-Fluorobiphenyl	100	55.87	56		20	109
			2,4,6-Tribromophenol	150	75.07	50		10	116
			Terphenyl-d14	100	59.51	60		10	105

Surrogate Summary

SW-846

SDG No.: **BF102124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4426-03	PAD-2	BF139897.D	2-Fluorophenol	150	34.56	23		18	112
			Phenol-d6	150	46.00	31		15	107
			Nitrobenzene-d5	100	45.65	46		18	107
			2-Fluorobiphenyl	100	48.43	48		20	109
			2,4,6-Tribromophenol	150	25.33	17		10	116
			Terphenyl-d14	100	49.97	50		10	105
P4426-07	PAD-4	BF139898.D	2-Fluorophenol	150	37.76	25		18	112
			Phenol-d6	150	49.97	33		15	107
			Nitrobenzene-d5	100	50.19	50		18	107
			2-Fluorobiphenyl	100	55.37	55		20	109
			2,4,6-Tribromophenol	150	31.16	21		10	116
			Terphenyl-d14	100	61.23	61		10	105
P4426-11	PAD-6	BF139900.D	2-Fluorophenol	150	22.96	15	*	18	112
			Phenol-d6	150	36.06	24		15	107
			Nitrobenzene-d5	100	43.28	43		18	107
			2-Fluorobiphenyl	100	49.06	49		20	109
			2,4,6-Tribromophenol	150	13.99	9	*	10	116
			Terphenyl-d14	100	51.38	51		10	105
P4426-17	PAD-9	BF139899.D	2-Fluorophenol	150	22.33	15	*	18	112
			Phenol-d6	150	36.02	24		15	107
			Nitrobenzene-d5	100	38.36	38		18	107
			2-Fluorobiphenyl	100	46.38	46		20	109
			2,4,6-Tribromophenol	150	14.46	10		10	116
			Terphenyl-d14	100	52.95	53		10	105

Surrogate Summary

SW-846

SDG No.: **BF102124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4430-01	VNJ-209	BF139894.D	2-Fluorophenol	150	117.54	78		10	139
			Phenol-d6	150	101.31	68		10	134
			Nitrobenzene-d5	100	96.17	96		49	133
			2-Fluorobiphenyl	100	101.64	102		52	132
			2,4,6-Tribromophenol	150	162.61	108		44	137
			Terphenyl-d14	100	111.98	112		48	125

Surrogate Summary

SW-846

SDG No.: **BF102124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4455-01	SU-4-101824	BF139915.D	2-Fluorophenol	150	20.39	14	*	18	112
			Phenol-d6	150	19.13	13	*	15	107
			Nitrobenzene-d5	100	14.10	14	*	18	107
			2-Fluorobiphenyl	100	15.93	16	*	20	109
			2,4,6-Tribromophenol	150	19.95	13		10	116
			Terphenyl-d14	100	14.70	15		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102124

Lab Code: CHEM

SAS No.: BF102124

SDG NO.: BF102124

Lab File ID: BF139891.D

DFTPP Injection Date: 10/21/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	38.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	98.4
443	15.0 - 24.0% of mass 442	19 (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	BF139892.D	10/21/2024	09:57
PB164123BL	PB164123BL	BF139893.D	10/21/2024	10:25
VNJ-209	P4430-01	BF139894.D	10/21/2024	10:58
TP-4	P4425-07	BF139895.D	10/21/2024	11:27
TP-5	P4425-09	BF139896.D	10/21/2024	11:55
PAD-2	P4426-03	BF139897.D	10/21/2024	12:24
PAD-4	P4426-07	BF139898.D	10/21/2024	12:52
PAD-9	P4426-17	BF139899.D	10/21/2024	13:20
PAD-6	P4426-11	BF139900.D	10/21/2024	13:49
WASTE-WATER-FRAC-TANKRE	P4396-01RE	BF139901.D	10/21/2024	14:18
SP-3MS	P4385-06MS	BF139902.D	10/21/2024	14:47
SP-3MSD	P4385-06MSD	BF139903.D	10/21/2024	15:15
Hawthorne TP SoilRE	P4403-01RE	BF139904.D	10/21/2024	15:44
TR-04-101524RE	P4410-01RE	BF139905.D	10/21/2024	16:12
TR-04-101524MS	P4410-01MS	BF139906.D	10/21/2024	16:42
TR-04-101524MSD	P4410-01MSD	BF139907.D	10/21/2024	17:11
F05308-SOLIDRE	P4395-01RE	BF139908.D	10/21/2024	17:39
NB-08-101424RE	P4400-01RE	BF139909.D	10/21/2024	18:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102124

Lab Code: CHEM

SAS No.: BF102124 SDG NO.: BF102124

Lab File ID: BF139891.D

DFTPP Injection Date: 10/21/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	38.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	27.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	98.4
443	15.0 - 24.0% of mass 442	19 (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
SU-03-101424RE	P4401-01RE	BF139910.D	10/21/2024	18:37
OK-02-101524RE	P4406-01RE	BF139911.D	10/21/2024	19:06
IB-1	P4419-01	BF139912.D	10/21/2024	19:34
IB-1MS	P4419-01MS	BF139913.D	10/21/2024	20:03
IB-1MSD	P4419-01MSD	BF139914.D	10/21/2024	20:32
SU-4-101824	P4455-01	BF139915.D	10/21/2024	21:01