

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF101424 SAS No.: BF101424 SDG No.: BF101424
Instrument ID: BNA_F Calibration Date/Time: 10/14/2024 : 14:30
Lab File ID: BF139787.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	0.794	0.722		-9.068	
Pyridine	1.213	1.167		-3.792	
2-Fluorophenol	1.154	1.129		-2.166	
Benzaldehyde	0.822	0.818		-0.487	
Aniline	1.377	1.186		-13.871	
Phenol-d6	1.552	1.512		-2.577	
Phenol	1.632	1.584		-2.941	20.0
bis(2-Chloroethyl) ether	1.329	1.241		-6.622	
2-Chlorophenol	1.236	1.213		-1.861	
1,2-Dichlorobenzene	1.320	1.273		-3.561	
1,3-Dichlorobenzene	1.391	1.345		-3.307	
1,4-Dichlorobenzene	1.409	1.354		-3.903	20.0
Benzyl Alcohol	1.186	1.103		-6.998	
2-Methylphenol	1.032	0.995		-3.585	
2,2-oxybis(1-Chloropropane)	2.300	2.102		-8.609	
Acetophenone	0.475	0.458		-3.579	
3+4-Methylphenols	1.296	1.233		-4.861	
n-Nitroso-di-n-propylamine	0.998	0.906	0.050	-9.218	
Nitrobenzene-d5	0.395	0.376		-4.81	
Hexachloroethane	0.525	0.499		-4.952	
Nitrobenzene	0.409	0.389		-4.89	
Isophorone	0.702	0.658		-6.268	
2-Nitrophenol	0.176	0.176		0.0	20.0
2,4-Dimethylphenol	0.215	0.211		-1.86	
bis(2-Chloroethoxy) methane	0.419	0.405		-3.341	
2,4-Dichlorophenol	0.281	0.276		-1.779	20.0
1,2,4-Trichlorobenzene	0.318	0.313		-1.572	
Benzoic acid	0.214	0.200		-6.542	
Naphthalene	1.023	1.003		-1.955	
4-Chloroaniline	0.346	0.311		-10.116	
Hexachlorobutadiene	0.205	0.199		-2.927	20.0
Caprolactam	0.092	0.078		-15.217	
4-Chloro-3-methylphenol	0.318	0.290		-8.805	20.0
2-Methylnaphthalene	0.666	0.635		-4.655	
Hexachlorocyclopentadiene	0.170	0.203	0.050	19.412	
2,4,6-Trichlorophenol	0.374	0.355		-5.08	20.0
2-Fluorobiphenyl	1.303	1.281		-1.688	
2,4,5-Trichlorophenol	0.404	0.386		-4.455	
1,1-Biphenyl	1.488	1.459		-1.949	

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Lab File ID: BF139787.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	1.115	1.121		0.538	
2-Nitroaniline	0.400	0.369		-7.75	
Dimethylphthalate	1.309	1.211		-7.487	
Acenaphthylene	1.696	1.637		-3.479	
2,6-Dinitrotoluene	0.296	0.276		-6.757	
3-Nitroaniline	0.302	0.252		-16.556	
Acenaphthene	1.164	1.123		-3.522	20.0
2,4-Dinitrophenol	0.159	0.150	0.050	-5.66	
4-Nitrophenol	0.230	0.236	0.050	2.609	
Dibenzofuran	1.630	1.540		-5.521	
2,4-Dinitrotoluene	0.387	0.345		-10.853	
Diethylphthalate	1.352	1.182		-12.574	
4-Chlorophenyl-phenylether	0.650	0.608		-6.462	
Fluorene	1.298	1.210		-6.78	
4-Nitroaniline	0.309	0.241		-22.006	
4,6-Dinitro-2-methylphenol	0.113	0.104		-7.965	
n-Nitrosodiphenylamine	0.590	0.617		4.576	20.0
Azobenzene	1.360	1.211		-10.956	
2,4,6-Tribromophenol	0.193	0.161		-16.58	
4-Bromophenyl-phenylether	0.205	0.214		4.39	
Hexachlorobenzene	0.228	0.229		0.439	
Atrazine	0.158	0.140		-11.392	
Pentachlorophenol	0.135	0.137		1.481	20.0
Phenanthrene	0.943	0.917		-2.757	
Anthracene	0.933	0.894		-4.18	
Carbazole	0.896	0.791		-11.719	
Di-n-butylphthalate	1.090	0.971		-10.917	
Fluoranthene	1.031	0.870		-15.616	20.0
Benzidine	0.353	0.357		1.133	
Pyrene	1.789	1.797		0.447	
Terphenyl-d14	1.219	1.193		-2.133	
Butylbenzylphthalate	0.640	0.651		1.719	
3,3-Dichlorobenzidine	0.402	0.421		4.726	
Benzo(a)anthracene	1.315	1.280		-2.662	
Chrysene	1.202	1.167		-2.912	
Bis(2-ethylhexyl)phthalate	0.799	0.898		12.39	
Di-n-octyl phthalate	1.174	1.541		31.261	20.0
Benzo(b)fluoranthene	1.293	1.106		-14.462	
Benzo(k)fluoranthene	1.097	1.001		-8.751	

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Instrument ID: BNA_F Calibration Date/Time: 10/14/2024 : 14:30

Lab File ID: BF139787.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	1.020	0.920		-9.804	20.0
Indeno(1,2,3-cd)pyrene	1.177	1.084		-7.901	
Dibenzo(a,h)anthracene	0.976	0.833		-14.652	
Benzo(g,h,i)perylene	0.979	0.937		-4.29	
1,2,4,5-Tetrachlorobenzene	0.555	0.564		1.622	
1,4-Dioxane	0.499	0.482		-3.407	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.276		-15.337	
1-Methylnaphthalene	0.651	0.611		-6.144	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164005BL	SDG No.:	BF101424
Lab Sample ID:	PB164005BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139788.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

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

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164005BL	SDG No.:	BF101424
Lab Sample ID:	PB164005BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139788.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

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

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164005BL	SDG No.:	BF101424
Lab Sample ID:	PB164005BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139788.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.48		18-112		91	SPK: -150
13127-88-3	Phenol-d6	132.435		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	88.175		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	84.433		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164005BL	SDG No.:	BF101424
Lab Sample ID:	PB164005BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139788.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.444		10-116		85	SPK: -150
1718-51-0	Terphenyl-d14	96.006		10-105		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109810	6.863				
1146-65-2	Naphthalene-d8	430655	8.145				
15067-26-2	Acenaphthene-d10	250031	9.898				
1517-22-2	Phenanthrene-d10	474406	11.386				
1719-03-5	Chrysene-d12	266535	14.027				
1520-96-3	Perylene-d12	162874	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			2.246	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A			5.11	

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164005BS	SDG No.:	BF101424
Lab Sample ID:	PB164005BS	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
BF139789.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	650		180	270	330	ug/Kg
62-53-3	Aniline	1500		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	720		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164005BS	SDG No.:	BF101424
Lab Sample ID:	PB164005BS	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
BF139789.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4800	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1400		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	23400		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2600		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164005BS	SDG No.:	BF101424
Lab Sample ID:	PB164005BS	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
BF139789.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	2200		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.764		18-112		88	SPK: -150
13127-88-3	Phenol-d6	129.306		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	83.776		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	83.238		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164005BS	SDG No.:	BF101424
Lab Sample ID:	PB164005BS	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
BF139789.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.328		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	102.138		10-105		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111722	6.863				
1146-65-2	Naphthalene-d8	446110	8.145				
15067-26-2	Acenaphthene-d10	253965	9.904				
1517-22-2	Phenanthrene-d10	467000	11.392				
1719-03-5	Chrysene-d12	231133	14.033				
1520-96-3	Perylene-d12	184553	15.504				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-2	SDG No.:	BF101424
Lab Sample ID:	P4375-25	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
BF139790.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-2	SDG No.:	BF101424
Lab Sample ID:	P4375-25	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
BF139790.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-2	SDG No.:	BF101424
Lab Sample ID:	P4375-25	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
BF139790.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	65.159		18-112		43	SPK: -150
13127-88-3	Phenol-d6	77.13		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	55.295		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	56.351		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-2	SDG No.:	BF101424
Lab Sample ID:	P4375-25	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139790.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	55.141		10-116		37	SPK: -150
1718-51-0	Terphenyl-d14	61.488		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103456	6.863				
1146-65-2	Naphthalene-d8	406541	8.145				
15067-26-2	Acenaphthene-d10	229363	9.898				
1517-22-2	Phenanthrene-d10	439154	11.386				
1719-03-5	Chrysene-d12	252187	14.027				
1520-96-3	Perylene-d12	173358	15.498				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-3	SDG No.:	BF101424
Lab Sample ID:	P4375-27	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139791.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	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	24.2	U	24.2	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	55.9	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	45.2	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-3	SDG No.:	BF101424
Lab Sample ID:	P4375-27	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139791.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	53.5	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	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)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-3	SDG No.:	BF101424
Lab Sample ID:	P4375-27	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139791.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	81.018		18-112		54	SPK: -150
13127-88-3	Phenol-d6	84.798		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	56.427		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	57.114		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	FENCE-POST-3	SDG No.:	BF101424
Lab Sample ID:	P4375-27	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139791.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.508		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	64.671		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101274	6.863				
1146-65-2	Naphthalene-d8	400172	8.14				
15067-26-2	Acenaphthene-d10	231581	9.898				
1517-22-2	Phenanthrene-d10	446363	11.386				
1719-03-5	Chrysene-d12	242685	14.027				
1520-96-3	Perylene-d12	164587	15.498				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-11	SDG No.:	BF101424
Lab Sample ID:	P4375-21	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
BF139792.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-11	SDG No.:	BF101424
Lab Sample ID:	P4375-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139792.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	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	51.3	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-11	SDG No.:	BF101424
Lab Sample ID:	P4375-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139792.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	79.679		18-112		53	SPK: -150
13127-88-3	Phenol-d6	90.12		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	63.546		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	65.189		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-11	SDG No.:	BF101424
Lab Sample ID:	P4375-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139792.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.152		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	70.327		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85252	6.863				
1146-65-2	Naphthalene-d8	333479	8.139				
15067-26-2	Acenaphthene-d10	188237	9.898				
1517-22-2	Phenanthrene-d10	360517	11.386				
1719-03-5	Chrysene-d12	216064	14.027				
1520-96-3	Perylene-d12	150218	15.498				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-1	SDG No.:	BF101424
Lab Sample ID:	P4375-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139793.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	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	49.8	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	56.6	U	56.6	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-1	SDG No.:	BF101424
Lab Sample ID:	P4375-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139793.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	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	53.5	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	794.2	U	794.2	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	51.2	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-1	SDG No.:	BF101424
Lab Sample ID:	P4375-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139793.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	49.8	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	54.5	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	66.496		18-112		44	SPK: -150
13127-88-3	Phenol-d6	72.55		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	52.554		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	54.232		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-1	SDG No.:	BF101424
Lab Sample ID:	P4375-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139793.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	55.191		10-116		37	SPK: -150
1718-51-0	Terphenyl-d14	62.753		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91466	6.863				
1146-65-2	Naphthalene-d8	354073	8.139				
15067-26-2	Acenaphthene-d10	204434	9.898				
1517-22-2	Phenanthrene-d10	401940	11.386				
1719-03-5	Chrysene-d12	221939	14.027				
1520-96-3	Perylene-d12	157006	15.498				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	Chamberlain Ave	SDG No.:	BF101424
Lab Sample ID:	P4258-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139794.D	1	10/11/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	92.8	U	92.8	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.3	U	96.3	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.3	U	97.3	150	200	ug/Kg
95-57-8	2-Chlorophenol	97	U	97	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.3	U	98.3	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.9	U	99.9	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.4	U	96.4	310	380	ug/Kg
95-48-7	2-Methylphenol	93.7	U	93.7	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	92.7	U	92.7	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.8	U	46.8	93	93	ug/Kg
67-72-1	Hexachloroethane	96.4	U	96.4	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.3	U	98.3	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	99.7	U	99.7	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.7	U	87.7	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.2	U	99.2	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	310	380	ug/Kg
91-20-3	Naphthalene	96	U	96	150	200	ug/Kg
106-47-8	4-Chloroaniline	96	U	96	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.8	U	96.8	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	Chamberlain Ave	SDG No.:	BF101424
Lab Sample ID:	P4258-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139794.D	1	10/11/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.1	U	90.1	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	95.9	U	95.9	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83	U	83	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86	U	86	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.8	U	96.8	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	94.9	U	94.9	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.7	U	96.7	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.2	U	94.2	150	200	ug/Kg
Total PAH	Total PAH	1541.3	U	1541.3	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	98.1	U	98.1	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.7	U	196.7	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.1	U	93.1	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.5	U	99.5	150	200	ug/Kg
86-73-7	Fluorene	99.4	U	99.4	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	94.8	U	94.8	150	200	ug/Kg
103-33-3	Azobenzene	92.5	U	92.5	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.7	U	91.7	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.8	U	98.8	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	Chamberlain Ave	SDG No.:	BF101424
Lab Sample ID:	P4258-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139794.D	1	10/11/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.8	U	89.8	310	380	ug/Kg
85-01-8	Phenanthrene	97.6	U	97.6	150	200	ug/Kg
120-12-7	Anthracene	98.1	U	98.1	150	200	ug/Kg
86-74-8	Carbazole	93.3	U	93.3	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98	U	98	150	200	ug/Kg
206-44-0	Fluoranthene	94.9	U	94.9	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	96.4	U	96.4	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	93.8	U	93.8	150	200	ug/Kg
218-01-9	Chrysene	92.4	U	92.4	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	94.2	U	94.2	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96	U	96	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90.8	U	90.8	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.4	U	94.4	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.1	U	93.1	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86.8	U	86.8	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.7	U	96.7	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.326		18-112		56	SPK: -150
13127-88-3	Phenol-d6	82.772		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	53.507		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	52.953		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	Chamberlain Ave	SDG No.:	BF101424
Lab Sample ID:	P4258-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139794.D	1	10/11/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.25		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	63.626		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105117	6.863				
1146-65-2	Naphthalene-d8	416218	8.139				
15067-26-2	Acenaphthene-d10	238846	9.898				
1517-22-2	Phenanthrene-d10	453325	11.386				
1719-03-5	Chrysene-d12	213480	14.021				
1520-96-3	Perylene-d12	177491	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.081	
000119-61-9	Benzophenone	410	J			10.61	
000057-10-3	n-Hexadecanoic acid	300	J			11.91	
1010351-87-0	Heptadecyl trifluoroacetate	280	J			13.868	

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-5	SDG No.:	BF101424
Lab Sample ID:	P4375-09	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
BF139795.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-5	SDG No.:	BF101424
Lab Sample ID:	P4375-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139795.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	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	51.3	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-5	SDG No.:	BF101424
Lab Sample ID:	P4375-09	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
BF139795.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	44.677		18-112		30	SPK: -150
13127-88-3	Phenol-d6	53.757		15-107		36	SPK: -150
4165-60-0	Nitrobenzene-d5	40.454		18-107		40	SPK: -100
321-60-8	2-Fluorobiphenyl	42.994		20-109		43	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-5	SDG No.:	BF101424
Lab Sample ID:	P4375-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139795.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	32.942		10-116		22	SPK: -150
1718-51-0	Terphenyl-d14	51.82		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77702	6.863				
1146-65-2	Naphthalene-d8	294687	8.14				
15067-26-2	Acenaphthene-d10	166293	9.898				
1517-22-2	Phenanthrene-d10	307161	11.386				
1719-03-5	Chrysene-d12	144397	14.022				
1520-96-3	Perylene-d12	125766	15.498				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-6	SDG No.:	BF101424
Lab Sample ID:	P4375-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139796.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	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	49.8	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	56.6	U	56.6	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-6	SDG No.:	BF101424
Lab Sample ID:	P4375-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139796.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	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	53.5	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	794.2	U	794.2	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)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	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:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-6	SDG No.:	BF101424
Lab Sample ID:	P4375-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139796.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

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	49.8	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	54.5	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	90.408		18-112		60	SPK: -150
13127-88-3	Phenol-d6	93.023		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	65.944		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	66.834		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	CONCRETE-PADS-6	SDG No.:	BF101424
Lab Sample ID:	P4375-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139796.D	1	10/10/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.885		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	80.857		10-105		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85358	6.863				
1146-65-2	Naphthalene-d8	318524	8.145				
15067-26-2	Acenaphthene-d10	181505	9.898				
1517-22-2	Phenanthrene-d10	343378	11.386				
1719-03-5	Chrysene-d12	173919	14.021				
1520-96-3	Perylene-d12	135386	15.498				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EXCAVATION-SOILRE	SDG No.:	BF101424
Lab Sample ID:	P4359-02RE	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
BF139797.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164011

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:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EXCAVATION-SOILRE	SDG No.:	BF101424
Lab Sample ID:	P4359-02RE	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139797.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164011

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

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EXCAVATION-SOILRE	SDG No.:	BF101424
Lab Sample ID:	P4359-02RE	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139797.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164011

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	144.618		10-139		96	SPK: -150
13127-88-3	Phenol-d6	130.817		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	102.179		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	100.344		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EXCAVATION-SOILRE	SDG No.:	BF101424
Lab Sample ID:	P4359-02RE	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139797.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.957		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	112.32		48-125		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86179	6.863				
1146-65-2	Naphthalene-d8	325567	8.145				
15067-26-2	Acenaphthene-d10	182463	9.898				
1517-22-2	Phenanthrene-d10	325278	11.386				
1719-03-5	Chrysene-d12	175738	14.021				
1520-96-3	Perylene-d12	145707	15.498				

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-01-2.5-3.0DL	SDG No.:	BF101424
Lab Sample ID:	P4364-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF139798.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	490	U	490	1500	1900	ug/Kg
110-86-1	Pyridine	450	U	450	740	970	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1500	1900	ug/Kg
62-53-3	Aniline	550	U	550	740	970	ug/Kg
108-95-2	Phenol	470	U	470	740	970	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	480	U	480	740	970	ug/Kg
95-57-8	2-Chlorophenol	480	U	480	740	970	ug/Kg
95-50-1	1,2-Dichlorobenzene	480	U	480	740	970	ug/Kg
541-73-1	1,3-Dichlorobenzene	490	U	490	740	970	ug/Kg
106-46-7	1,4-Dichlorobenzene	490	U	490	740	970	ug/Kg
100-51-6	Benzyl Alcohol	470	U	470	1500	1900	ug/Kg
95-48-7	2-Methylphenol	460	U	460	740	970	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	520	U	520	740	970	ug/Kg
98-86-2	Acetophenone	490	U	490	740	970	ug/Kg
65794-96-9	3+4-Methylphenols	450	U	450	1500	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	230	U	230	460	460	ug/Kg
67-72-1	Hexachloroethane	470	U	470	740	970	ug/Kg
98-95-3	Nitrobenzene	520	U	520	740	970	ug/Kg
78-59-1	Isophorone	480	U	480	740	970	ug/Kg
88-75-5	2-Nitrophenol	540	U	540	740	970	ug/Kg
105-67-9	2,4-Dimethylphenol	530	U	530	740	970	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	490	U	490	740	970	ug/Kg
120-83-2	2,4-Dichlorophenol	430	U	430	740	970	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	490	U	490	740	970	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1500	1900	ug/Kg
91-20-3	Naphthalene	470	U	470	740	970	ug/Kg
106-47-8	4-Chloroaniline	470	U	470	740	970	ug/Kg
87-68-3	Hexachlorobutadiene	470	U	470	740	970	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-01-2.5-3.0DL	SDG No.:	BF101424
Lab Sample ID:	P4364-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF139798.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	490	U	490	1500	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	440	U	440	740	970	ug/Kg
91-57-6	2-Methylnaphthalene	470	U	470	740	970	ug/Kg
77-47-4	Hexachlorocyclopentadiene	890	U	890	1500	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	410	740	970	ug/Kg
95-95-4	2,4,5-Trichlorophenol	420	U	420	740	970	ug/Kg
92-52-4	1,1-Biphenyl	500	U	500	740	970	ug/Kg
91-58-7	2-Chloronaphthalene	470	U	470	740	970	ug/Kg
88-74-4	2-Nitroaniline	540	U	540	740	970	ug/Kg
131-11-3	Dimethylphthalate	460	U	460	740	970	ug/Kg
208-96-8	Acenaphthylene	510	JD	490	740	970	ug/Kg
606-20-2	2,6-Dinitrotoluene	470	U	470	740	970	ug/Kg
99-09-2	3-Nitroaniline	510	U	510	740	970	ug/Kg
83-32-9	Acenaphthene	460	U	460	740	970	ug/Kg
Total PAH	Total PAH	27810	UD	7530	740	15520	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1500	1900	ug/Kg
100-02-7	4-Nitrophenol	660	U	660	1500	1900	ug/Kg
132-64-9	Dibenzofuran	480	U	480	740	970	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960	U	960	740	1940	ug/Kg
121-14-2	2,4-Dinitrotoluene	490	U	490	740	970	ug/Kg
84-66-2	Diethylphthalate	460	U	460	740	970	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	490	U	490	740	970	ug/Kg
86-73-7	Fluorene	670	JD	490	740	970	ug/Kg
100-01-6	4-Nitroaniline	610	U	610	740	970	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	670	U	670	1500	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	460	U	460	740	970	ug/Kg
103-33-3	Azobenzene	450	U	450	740	970	ug/Kg
101-55-3	4-Bromophenyl-phenylether	450	U	450	740	970	ug/Kg
118-74-1	Hexachlorobenzene	480	U	480	740	970	ug/Kg
1912-24-9	Atrazine	520	U	520	740	970	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-01-2.5-3.0DL	SDG No.:	BF101424
Lab Sample ID:	P4364-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF139798.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	440	U	440	1500	1900	ug/Kg
85-01-8	Phenanthrene	4800	D	480	740	970	ug/Kg
120-12-7	Anthracene	830	JD	480	740	970	ug/Kg
86-74-8	Carbazole	460	U	460	740	970	ug/Kg
84-74-2	Di-n-butylphthalate	480	U	480	740	970	ug/Kg
206-44-0	Fluoranthene	3600	D	460	740	970	ug/Kg
92-87-5	Benzidine	930	U	930	1500	1900	ug/Kg
129-00-0	Pyrene	4900	D	470	740	970	ug/Kg
85-68-7	Butylbenzylphthalate	550	U	550	740	970	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560	U	560	1500	1900	ug/Kg
56-55-3	Benzo(a)anthracene	2400	D	460	740	970	ug/Kg
218-01-9	Chrysene	2200	D	450	740	970	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520	U	520	740	970	ug/Kg
117-84-0	Di-n-octyl phthalate	630	U	630	1500	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100	D	460	740	970	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000	D	470	740	970	ug/Kg
50-32-8	Benzo(a)pyrene	2300	D	530	740	970	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000	D	440	740	970	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	460	U	460	740	970	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500	D	460	740	970	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	490	U	490	740	970	ug/Kg
123-91-1	1,4-Dioxane	630	U	630	740	970	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	420	U	420	740	970	ug/Kg
90-12-0	1-Methylnaphthalene	470	U	470	970	970	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.32		18-112		77	SPK: -150
13127-88-3	Phenol-d6	112.38		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	70.61		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	77.995		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-01-2.5-3.0DL	SDG No.:	BF101424
Lab Sample ID:	P4364-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139798.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.4		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	71.845		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84201	6.863				
1146-65-2	Naphthalene-d8	324056	8.145				
15067-26-2	Acenaphthene-d10	175823	9.898				
1517-22-2	Phenanthrene-d10	290604	11.386				
1719-03-5	Chrysene-d12	148177	14.021				
1520-96-3	Perylene-d12	165318	15.498				

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-01-1.0-1.5DL	SDG No.:	BF101424
Lab Sample ID:	P4364-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139799.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	500	U	500	1600	1900	ug/Kg
110-86-1	Pyridine	460	U	460	750	980	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1600	1900	ug/Kg
62-53-3	Aniline	560	U	560	750	980	ug/Kg
108-95-2	Phenol	480	U	480	750	980	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	480	U	480	750	980	ug/Kg
95-57-8	2-Chlorophenol	480	U	480	750	980	ug/Kg
95-50-1	1,2-Dichlorobenzene	490	U	490	750	980	ug/Kg
541-73-1	1,3-Dichlorobenzene	500	U	500	750	980	ug/Kg
106-46-7	1,4-Dichlorobenzene	500	U	500	750	980	ug/Kg
100-51-6	Benzyl Alcohol	480	U	480	1600	1900	ug/Kg
95-48-7	2-Methylphenol	470	U	470	750	980	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	530	U	530	750	980	ug/Kg
98-86-2	Acetophenone	500	U	500	750	980	ug/Kg
65794-96-9	3+4-Methylphenols	460	U	460	1600	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	230	U	230	460	460	ug/Kg
67-72-1	Hexachloroethane	480	U	480	750	980	ug/Kg
98-95-3	Nitrobenzene	530	U	530	750	980	ug/Kg
78-59-1	Isophorone	490	U	490	750	980	ug/Kg
88-75-5	2-Nitrophenol	550	U	550	750	980	ug/Kg
105-67-9	2,4-Dimethylphenol	540	U	540	750	980	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	500	U	500	750	980	ug/Kg
120-83-2	2,4-Dichlorophenol	440	U	440	750	980	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	490	U	490	750	980	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1600	1900	ug/Kg
91-20-3	Naphthalene	480	U	480	750	980	ug/Kg
106-47-8	4-Chloroaniline	480	U	480	750	980	ug/Kg
87-68-3	Hexachlorobutadiene	480	U	480	750	980	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-01-1.0-1.5DL	SDG No.:	BF101424
Lab Sample ID:	P4364-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139799.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	500	U	500	1600	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	450	U	450	750	980	ug/Kg
91-57-6	2-Methylnaphthalene	480	U	480	750	980	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900	U	900	1600	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	410	750	980	ug/Kg
95-95-4	2,4,5-Trichlorophenol	430	U	430	750	980	ug/Kg
92-52-4	1,1-Biphenyl	510	U	510	750	980	ug/Kg
91-58-7	2-Chloronaphthalene	480	U	480	750	980	ug/Kg
88-74-4	2-Nitroaniline	550	U	550	750	980	ug/Kg
131-11-3	Dimethylphthalate	470	U	470	750	980	ug/Kg
208-96-8	Acenaphthylene	500	U	500	750	980	ug/Kg
606-20-2	2,6-Dinitrotoluene	480	U	480	750	980	ug/Kg
99-09-2	3-Nitroaniline	520	U	520	750	980	ug/Kg
83-32-9	Acenaphthene	470	U	470	750	980	ug/Kg
Total PAH	Total PAH	39930	D	7670	750	15680	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1600	1900	ug/Kg
100-02-7	4-Nitrophenol	670	U	670	1600	1900	ug/Kg
132-64-9	Dibenzofuran	490	U	490	750	980	ug/Kg
121-14-2	2,4-Dinitrotoluene	500	U	500	750	980	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	980	U	980	750	1960	ug/Kg
84-66-2	Diethylphthalate	460	U	460	750	980	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	500	U	500	750	980	ug/Kg
86-73-7	Fluorene	530	JD	490	750	980	ug/Kg
100-01-6	4-Nitroaniline	620	U	620	750	980	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	680	U	680	1600	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	470	U	470	750	980	ug/Kg
103-33-3	Azobenzene	460	U	460	750	980	ug/Kg
101-55-3	4-Bromophenyl-phenylether	460	U	460	750	980	ug/Kg
118-74-1	Hexachlorobenzene	490	U	490	750	980	ug/Kg
1912-24-9	Atrazine	530	U	530	750	980	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-01-1.0-1.5DL	SDG No.:	BF101424
Lab Sample ID:	P4364-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139799.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	450	U	450	1600	1900	ug/Kg
85-01-8	Phenanthrene	5300	D	490	750	980	ug/Kg
120-12-7	Anthracene	1300	D	490	750	980	ug/Kg
86-74-8	Carbazole	530	JD	460	750	980	ug/Kg
84-74-2	Di-n-butylphthalate	490	U	490	750	980	ug/Kg
206-44-0	Fluoranthene	5800	D	470	750	980	ug/Kg
92-87-5	Benzidine	940	U	940	1600	1900	ug/Kg
129-00-0	Pyrene	5700	D	480	750	980	ug/Kg
85-68-7	Butylbenzylphthalate	560	U	560	750	980	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570	U	570	1600	1900	ug/Kg
56-55-3	Benzo(a)anthracene	4100	D	470	750	980	ug/Kg
218-01-9	Chrysene	3600	D	460	750	980	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	530	U	530	750	980	ug/Kg
117-84-0	Di-n-octyl phthalate	640	U	640	1600	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	4300	D	470	750	980	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	D	480	750	980	ug/Kg
50-32-8	Benzo(a)pyrene	3700	D	540	750	980	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600	D	450	750	980	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	500	JD	470	750	980	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900	D	460	750	980	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	500	U	500	750	980	ug/Kg
123-91-1	1,4-Dioxane	640	U	640	750	980	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	430	U	430	750	980	ug/Kg
90-12-0	1-Methylnaphthalene	480	U	480	980	980	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.77		18-112		71	SPK: -150
13127-88-3	Phenol-d6	105.96		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	69.005		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	78.375		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-01-1.0-1.5DL	SDG No.:	BF101424
Lab Sample ID:	P4364-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139799.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.145		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	66.905		10-105		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90077	6.863				
1146-65-2	Naphthalene-d8	333860	8.145				
15067-26-2	Acenaphthene-d10	173595	9.898				
1517-22-2	Phenanthrene-d10	270748	11.386				
1719-03-5	Chrysene-d12	145107	14.027				
1520-96-3	Perylene-d12	163152	15.498				

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-02-2.0-2.5DL	SDG No.:	BF101424
Lab Sample ID:	P4364-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BF139800.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	490	U	490	1500	1900	ug/Kg
110-86-1	Pyridine	450	U	450	740	970	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1500	1900	ug/Kg
62-53-3	Aniline	550	U	550	740	970	ug/Kg
108-95-2	Phenol	470	U	470	740	970	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	480	U	480	740	970	ug/Kg
95-57-8	2-Chlorophenol	470	U	470	740	970	ug/Kg
95-50-1	1,2-Dichlorobenzene	480	U	480	740	970	ug/Kg
541-73-1	1,3-Dichlorobenzene	490	U	490	740	970	ug/Kg
106-46-7	1,4-Dichlorobenzene	490	U	490	740	970	ug/Kg
100-51-6	Benzyl Alcohol	470	U	470	1500	1900	ug/Kg
95-48-7	2-Methylphenol	460	U	460	740	970	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	520	U	520	740	970	ug/Kg
98-86-2	Acetophenone	490	U	490	740	970	ug/Kg
65794-96-9	3+4-Methylphenols	450	U	450	1500	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	230	U	230	450	450	ug/Kg
67-72-1	Hexachloroethane	470	U	470	740	970	ug/Kg
98-95-3	Nitrobenzene	520	U	520	740	970	ug/Kg
78-59-1	Isophorone	480	U	480	740	970	ug/Kg
88-75-5	2-Nitrophenol	540	U	540	740	970	ug/Kg
105-67-9	2,4-Dimethylphenol	530	U	530	740	970	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	490	U	490	740	970	ug/Kg
120-83-2	2,4-Dichlorophenol	430	U	430	740	970	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	490	U	490	740	970	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1500	1900	ug/Kg
91-20-3	Naphthalene	470	U	470	740	970	ug/Kg
106-47-8	4-Chloroaniline	470	U	470	740	970	ug/Kg
87-68-3	Hexachlorobutadiene	470	U	470	740	970	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-02-2.0-2.5DL	SDG No.:	BF101424
Lab Sample ID:	P4364-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BF139800.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	490	U	490	1500	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	440	U	440	740	970	ug/Kg
91-57-6	2-Methylnaphthalene	470	U	470	740	970	ug/Kg
77-47-4	Hexachlorocyclopentadiene	890	U	890	1500	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	410	740	970	ug/Kg
95-95-4	2,4,5-Trichlorophenol	420	U	420	740	970	ug/Kg
92-52-4	1,1-Biphenyl	500	U	500	740	970	ug/Kg
91-58-7	2-Chloronaphthalene	470	U	470	740	970	ug/Kg
88-74-4	2-Nitroaniline	540	U	540	740	970	ug/Kg
131-11-3	Dimethylphthalate	460	U	460	740	970	ug/Kg
208-96-8	Acenaphthylene	490	U	490	740	970	ug/Kg
606-20-2	2,6-Dinitrotoluene	470	U	470	740	970	ug/Kg
99-09-2	3-Nitroaniline	510	U	510	740	970	ug/Kg
83-32-9	Acenaphthene	460	U	460	740	970	ug/Kg
Total PAH	Total PAH	16810	UD	7530	740	15520	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1500	1900	ug/Kg
100-02-7	4-Nitrophenol	660	U	660	1500	1900	ug/Kg
132-64-9	Dibenzofuran	480	U	480	740	970	ug/Kg
121-14-2	2,4-Dinitrotoluene	490	U	490	740	970	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960	U	960	740	1940	ug/Kg
84-66-2	Diethylphthalate	460	U	460	740	970	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	490	U	490	740	970	ug/Kg
86-73-7	Fluorene	490	U	490	740	970	ug/Kg
100-01-6	4-Nitroaniline	610	U	610	740	970	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	670	U	670	1500	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	460	U	460	740	970	ug/Kg
103-33-3	Azobenzene	450	U	450	740	970	ug/Kg
101-55-3	4-Bromophenyl-phenylether	450	U	450	740	970	ug/Kg
118-74-1	Hexachlorobenzene	480	U	480	740	970	ug/Kg
1912-24-9	Atrazine	520	U	520	740	970	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-02-2.0-2.5DL	SDG No.:	BF101424
Lab Sample ID:	P4364-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BF139800.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	440	U	440	1500	1900	ug/Kg
85-01-8	Phenanthrene	2300	D	480	740	970	ug/Kg
120-12-7	Anthracene	480	U	480	740	970	ug/Kg
86-74-8	Carbazole	460	U	460	740	970	ug/Kg
84-74-2	Di-n-butylphthalate	480	U	480	740	970	ug/Kg
206-44-0	Fluoranthene	2900	D	460	740	970	ug/Kg
92-87-5	Benzidine	930	U	930	1500	1900	ug/Kg
129-00-0	Pyrene	2600	D	470	740	970	ug/Kg
85-68-7	Butylbenzylphthalate	550	U	550	740	970	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560	U	560	1500	1900	ug/Kg
56-55-3	Benzo(a)anthracene	1800	D	460	740	970	ug/Kg
218-01-9	Chrysene	1600	D	450	740	970	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520	U	520	740	970	ug/Kg
117-84-0	Di-n-octyl phthalate	630	U	630	1500	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	D	460	740	970	ug/Kg
207-08-9	Benzo(k)fluoranthene	830	JD	470	740	970	ug/Kg
50-32-8	Benzo(a)pyrene	1600	D	530	740	970	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	620	JD	440	740	970	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	460	U	460	740	970	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860	JD	460	740	970	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	490	U	490	740	970	ug/Kg
123-91-1	1,4-Dioxane	630	U	630	740	970	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	420	U	420	740	970	ug/Kg
90-12-0	1-Methylnaphthalene	470	U	470	970	970	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.375		18-112		68	SPK: -150
13127-88-3	Phenol-d6	95.935		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	66.895		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	76.395		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-02-2.0-2.5DL	SDG No.:	BF101424
Lab Sample ID:	P4364-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
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
BF139800.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.93		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	54.1		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74317	6.863				
1146-65-2	Naphthalene-d8	253650	8.145				
15067-26-2	Acenaphthene-d10	118262	9.898				
1517-22-2	Phenanthrene-d10	192952	11.381				
1719-03-5	Chrysene-d12	155448	14.022				
1520-96-3	Perylene-d12	132295	15.498				

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SB-06-0.167-0.667	SDG No.:	BF101424
Lab Sample ID:	P4364-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139801.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	510	U	510	1600	1900	ug/Kg
110-86-1	Pyridine	470	U	470	770	1000	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1600	1900	ug/Kg
62-53-3	Aniline	570	U	570	770	1000	ug/Kg
108-95-2	Phenol	490	U	490	770	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	490	U	490	770	1000	ug/Kg
95-57-8	2-Chlorophenol	490	U	490	770	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	500	U	500	770	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	510	U	510	770	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	510	U	510	770	1000	ug/Kg
100-51-6	Benzyl Alcohol	490	U	490	1600	1900	ug/Kg
95-48-7	2-Methylphenol	470	U	470	770	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	540	U	540	770	1000	ug/Kg
98-86-2	Acetophenone	510	U	510	770	1000	ug/Kg
65794-96-9	3+4-Methylphenols	470	U	470	1600	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	470	470	ug/Kg
67-72-1	Hexachloroethane	490	U	490	770	1000	ug/Kg
98-95-3	Nitrobenzene	530	U	530	770	1000	ug/Kg
78-59-1	Isophorone	500	U	500	770	1000	ug/Kg
88-75-5	2-Nitrophenol	560	U	560	770	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	550	U	550	770	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	510	U	510	770	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	440	U	440	770	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	500	U	500	770	1000	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1600	1900	ug/Kg
91-20-3	Naphthalene	490	U	490	770	1000	ug/Kg
106-47-8	4-Chloroaniline	490	U	490	770	1000	ug/Kg
87-68-3	Hexachlorobutadiene	490	U	490	770	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SB-06-0.167-0.667	SDG No.:	BF101424
Lab Sample ID:	P4364-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139801.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	510	U	510	1600	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	460	U	460	770	1000	ug/Kg
91-57-6	2-Methylnaphthalene	490	U	490	770	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	920	U	920	1600	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	420	U	420	770	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	440	U	440	770	1000	ug/Kg
92-52-4	1,1-Biphenyl	510	U	510	770	1000	ug/Kg
91-58-7	2-Chloronaphthalene	490	U	490	770	1000	ug/Kg
88-74-4	2-Nitroaniline	560	U	560	770	1000	ug/Kg
131-11-3	Dimethylphthalate	480	U	480	770	1000	ug/Kg
208-96-8	Acenaphthylene	510	J	510	770	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	490	U	490	770	1000	ug/Kg
99-09-2	3-Nitroaniline	530	U	530	770	1000	ug/Kg
83-32-9	Acenaphthene	1700		480	770	1000	ug/Kg
Total PAH	Total PAH	140710		7820	770	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	1600	1900	ug/Kg
100-02-7	4-Nitrophenol	680	U	680	1600	1900	ug/Kg
132-64-9	Dibenzofuran	940	J	500	770	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1000	U	1000	770	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	510	U	510	770	1000	ug/Kg
84-66-2	Diethylphthalate	470	U	470	770	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	500	U	500	770	1000	ug/Kg
86-73-7	Fluorene	1400		500	770	1000	ug/Kg
100-01-6	4-Nitroaniline	630	U	630	770	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690	U	690	1600	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	480	U	480	770	1000	ug/Kg
103-33-3	Azobenzene	470	U	470	770	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	460	U	460	770	1000	ug/Kg
118-74-1	Hexachlorobenzene	500	U	500	770	1000	ug/Kg
1912-24-9	Atrazine	540	U	540	770	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SB-06-0.167-0.667	SDG No.:	BF101424
Lab Sample ID:	P4364-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139801.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	460	U	460	1600	1900	ug/Kg
85-01-8	Phenanthrene	17800	E	490	770	1000	ug/Kg
120-12-7	Anthracene	4300		500	770	1000	ug/Kg
86-74-8	Carbazole	1800		470	770	1000	ug/Kg
84-74-2	Di-n-butylphthalate	500	U	500	770	1000	ug/Kg
206-44-0	Fluoranthene	24000	E	480	770	1000	ug/Kg
92-87-5	Benzidine	960	U	960	1600	1900	ug/Kg
129-00-0	Pyrene	17800	E	490	770	1000	ug/Kg
85-68-7	Butylbenzylphthalate	570	U	570	770	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580	U	580	1600	1900	ug/Kg
56-55-3	Benzo(a)anthracene	14500		480	770	1000	ug/Kg
218-01-9	Chrysene	13200		470	770	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	540	U	540	770	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	650	U	650	1600	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	14600		480	770	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	6700		490	770	1000	ug/Kg
50-32-8	Benzo(a)pyrene	12200		550	770	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5000		460	770	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		480	770	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	5500		470	770	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	510	U	510	770	1000	ug/Kg
123-91-1	1,4-Dioxane	650	U	650	770	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	440	U	440	770	1000	ug/Kg
90-12-0	1-Methylnaphthalene	490	U	490	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.915		18-112		63	SPK: -150
13127-88-3	Phenol-d6	97.05		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	65.985		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	68.755		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SB-06-0.167-0.667	SDG No.:	BF101424
Lab Sample ID:	P4364-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139801.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.715		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	48.85		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85492	6.863				
1146-65-2	Naphthalene-d8	313236	8.145				
15067-26-2	Acenaphthene-d10	148707	9.898				
1517-22-2	Phenanthrene-d10	225636	11.386				
1719-03-5	Chrysene-d12	160985	14.033				
1520-96-3	Perylene-d12	140827	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3400	J			2.116	
000300-57-2	Benzene, 2-propenyl-	790	J			6.692	
006263-65-6	Benzenemethanethiol, .alpha.-methy	740	J			7.716	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	580	J			8.357	
000527-84-4	o-Cymene	680	J			8.416	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	880	J			10.604	
002531-84-2	Phenanthrene, 2-methyl-	560	J			11.916	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1000	J			11.998	
002381-21-7	Pyrene, 1-methyl-	550	J			13.045	
000238-84-6	11H-Benzo[a]fluorene	770	J			13.151	
033543-31-6	Fluoranthene, 2-methyl-	650	J			13.257	
000479-79-8	11H-Benzo[a]fluoren-11-one	590	J			13.663	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	610	J			13.774	
1000080-17-7	7,12-Dihydrobenzo[k]fluoranthene	1700	J			14.91	
000192-97-2	Benzo[e]pyrene	2100	J			15.18	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	1400	J			15.28	
000198-55-0	Perylene	7600	J			15.38	
000213-46-7	Picene	640	J			17.151	
000215-58-7	Benzo[b]triphenylene	690	J			17.215	

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SB-06-0.167-0.667	SDG No.:	BF101424
Lab Sample ID:	P4364-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139801.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000191-26-4	Dibenzo[def,mno]chrysene	1200	J			17.662	

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-04-0.167-0.667	SDG No.:	BF101424
Lab Sample ID:	P4364-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139802.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480	U	480	1500	1800	ug/Kg
110-86-1	Pyridine	440	U	440	720	940	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1500	1800	ug/Kg
62-53-3	Aniline	540	U	540	720	940	ug/Kg
108-95-2	Phenol	460	U	460	720	940	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	460	U	460	720	940	ug/Kg
95-57-8	2-Chlorophenol	460	U	460	720	940	ug/Kg
95-50-1	1,2-Dichlorobenzene	470	U	470	720	940	ug/Kg
541-73-1	1,3-Dichlorobenzene	480	U	480	720	940	ug/Kg
106-46-7	1,4-Dichlorobenzene	480	U	480	720	940	ug/Kg
100-51-6	Benzyl Alcohol	460	U	460	1500	1800	ug/Kg
95-48-7	2-Methylphenol	450	U	450	720	940	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	500	U	500	720	940	ug/Kg
98-86-2	Acetophenone	480	U	480	720	940	ug/Kg
65794-96-9	3+4-Methylphenols	440	U	440	1500	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	220	U	220	440	440	ug/Kg
67-72-1	Hexachloroethane	460	U	460	720	940	ug/Kg
98-95-3	Nitrobenzene	500	U	500	720	940	ug/Kg
78-59-1	Isophorone	470	U	470	720	940	ug/Kg
88-75-5	2-Nitrophenol	520	U	520	720	940	ug/Kg
105-67-9	2,4-Dimethylphenol	520	U	520	720	940	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	480	U	480	720	940	ug/Kg
120-83-2	2,4-Dichlorophenol	420	U	420	720	940	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	470	U	470	720	940	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1500	1800	ug/Kg
91-20-3	Naphthalene	510	J	460	720	940	ug/Kg
106-47-8	4-Chloroaniline	460	U	460	720	940	ug/Kg
87-68-3	Hexachlorobutadiene	460	U	460	720	940	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-04-0.167-0.667	SDG No.:	BF101424
Lab Sample ID:	P4364-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139802.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	480	U	480	1500	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	430	U	430	720	940	ug/Kg
91-57-6	2-Methylnaphthalene	460	U	460	720	940	ug/Kg
77-47-4	Hexachlorocyclopentadiene	870	U	870	1500	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	400	U	400	720	940	ug/Kg
95-95-4	2,4,5-Trichlorophenol	410	U	410	720	940	ug/Kg
92-52-4	1,1-Biphenyl	480	U	480	720	940	ug/Kg
91-58-7	2-Chloronaphthalene	460	U	460	720	940	ug/Kg
88-74-4	2-Nitroaniline	530	U	530	720	940	ug/Kg
131-11-3	Dimethylphthalate	450	U	450	720	940	ug/Kg
208-96-8	Acenaphthylene	480	U	480	720	940	ug/Kg
606-20-2	2,6-Dinitrotoluene	460	U	460	720	940	ug/Kg
99-09-2	3-Nitroaniline	490	U	490	720	940	ug/Kg
83-32-9	Acenaphthene	450	U	450	720	940	ug/Kg
Total PAH	Total PAH	9040	U	7350	720	15040	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1500	1800	ug/Kg
100-02-7	4-Nitrophenol	640	U	640	1500	1800	ug/Kg
132-64-9	Dibenzofuran	470	U	470	720	940	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	940	U	940	720	1880	ug/Kg
121-14-2	2,4-Dinitrotoluene	480	U	480	720	940	ug/Kg
84-66-2	Diethylphthalate	440	U	440	720	940	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	470	U	470	720	940	ug/Kg
86-73-7	Fluorene	470	U	470	720	940	ug/Kg
100-01-6	4-Nitroaniline	590	U	590	720	940	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	650	U	650	1500	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	450	U	450	720	940	ug/Kg
103-33-3	Azobenzene	440	U	440	720	940	ug/Kg
101-55-3	4-Bromophenyl-phenylether	440	U	440	720	940	ug/Kg
118-74-1	Hexachlorobenzene	470	U	470	720	940	ug/Kg
1912-24-9	Atrazine	510	U	510	720	940	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-04-0.167-0.667	SDG No.:	BF101424
Lab Sample ID:	P4364-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139802.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	430	U	430	1500	1800	ug/Kg
85-01-8	Phenanthrene	590	J	470	720	940	ug/Kg
120-12-7	Anthracene	470	U	470	720	940	ug/Kg
86-74-8	Carbazole	450	U	450	720	940	ug/Kg
84-74-2	Di-n-butylphthalate	2400		470	720	940	ug/Kg
206-44-0	Fluoranthene	1300		450	720	940	ug/Kg
92-87-5	Benzidine	900	U	900	1500	1800	ug/Kg
129-00-0	Pyrene	990		460	720	940	ug/Kg
85-68-7	Butylbenzylphthalate	540	U	540	720	940	ug/Kg
91-94-1	3,3-Dichlorobenzidine	550	U	550	1500	1800	ug/Kg
56-55-3	Benzo(a)anthracene	860	J	450	720	940	ug/Kg
218-01-9	Chrysene	740	J	440	720	940	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2700		500	720	940	ug/Kg
117-84-0	Di-n-octyl phthalate	610	U	610	1500	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		450	720	940	ug/Kg
207-08-9	Benzo(k)fluoranthene	670	J	460	720	940	ug/Kg
50-32-8	Benzo(a)pyrene	1100		520	720	940	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510	J	430	720	940	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	450	U	450	720	940	ug/Kg
191-24-2	Benzo(g,h,i)perylene	570	J	440	720	940	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	480	U	480	720	940	ug/Kg
123-91-1	1,4-Dioxane	610	U	610	720	940	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	410	720	940	ug/Kg
90-12-0	1-Methylnaphthalene	460	U	460	940	940	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.54		18-112		70	SPK: -150
13127-88-3	Phenol-d6	101.585		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	66.66		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	79.225		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-04-0.167-0.667	SDG No.:	BF101424
Lab Sample ID:	P4364-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139802.D	5	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.735		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	57.145		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92902	6.863				
1146-65-2	Naphthalene-d8	333414	8.145				
15067-26-2	Acenaphthene-d10	154068	9.898				
1517-22-2	Phenanthrene-d10	234425	11.38				
1719-03-5	Chrysene-d12	182927	14.027				
1520-96-3	Perylene-d12	136364	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4600	J			2.134	
	unknown13.680	1700	J			13.68	
000192-97-2	Benzo[e]pyrene	580	J			15.374	

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-03-4.167-4.667	SDG No.:	BF101424
Lab Sample ID:	P4364-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139803.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	93.7	U	93.7	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.2	U	97.2	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.1	U	98.1	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.9	U	97.9	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.2	U	99.2	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.3	U	97.3	320	390	ug/Kg
95-48-7	2-Methylphenol	94.5	U	94.5	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.5	U	93.5	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.2	U	47.2	93.8	93.8	ug/Kg
67-72-1	Hexachloroethane	97.3	U	97.3	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.2	U	99.2	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.5	U	88.5	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	96.8	U	96.8	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.8	U	96.8	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.6	U	97.6	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-03-4.167-4.667	SDG No.:	BF101424
Lab Sample ID:	P4364-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139803.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.8	U	90.8	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.7	U	96.7	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.7	U	83.7	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.7	U	86.7	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.6	U	97.6	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.8	U	95.8	150	200	ug/Kg
208-96-8	Acenaphthylene	100	J	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.5	U	97.5	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	95.1	U	95.1	150	200	ug/Kg
Total PAH	Total PAH	6370	U	1552.7	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	98.9	U	98.9	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.5	U	197.5	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.9	U	93.9	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.6	U	95.6	150	200	ug/Kg
103-33-3	Azobenzene	93.3	U	93.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.5	U	92.5	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.6	U	99.6	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-03-4.167-4.667	SDG No.:	BF101424
Lab Sample ID:	P4364-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139803.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.6	U	90.6	320	390	ug/Kg
85-01-8	Phenanthrene	530		98.5	150	200	ug/Kg
120-12-7	Anthracene	140	J	98.9	150	200	ug/Kg
86-74-8	Carbazole	94.1	U	94.1	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.8	U	98.8	150	200	ug/Kg
206-44-0	Fluoranthene	1100		95.8	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	910		97.3	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	680		94.6	150	200	ug/Kg
218-01-9	Chrysene	660		93.2	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	780		95.1	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	300		96.8	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	590		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		91.5	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.2	U	95.2	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		93.9	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.6	U	87.6	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.5	U	97.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.777		18-112		55	SPK: -150
13127-88-3	Phenol-d6	78.179		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	52.698		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	53.647		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-03-4.167-4.667	SDG No.:	BF101424
Lab Sample ID:	P4364-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139803.D	1	10/9/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.604		10-116		42	SPK: -150
1718-51-0	Terphenyl-d14	41.236		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94240	6.863				
1146-65-2	Naphthalene-d8	342476	8.145				
15067-26-2	Acenaphthene-d10	161605	9.898				
1517-22-2	Phenanthrene-d10	245555	11.386				
1719-03-5	Chrysene-d12	177763	14.027				
1520-96-3	Perylene-d12	135400	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3000	J			2.158	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.081	
000119-61-9	Benzophenone	210	J			10.61	
000629-50-5	Tridecane	86.7	J			10.798	
000057-10-3	n-Hexadecanoic acid	720	J			11.91	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	290	J			11.998	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	82.8	J			12.18	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			12.433	
	unknown12.469	110	J			12.469	
005737-13-3	Cyclopenta(def)phenanthrenone	98.5	J			12.522	
116196-83-9	4,4-Bis(tetrahydrothiopyran)	160	J			12.692	
002381-21-7	Pyrene, 1-methyl-	100	J			13.045	
033543-31-6	Fluoranthene, 2-methyl-	130	J			13.151	
003353-12-6	Pyrene, 4-methyl-	83.6	J			13.257	
000479-79-8	11H-Benzo[a]fluoren-11-one	78.1	J			13.663	
000082-05-3	7H-Benz[de]anthracen-7-one	160	J			13.869	
000192-97-2	Benzo[e]pyrene	300	J			15.374	

Hit Summary Sheet SW-846

SDG No.: BF101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Chamberlain Ave								
P4258-03	Chamberlain Ave	Solid	2-Pentanone, 4-hydroxy-4-methyl *	180.000	A			
P4258-03	Chamberlain Ave	Solid	Benzophenone *	410.000	J			
P4258-03	Chamberlain Ave	Solid	Butane, 2-methoxy-2-methyl- *	2,200.000	J			
P4258-03	Chamberlain Ave	Solid	Heptadecyl trifluoroacetate *	280.000	J			
P4258-03	Chamberlain Ave	Solid	n-Hexadecanoic acid *	300.000	J			
Total Tics :				3,370.00				
Total Concentration:				3,370.00				
Client ID : SB-01-1.0-1.5DL								
P4364-01DL	SB-01-1.0-1.5DL	Solid	Anthracene	1,300.000	D	490	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Benzo(a)anthracene	4,100.000	D	470	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Benzo(a)pyrene	3,700.000	D	540	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Benzo(b)fluoranthene	4,300.000	D	470	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Benzo(g,h,i)perylene	1,900.000	D	460	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Benzo(k)fluoranthene	1,600.000	D	480	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Carbazole	530.000	JD	460	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Chrysene	3,600.000	D	460	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Dibenzo(a,h)anthracene	500.000	JD	470	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Fluoranthene	5,800.000	D	470	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Fluorene	530.000	JD	490	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Indeno(1,2,3-cd)pyrene	1,600.000	D	450	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Phenanthrene	5,300.000	D	490	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Pyrene	5,700.000	D	480	980	ug/Kg
P4364-01DL	SB-01-1.0-1.5DL	Solid	Total PAH	39,930.000	D	7670	15680	ug/Kg
Total Svoc :				80,390.00				
Total Concentration:				80,390.00				
Client ID : SB-01-2.5-3.0DL								
P4364-02DL	SB-01-2.5-3.0DL	Solid	Acenaphthylene	510.000	JD	490	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Anthracene	830.000	JD	480	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Benzo(a)anthracene	2,400.000	D	460	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Benzo(a)pyrene	2,300.000	D	530	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Benzo(b)fluoranthene	2,100.000	D	460	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Benzo(g,h,i)perylene	1,500.000	D	460	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Benzo(k)fluoranthene	1,000.000	D	470	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Chrysene	2,200.000	D	450	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Fluoranthene	3,600.000	D	460	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Fluorene	670.000	JD	490	970	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BF101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4364-02DL	SB-01-2.5-3.0DL	Solid	Indeno(1,2,3-cd)pyrene	1,000.000	D	440	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Phenanthrene	4,800.000	D	480	970	ug/Kg
P4364-02DL	SB-01-2.5-3.0DL	Solid	Pyrene	4,900.000	D	470	970	ug/Kg
Total Svoc :				27,810.00				
Total Concentration:				27,810.00				
Client ID : SB-02-2.0-2.5DL								
P4364-05DL	SB-02-2.0-2.5DL	Solid	Benzo(a)anthracene	1,800.000	D	460	970	ug/Kg
P4364-05DL	SB-02-2.0-2.5DL	Solid	Benzo(a)pyrene	1,600.000	D	530	970	ug/Kg
P4364-05DL	SB-02-2.0-2.5DL	Solid	Benzo(b)fluoranthene	1,700.000	D	460	970	ug/Kg
P4364-05DL	SB-02-2.0-2.5DL	Solid	Benzo(g,h,i)perylene	860.000	JD	460	970	ug/Kg
P4364-05DL	SB-02-2.0-2.5DL	Solid	Benzo(k)fluoranthene	830.000	JD	470	970	ug/Kg
P4364-05DL	SB-02-2.0-2.5DL	Solid	Chrysene	1,600.000	D	450	970	ug/Kg
P4364-05DL	SB-02-2.0-2.5DL	Solid	Fluoranthene	2,900.000	D	460	970	ug/Kg
P4364-05DL	SB-02-2.0-2.5DL	Solid	Indeno(1,2,3-cd)pyrene	620.000	JD	440	970	ug/Kg
P4364-05DL	SB-02-2.0-2.5DL	Solid	Phenanthrene	2,300.000	D	480	970	ug/Kg
P4364-05DL	SB-02-2.0-2.5DL	Solid	Pyrene	2,600.000	D	470	970	ug/Kg
Total Svoc :				16,810.00				
Total Concentration:				16,810.00				
Client ID : SB-03-4.167-4.667								
P4364-09	SB-03-4.167-4.667	Solid	11H-Benzo[a]fluoren-11-one	*	78.100	J		
P4364-09	SB-03-4.167-4.667	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
P4364-09	SB-03-4.167-4.667	Solid	4,4-Bis(tetrahydrothiopyran)	*	160.000	J		
P4364-09	SB-03-4.167-4.667	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	82.800	J		
P4364-09	SB-03-4.167-4.667	Solid	7H-Benz[de]anthracen-7-one	*	160.000	J		
P4364-09	SB-03-4.167-4.667	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	290.000	J		
P4364-09	SB-03-4.167-4.667	Solid	Benzo[e]pyrene	*	300.000	J		
P4364-09	SB-03-4.167-4.667	Solid	Benzophenone	*	210.000	J		
P4364-09	SB-03-4.167-4.667	Solid	Butane, 2-methoxy-2-methyl-	*	3,000.000	J		
P4364-09	SB-03-4.167-4.667	Solid	Cyclopenta(def)phenanthrenone	*	98.500	J		
P4364-09	SB-03-4.167-4.667	Solid	Fluoranthene, 2-methyl-	*	130.000	J		
P4364-09	SB-03-4.167-4.667	Solid	n-Hexadecanoic acid	*	720.000	J		
P4364-09	SB-03-4.167-4.667	Solid	Phenanthrene, 2,5-dimethyl-	*	120.000	J		
P4364-09	SB-03-4.167-4.667	Solid	Pyrene, 1-methyl-	*	100.000	J		
P4364-09	SB-03-4.167-4.667	Solid	Pyrene, 4-methyl-	*	83.600	J		
P4364-09	SB-03-4.167-4.667	Solid	Tridecane	*	86.700	J		
P4364-09	SB-03-4.167-4.667	Solid	unknown12.469	*	110.000	J		
Total Tics :				5,899.70				
P4364-09	SB-03-4.167-4.667	Solid	Acenaphthylene	100.000	J	100	200	ug/Kg
P4364-09	SB-03-4.167-4.667	Solid	Anthracene	140.000	J	98.9	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4364-09	SB-03-4.167-4.667	Solid	Benzo(a)anthracene	680.000		94.6	200	ug/Kg
P4364-09	SB-03-4.167-4.667	Solid	Benzo(a)pyrene	590.000		110	200	ug/Kg
P4364-09	SB-03-4.167-4.667	Solid	Benzo(b)fluoranthene	780.000		95.1	200	ug/Kg
P4364-09	SB-03-4.167-4.667	Solid	Benzo(g,h,i)perylene	320.000		93.9	200	ug/Kg
P4364-09	SB-03-4.167-4.667	Solid	Benzo(k)fluoranthene	300.000		96.8	200	ug/Kg
P4364-09	SB-03-4.167-4.667	Solid	Chrysene	660.000		93.2	200	ug/Kg
P4364-09	SB-03-4.167-4.667	Solid	Fluoranthene	1,100.000		95.8	200	ug/Kg
P4364-09	SB-03-4.167-4.667	Solid	Indeno(1,2,3-cd)pyrene	260.000		91.5	200	ug/Kg
P4364-09	SB-03-4.167-4.667	Solid	Phenanthrene	530.000		98.5	200	ug/Kg
P4364-09	SB-03-4.167-4.667	Solid	Pyrene	910.000		97.3	200	ug/Kg

Total Svoc : 6,370.00

Total Concentration: 12,269.70

Client ID : SB-04-0.167-0.667

P4364-10	SB-04-0.167-0.667	Solid	Benzo[e]pyrene	*	580.000	J		
P4364-10	SB-04-0.167-0.667	Solid	Butane, 2-methoxy-2-methyl-	*	4,600.000	J		
P4364-10	SB-04-0.167-0.667	Solid	unknown13.680	*	1,700.000	J		

Total Tics : 6,880.00

P4364-10	SB-04-0.167-0.667	Solid	Benzo(a)anthracene		860.000	J	450	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Benzo(a)pyrene		1,100.000		520	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Benzo(b)fluoranthene		1,200.000		450	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Benzo(g,h,i)perylene		570.000	J	440	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Benzo(k)fluoranthene		670.000	J	460	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Bis(2-ethylhexyl)phthalate		2,700.000		500	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Chrysene		740.000	J	440	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Di-n-butylphthalate		2,400.000		470	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Fluoranthene		1,300.000		450	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Indeno(1,2,3-cd)pyrene		510.000	J	430	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Naphthalene		510.000	J	460	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Phenanthrene		590.000	J	470	940	ug/Kg
P4364-10	SB-04-0.167-0.667	Solid	Pyrene		990.000		460	940	ug/Kg

Total Svoc : 14,140.00

Total Concentration: 21,020.00

Client ID : SB-06-0.167-0.667

P4364-14	SB-06-0.167-0.667	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	880.000	J		
P4364-14	SB-06-0.167-0.667	Solid	11H-Benzo[a]fluoren-11-one	*	590.000	J		
P4364-14	SB-06-0.167-0.667	Solid	11H-Benzo[a]fluorene	*	770.000	J		
P4364-14	SB-06-0.167-0.667	Solid	4H-Cyclopenta[def]phenanthrene	*	1,000.000	J		
P4364-14	SB-06-0.167-0.667	Solid	7,12-Dihydrobenzo[k]fluoranthene	*	1,700.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Benzene, 1-methyl-3-(1-methylethyl)-	*	580.000	J		

Hit Summary Sheet SW-846

SDG No.: BF101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4364-14	SB-06-0.167-0.667	Solid	Benzene, 2-propenyl-	*	790.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Benzenemethanethiol, .alpha.-met	*	740.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	610.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Benzo[b]triphenylene	*	690.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Benzo[e]pyrene	*	2,100.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Butane, 2-methoxy-2-methyl-	*	3,400.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Dibenzo[def,mno]chrysene	*	1,200.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	1,400.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Fluoranthene, 2-methyl-	*	650.000	J		
P4364-14	SB-06-0.167-0.667	Solid	o-Cymene	*	680.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Perylene	*	7,600.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Phenanthrene, 2-methyl-	*	560.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Picene	*	640.000	J		
P4364-14	SB-06-0.167-0.667	Solid	Pyrene, 1-methyl-	*	550.000	J		
Total Tics :					27,130.00			
P4364-14	SB-06-0.167-0.667	Solid	Acenaphthene		1,700.000		480	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Acenaphthylene		510.000	J	510	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Anthracene		4,300.000		500	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Benzo(a)anthracene		14,500.000		480	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Benzo(a)pyrene		12,200.000		550	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Benzo(b)fluoranthene		14,600.000		480	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Benzo(g,h,i)perylene		5,500.000		470	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Benzo(k)fluoranthene		6,700.000		490	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Carbazole		1,800.000		470	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Chrysene		13,200.000		470	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Dibenzo(a,h)anthracene		1,500.000		480	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Dibenzofuran		940.000	J	500	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Fluoranthene		24,000.000	E	480	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Fluorene		1,400.000		500	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Indeno(1,2,3-cd)pyrene		5,000.000		460	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Phenanthrene		17,800.000	E	490	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Pyrene		17,800.000	E	490	ug/Kg
P4364-14	SB-06-0.167-0.667	Solid	Total PAH		140,710.000		7820	ug/Kg
Total Svoc :					284,160.00			
Total Concentration:					311,290.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF100124 SAS No.: BF100124 SDG No.: BF100124

Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D		RRF005 = BF139585.D		RRF010 = BF139586.D		
		RRF020 = BF139587.D		RRF040 = BF139588.D		RRF050 = BF139589.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.820	0.790	0.797	0.783	0.784	0.794	1.7
Pyridine		1.305	1.304	1.277	1.163	1.155	1.213	6.6
2-Fluorophenol		1.285	1.218	1.191	1.113	1.096	1.154	6.8
Benzaldehyde		1.008	1.014	0.926	0.787	0.727	0.822	19.7
Aniline		1.562	1.492	1.462	1.276	1.243	1.377	10.6
Phenol-d6		1.719	1.638	1.599	1.490	1.482	1.552	6.5
Phenol		1.798	1.748	1.691	1.602	1.548	1.632	7.3
bis(2-Chloroethyl)ether		1.356	1.331	1.264	1.258	1.236	1.329	9.4
2-Chlorophenol		1.326	1.337	1.289	1.191	1.180	1.236	6.4
1,2-Dichlorobenzene		1.469	1.429	1.393	1.278	1.256	1.320	8.3
1,3-Dichlorobenzene		1.527	1.477	1.450	1.346	1.330	1.391	6.8
1,4-Dichlorobenzene		1.592	1.510	1.451	1.348	1.341	1.409	8.0
Benzyl Alcohol		1.239	1.244	1.233	1.170	1.144	1.186	4.6
2-Methylphenol		1.105	1.073	1.068	1.010	0.992	1.032	4.8
2,2-oxybis(1-Chloropropane)		2.573	2.446	2.391	2.225	2.186	2.300	7.6
Acetophenone		0.530	0.505	0.494	0.451	0.447	0.475	7.4
3+4-Methylphenols		1.439	1.405	1.363	1.257	1.226	1.296	8.2
n-Nitroso-di-n-propylamine	1.024	1.073	1.066	1.030	0.959	0.932	0.998	5.8
Nitrobenzene-d5		0.420	0.411	0.406	0.382	0.382	0.395	4.4
Hexachloroethane		0.553	0.548	0.550	0.511	0.511	0.525	4.7
Nitrobenzene		0.427	0.424	0.421	0.397	0.391	0.409	3.6
Isophorone		0.766	0.728	0.713	0.675	0.662	0.702	5.2
2-Nitrophenol		0.174	0.172	0.181	0.178	0.175	0.176	2.0
2,4-Dimethylphenol		0.228	0.224	0.218	0.206	0.209	0.215	4.1
bis(2-Chloroethoxy)methane		0.459	0.438	0.433	0.403	0.401	0.419	5.9
2,4-Dichlorophenol		0.300	0.295	0.293	0.275	0.266	0.281	5.4
1,2,4-Trichlorobenzene		0.344	0.336	0.329	0.307	0.301	0.318	5.9
Benzoic acid		0.159	0.187	0.220	0.224	0.227	0.214	14.3
Naphthalene		1.144	1.090	1.074	0.982	0.962	1.023	7.8
4-Chloroaniline		0.382	0.367	0.361	0.340	0.330	0.346	7.2
Hexachlorobutadiene		0.223	0.216	0.216	0.197	0.198	0.205	6.1
Caprolactam		0.098	0.099	0.093	0.088	0.088	0.092	5.5
4-Chloro-3-methylphenol		0.345	0.335	0.331	0.303	0.300	0.318	5.9
2-Methylnaphthalene		0.764	0.718	0.694	0.639	0.620	0.666	9.1
Hexachlorocyclopentadiene		0.120	0.148	0.173	0.184	0.191	0.170	15.8
2,4,6-Trichlorophenol		0.395	0.383	0.391	0.366	0.362	0.374	4.3

All other compounds must meet a minimum RRF of 0.010.



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D		RRF005 = BF139585.D		RRF010 = BF139586.D		
		RRF020 = BF139587.D		RRF040 = BF139588.D		RRF050 = BF139589.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.547	1.443	1.373	1.228	1.203	1.303	11.8
2,4,5-Trichlorophenol		0.433	0.429	0.412	0.390	0.389	0.404	5.3
1,1-Biphenyl		1.680	1.619	1.556	1.416	1.400	1.488	8.7
2-Chloronaphthalene		1.225	1.193	1.156	1.074	1.067	1.115	6.8
2-Nitroaniline		0.401	0.400	0.409	0.394	0.397	0.400	1.4
Dimethylphthalate		1.471	1.387	1.342	1.249	1.249	1.309	7.2
Acenaphthylene		1.889	1.832	1.784	1.632	1.615	1.696	8.2
2,6-Dinitrotoluene		0.313	0.310	0.304	0.288	0.285	0.296	4.6
3-Nitroaniline		0.326	0.319	0.314	0.293	0.291	0.302	5.8
Acenaphthene		1.279	1.237	1.207	1.126	1.115	1.164	6.7
2,4-Dinitrophenol		0.122	0.136	0.164	0.164	0.176	0.159	13.5
4-Nitrophenol		0.230	0.233	0.237	0.228	0.231	0.230	2.7
Dibenzofuran		1.882	1.800	1.713	1.553	1.526	1.630	10.4
2,4-Dinitrotoluene		0.408	0.416	0.406	0.380	0.377	0.387	6.3
Diethylphthalate		1.530	1.451	1.397	1.289	1.290	1.352	8.2
4-Chlorophenyl-phenylether		0.750	0.728	0.689	0.607	0.604	0.650	11.1
Fluorene		1.524	1.436	1.358	1.222	1.212	1.298	11.0
4-Nitroaniline		0.340	0.326	0.323	0.298	0.298	0.309	6.8
4,6-Dinitro-2-methylphenol		0.095	0.105	0.114	0.120	0.116	0.113	8.7
n-Nitrosodiphenylamine		0.653	0.623	0.609	0.568	0.559	0.590	6.7
Azobenzene		1.509	1.451	1.415	1.313	1.296	1.360	7.2
2,4,6-Tribromophenol		0.212	0.208	0.200	0.187	0.182	0.193	7.1
4-Bromophenyl-phenylether		0.225	0.219	0.211	0.198	0.193	0.205	6.5
Hexachlorobenzene		0.251	0.238	0.233	0.220	0.215	0.228	6.1
Atrazine		0.189	0.185	0.164	0.132	0.121	0.158	19.4
Pentachlorophenol		0.127	0.132	0.139	0.140	0.135	0.135	3.9
Phenanthrene		1.071	1.024	0.976	0.904	0.883	0.943	8.9
Anthracene		1.078	0.987	0.978	0.896	0.875	0.933	9.1
Carbazole		1.013	0.968	0.946	0.867	0.852	0.896	9.2
Di-n-butylphthalate		1.194	1.155	1.143	1.069	1.042	1.090	7.1
Fluoranthene		1.217	1.139	1.111	0.993	0.958	1.031	12.3
Benzidine		0.478	0.458	0.335	0.346	0.240	0.353	26.4
Pyrene		1.799	1.737	1.801	1.817	1.746	1.789	2.6
Terphenyl-d14		1.296	1.236	1.228	1.209	1.176	1.219	4.0
Butylbenzylphthalate		0.624	0.609	0.645	0.649	0.646	0.640	3.1
3,3-Dichlorobenzidine		0.440	0.421	0.414	0.395	0.370	0.402	6.0

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.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D			RRF005 = BF139585.D		RRF010 = BF139586.D	
		RRF020 = BF139587.D			RRF040 = BF139588.D		RRF050 = BF139589.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.476	1.348	1.331	1.252	1.274	1.315	6.3
Chrysene		1.330	1.242	1.254	1.189	1.116	1.202	6.5
Bis(2-ethylhexyl)phthalate		0.748	0.746	0.796	0.816	0.813	0.799	4.8
Di-n-octyl phthalate		1.038	1.032	1.127	1.189	1.201	1.174	9.9
Benzo(b)fluoranthene		1.541	1.415	1.347	1.153	1.261	1.293	11.6
Benzo(k)fluoranthene		1.122	1.177	1.191	1.126	0.998	1.097	7.0
Benzo(a)pyrene		1.076	1.060	1.042	0.992	0.996	1.020	3.8
Indeno(1,2,3-cd)pyrene		1.021	1.065	1.202	1.210	1.220	1.177	8.1
Dibenzo(a,h)anthracene		0.850	0.898	0.988	1.008	1.014	0.976	7.6
Benzo(g,h,i)perylene		0.833	0.865	0.993	1.020	1.015	0.979	9.5
1,2,4,5-Tetrachlorobenzene		0.601	0.594	0.586	0.536	0.528	0.555	6.7
1,4-Dioxane		0.523	0.523	0.509	0.485	0.488	0.499	3.9
2,3,4,6-Tetrachlorophenol		0.358	0.338	0.339	0.315	0.314	0.326	6.1
1-Methylnaphthalene		0.739	0.708	0.677	0.624	0.610	0.651	8.9

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.: BF101424 SAS No.: BF101424 SDG NO.: BF101424

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 14:58

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	114444	6.869	436939	8.15	248727	9.91
	UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
	LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
	EPA SAMPLE NO.						
01	PB164005BL	109810	6.86	430655	8.15	250031	9.90
02	PB164005BS	111722	6.86	446110	8.15	253965	9.90
03	FENCE-POST-2	103456	6.86	406541	8.15	229363	9.90
04	FENCE-POST-3	101274	6.86	400172	8.14	231581	9.90
05	CONCRETE-PADS-11	85252	6.86	333479	8.14	188237	9.90
06	CONCRETE-PADS-1	91466	6.86	354073	8.14	204434	9.90
07	Chamberlain Ave	105117	6.86	416218	8.14	238846	9.90
08	CONCRETE-PADS-5	77702	6.86	294687	8.14	166293	9.90
09	CONCRETE-PADS-6	85358	6.86	318524	8.15	181505	9.90
10	EXCAVATION-SOILRE	86179	6.86	325567	8.15	182463	9.90
11	SB-01-2.5-3.0DL	84201	6.86	324056	8.15	175823	9.90
12	SB-01-1.0-1.5DL	90077	6.86	333860	8.15	173595	9.90
13	SB-02-2.0-2.5DL	74317	6.86	253650	8.15	118262 *	9.90
14	SB-06-0.167-0.667	85492	6.86	313236	8.15	148707	9.90
15	SB-04-0.167-0.667	92902	6.86	333414	8.15	154068	9.90
16	SB-03-4.167-4.667	94240	6.86	342476	8.15	161605	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101424 SAS No.: BF101424 SDG NO.: BF101424

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 22:17

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	114444	6.869	436939	8.15	248727	9.91
UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
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.: BF101424 SAS No.: BF101424 SDG NO.: BF101424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BF139787.D Time Analyzed: 14:58

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	106437	6.863	392664	8.15	208571	9.90
	UPPER LIMIT	212874	7.363	785328	8.645	417142	10.404
	LOWER LIMIT	53218.5	6.363	196332	7.645	104285.5	9.404
	EPA SAMPLE NO.						
01	PB164005BL	109810	6.86	430655	8.15	250031	9.90
02	PB164005BS	111722	6.86	446110	8.15	253965	9.90
03	FENCE-POST-2	103456	6.86	406541	8.15	229363	9.90
04	FENCE-POST-3	101274	6.86	400172	8.14	231581	9.90
05	CONCRETE-PADS-11	85252	6.86	333479	8.14	188237	9.90
06	CONCRETE-PADS-1	91466	6.86	354073	8.14	204434	9.90
07	Chamberlain Ave	105117	6.86	416218	8.14	238846	9.90
08	CONCRETE-PADS-5	77702	6.86	294687	8.14	166293	9.90
09	CONCRETE-PADS-6	85358	6.86	318524	8.15	181505	9.90
10	EXCAVATION-SOILRE	86179	6.86	325567	8.15	182463	9.90
11	SB-01-2.5-3.0DL	84201	6.86	324056	8.15	175823	9.90
12	SB-01-1.0-1.5DL	90077	6.86	333860	8.15	173595	9.90
13	SB-02-2.0-2.5DL	74317	6.86	253650	8.15	118262	9.90
14	SB-06-0.167-0.667	85492	6.86	313236	8.15	148707	9.90
15	SB-04-0.167-0.667	92902	6.86	333414	8.15	154068	9.90
16	SB-03-4.167-4.667	94240	6.86	342476	8.15	161605	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101424 SAS No.: BF101424 SDG NO.: BF101424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BF139787.D Time Analyzed: 22:17

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	106437	6.863	392664	8.15	208571	9.90
UPPER LIMIT	212874	7.363	785328	8.645	417142	10.404
LOWER LIMIT	53218.5	6.363	196332	7.645	104285.5	9.404
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.: BF101424 SAS No.: BF101424 SDG NO.: BF101424

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 14:58

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	459579	11.392	251487	14.033	218952	15.504
	UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
	LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
	EPA SAMPLE NO.						
01	PB164005BL	474406	11.39	266535	14.03	162874	15.50
02	PB164005BS	467000	11.39	231133	14.03	184553	15.50
03	FENCE-POST-2	439154	11.39	252187	14.03	173358	15.50
04	FENCE-POST-3	446363	11.39	242685	14.03	164587	15.50
05	CONCRETE-PADS-11	360517	11.39	216064	14.03	150218	15.50
06	CONCRETE-PADS-1	401940	11.39	221939	14.03	157006	15.50
07	Chamberlain Ave	453325	11.39	213480	14.02	177491	15.50
08	CONCRETE-PADS-5	307161	11.39	144397	14.02	125766	15.50
09	CONCRETE-PADS-6	343378	11.39	173919	14.02	135386	15.50
10	EXCAVATION-SOILRE	325278	11.39	175738	14.02	145707	15.50
11	SB-01-2.5-3.0DL	290604	11.39	148177	14.02	165318	15.50
12	SB-01-1.0-1.5DL	270748	11.39	145107	14.03	163152	15.50
13	SB-02-2.0-2.5DL	192952 *	11.38	155448	14.02	132295	15.50
14	SB-06-0.167-0.667	225636 *	11.39	160985	14.03	140827	15.50
15	SB-04-0.167-0.667	234425	11.38	182927	14.03	136364	15.50
16	SB-03-4.167-4.667	245555	11.39	177763	14.03	135400	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101424 SAS No.: BF101424 SDG NO.: BF101424

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 22:17

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	459579	11.392	251487	14.033	218952	15.504
UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101424 SAS No.: BF101424 SDG NO.: BF101424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BF139787.D Time Analyzed: 14:58

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	338151	11.386	160091	14.027	184260	15.504
	UPPER LIMIT	676302	11.886	320182	14.527	368520	16.004
	LOWER LIMIT	169075.5	10.886	80045.5	13.527	92130	15.004
	EPA SAMPLE NO.						
01	PB164005BL	474406	11.39	266535	14.03	162874	15.50
02	PB164005BS	467000	11.39	231133	14.03	184553	15.50
03	FENCE-POST-2	439154	11.39	252187	14.03	173358	15.50
04	FENCE-POST-3	446363	11.39	242685	14.03	164587	15.50
05	CONCRETE-PADS-11	360517	11.39	216064	14.03	150218	15.50
06	CONCRETE-PADS-1	401940	11.39	221939	14.03	157006	15.50
07	Chamberlain Ave	453325	11.39	213480	14.02	177491	15.50
08	CONCRETE-PADS-5	307161	11.39	144397	14.02	125766	15.50
09	CONCRETE-PADS-6	343378	11.39	173919	14.02	135386	15.50
10	EXCAVATION-SOILRE	325278	11.39	175738	14.02	145707	15.50
11	SB-01-2.5-3.0DL	290604	11.39	148177	14.02	165318	15.50
12	SB-01-1.0-1.5DL	270748	11.39	145107	14.03	163152	15.50
13	SB-02-2.0-2.5DL	192952	11.38	155448	14.02	132295	15.50
14	SB-06-0.167-0.667	225636	11.39	160985	14.03	140827	15.50
15	SB-04-0.167-0.667	234425	11.38	182927	14.03	136364	15.50
16	SB-03-4.167-4.667	245555	11.39	177763	14.03	135400	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101424 SAS No.: BF101424 SDG NO.: BF101424

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BF139787.D Time Analyzed: 22:17

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	338151	11.386	160091	14.027	184260	15.504
UPPER LIMIT	676302	11.886	320182	14.527	368520	16.004
LOWER LIMIT	169075.5	10.886	80045.5	13.527	92130	15.004
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF101424**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164005BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	650	ug/Kg	38				10	133	
	Aniline	1700	1500	ug/Kg	88				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	720	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	4800	ug/Kg	145				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	23400	ug/Kg	86				57	104	
	2,4-Dinitrophenol	3300	2700	ug/Kg	82				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF101424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164005BS	4-Nitrophenol	3300	2600	ug/Kg	79				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	2900	ug/Kg	85				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1500	ug/Kg	88				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1800	ug/Kg	106				47	152	
	Pentachlorophenol	3300	2500	ug/Kg	76				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	2200	ug/Kg	67				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				52	137	
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1400	ug/Kg	82				63	101	
	Dibenz(a,h)anthracene	1700	1300	ug/Kg	76				61	112	
	Benzo(g,h,i)perylene	1700	1300	ug/Kg	76				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164005BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101424

SAS No.: BF101424 SDG NO.: BF101424

Lab File ID: BF139788.D

Lab Sample ID: PB164005BL

Instrument ID: BNA_F

Date Extracted: 10/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/14/2024

Level: (low/med) LOW

Time Analyzed: 14:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164005BS	PB164005BS	BF139789.D	10/14/2024
SB-06-0.167-0.667	P4364-14	BF139801.D	10/14/2024
SB-04-0.167-0.667	P4364-10	BF139802.D	10/14/2024
SB-03-4.167-4.667	P4364-09	BF139803.D	10/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

CONCRETE-PADS-5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101424

SAS No.: BF101424 SDG NO.: BF101424

Lab File ID: BF139795.D

Lab Sample ID: P4375-09

Instrument ID: BNA_F

Date Extracted: 10/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/14/2024

Level: (low/med) LOW

Time Analyzed: 18:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CONCRETE-PADS-5	P4375-09	BF139795.D	10/14/2024
CONCRETE-PADS-6	P4375-11	BF139796.D	10/14/2024
FENCE-POST-2	P4375-25	BF139790.D	10/14/2024
FENCE-POST-3	P4375-27	BF139791.D	10/14/2024
CONCRETE-PADS-11	P4375-21	BF139792.D	10/14/2024
CONCRETE-PADS-1	P4375-01	BF139793.D	10/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

Chamberlain Ave

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101424

SAS No.: BF101424 SDG NO.: BF101424

Lab File ID: BF139794.D

Lab Sample ID: P4258-03

Instrument ID: BNA_F

Date Extracted: 10/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/14/2024

Level: (low/med) LOW

Time Analyzed: 17:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
Chamberlain Ave	P4258-03	BF139794.D	10/14/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BF101424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4364-01DL	SB-01-1.0-1.5DL	BF139799.D	2-Fluorophenol	150	105.77	71		18	112
			Phenol-d6	150	105.96	71		15	107
			Nitrobenzene-d5	100	69.01	69		18	107
			2-Fluorobiphenyl	100	78.38	78		20	109
			2,4,6-Tribromophenol	150	83.15	55		10	116
			Terphenyl-d14	100	66.91	67		10	105
P4364-02DL	SB-01-2.5-3.0DL	BF139798.D	2-Fluorophenol	150	115.32	77		18	112
			Phenol-d6	150	112.38	75		15	107
			Nitrobenzene-d5	100	70.61	71		18	107
			2-Fluorobiphenyl	100	78.00	78		20	109
			2,4,6-Tribromophenol	150	89.40	60		10	116
			Terphenyl-d14	100	71.85	72		10	105
P4364-05DL	SB-02-2.0-2.5DL	BF139800.D	2-Fluorophenol	150	101.38	68		18	112
			Phenol-d6	150	95.94	64		15	107
			Nitrobenzene-d5	100	66.90	67		18	107
			2-Fluorobiphenyl	100	76.40	76		20	109
			2,4,6-Tribromophenol	150	78.93	53		10	116
			Terphenyl-d14	100	54.10	54		10	105
P4364-09	SB-03-4.167-4.667	BF139803.D	2-Fluorophenol	150	81.78	55		18	112
			Phenol-d6	150	78.18	52		15	107
			Nitrobenzene-d5	100	52.70	53		18	107
			2-Fluorobiphenyl	100	53.65	54		20	109
			2,4,6-Tribromophenol	150	62.60	42		10	116
			Terphenyl-d14	100	41.24	41		10	105
P4364-10	SB-04-0.167-0.667	BF139802.D	2-Fluorophenol	150	104.54	70		18	112
			Phenol-d6	150	101.59	68		15	107
			Nitrobenzene-d5	100	66.66	67		18	107
			2-Fluorobiphenyl	100	79.23	79		20	109
			2,4,6-Tribromophenol	150	78.74	52		10	116
			Terphenyl-d14	100	57.15	57		10	105
P4364-14	SB-06-0.167-0.667	BF139801.D	2-Fluorophenol	150	93.92	63		18	112
			Phenol-d6	150	97.05	65		15	107
			Nitrobenzene-d5	100	65.99	66		18	107
			2-Fluorobiphenyl	100	68.76	69		20	109
			2,4,6-Tribromophenol	150	69.72	46		10	116
			Terphenyl-d14	100	48.85	49		10	105
PB164005BL	PB164005BL	BF139788.D	2-Fluorophenol	150	136.48	91		18	112
			Phenol-d6	150	132.44	88		15	107
			Nitrobenzene-d5	100	88.18	88		18	107
			2-Fluorobiphenyl	100	84.43	84		20	109
			2,4,6-Tribromophenol	150	127.44	85		10	116
			Terphenyl-d14	100	96.01	96		10	105
PB164005BS	PB164005BS	BF139789.D	2-Fluorophenol	150	131.76	88		18	112
			Phenol-d6	150	129.31	86		15	107
			Nitrobenzene-d5	100	83.78	84		18	107
			2-Fluorobiphenyl	100	83.24	83		20	109
			2,4,6-Tribromophenol	150	123.33	82		10	116
			Terphenyl-d14	100	102.14	102		10	105

Surrogate Summary

SW-846

SDG No.: BF101424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4359-02RE	EXCAVATION-SOIBF139797.D		2-Fluorophenol	150	144.62	96		10	139
			Phenol-d6	150	130.82	87		10	134
			Nitrobenzene-d5	100	102.18	102		49	133
			2-Fluorobiphenyl	100	100.34	100		52	132
			2,4,6-Tribromophenol	150	146.96	98		44	137
			Terphenyl-d14	100	112.32	112		48	125

Surrogate Summary

SW-846

SDG No.: **BF101424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4375-01	CONCRETE-PADSBF139793.D		2-Fluorophenol	150	66.50	44		18	112
			Phenol-d6	150	72.55	48		15	107
			Nitrobenzene-d5	100	52.55	53		18	107
			2-Fluorobiphenyl	100	54.23	54		20	109
			2,4,6-Tribromophenol	150	55.19	37		10	116
			Terphenyl-d14	100	62.75	63		10	105
P4375-09	CONCRETE-PADSBF139795.D		2-Fluorophenol	150	44.68	30		18	112
			Phenol-d6	150	53.76	36		15	107
			Nitrobenzene-d5	100	40.45	40		18	107
			2-Fluorobiphenyl	100	42.99	43		20	109
			2,4,6-Tribromophenol	150	32.94	22		10	116
			Terphenyl-d14	100	51.82	52		10	105
P4375-11	CONCRETE-PADSBF139796.D		2-Fluorophenol	150	90.41	60		18	112
			Phenol-d6	150	93.02	62		15	107
			Nitrobenzene-d5	100	65.94	66		18	107
			2-Fluorobiphenyl	100	66.83	67		20	109
			2,4,6-Tribromophenol	150	85.89	57		10	116
			Terphenyl-d14	100	80.86	81		10	105
P4375-21	CONCRETE-PADSBF139792.D		2-Fluorophenol	150	79.68	53		18	112
			Phenol-d6	150	90.12	60		15	107
			Nitrobenzene-d5	100	63.55	64		18	107
			2-Fluorobiphenyl	100	65.19	65		20	109
			2,4,6-Tribromophenol	150	67.15	45		10	116
			Terphenyl-d14	100	70.33	70		10	105
P4375-25	FENCE-POST-2	BF139790.D	2-Fluorophenol	150	65.16	43		18	112
			Phenol-d6	150	77.13	51		15	107
			Nitrobenzene-d5	100	55.30	55		18	107
			2-Fluorobiphenyl	100	56.35	56		20	109
			2,4,6-Tribromophenol	150	55.14	37		10	116
			Terphenyl-d14	100	61.49	61		10	105
P4375-27	FENCE-POST-3	BF139791.D	2-Fluorophenol	150	81.02	54		18	112
			Phenol-d6	150	84.80	57		15	107
			Nitrobenzene-d5	100	56.43	56		18	107
			2-Fluorobiphenyl	100	57.11	57		20	109
			2,4,6-Tribromophenol	150	68.51	46		10	116
			Terphenyl-d14	100	64.67	65		10	105

Surrogate Summary

SW-846

SDG No.: **BF101424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4258-03	Chamberlain Ave	BF139794.D	2-Fluorophenol	150	84.33	56		18	112
			Phenol-d6	150	82.77	55		15	107
			Nitrobenzene-d5	100	53.51	54		18	107
			2-Fluorobiphenyl	100	52.95	53		20	109
			2,4,6-Tribromophenol	150	78.25	52		10	116
			Terphenyl-d14	100	63.63	64		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF101424

Lab Code: CHEM

SAS No.: BF101424 SDG NO.: BF101424

Lab File ID: BF139786.D

DFTPP Injection Date: 10/14/2024

Instrument ID: BNA_F

DFTPP Injection Time: 12:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	38.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.4
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	94.4
443	15.0 - 24.0% of mass 442	17.8 (18.8) 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	BF139787.D	10/14/2024	14:30
PB164005BL	PB164005BL	BF139788.D	10/14/2024	14:58
PB164005BS	PB164005BS	BF139789.D	10/14/2024	15:27
FENCE-POST-2	P4375-25	BF139790.D	10/14/2024	16:00
FENCE-POST-3	P4375-27	BF139791.D	10/14/2024	16:29
CONCRETE-PADS-11	P4375-21	BF139792.D	10/14/2024	16:58
CONCRETE-PADS-1	P4375-01	BF139793.D	10/14/2024	17:27
Chamberlain Ave	P4258-03	BF139794.D	10/14/2024	17:56
CONCRETE-PADS-5	P4375-09	BF139795.D	10/14/2024	18:25
CONCRETE-PADS-6	P4375-11	BF139796.D	10/14/2024	18:54
EXCAVATION-SOILRE	P4359-02RE	BF139797.D	10/14/2024	19:23
SB-01-2.5-3.0DL	P4364-02DL	BF139798.D	10/14/2024	19:52
SB-01-1.0-1.5DL	P4364-01DL	BF139799.D	10/14/2024	20:21
SB-02-2.0-2.5DL	P4364-05DL	BF139800.D	10/14/2024	20:50
SB-06-0.167-0.667	P4364-14	BF139801.D	10/14/2024	21:19
SB-04-0.167-0.667	P4364-10	BF139802.D	10/14/2024	21:48
SB-03-4.167-4.667	P4364-09	BF139803.D	10/14/2024	22:17