

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF101124 SAS No.: BF101124 SDG No.: BF101124

Instrument ID: BNA_F Calibration Date/Time: 10/11/2024 : 09:29

Lab File ID: BF139763.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	0.749		-5.668	
Pyridine	1.213	1.262		4.04	
2-Fluorophenol	1.154	1.165		0.953	
Benzaldehyde	0.822	0.795		-3.285	
Aniline	1.377	1.285		-6.681	
Phenol-d6	1.552	1.528		-1.546	
Phenol	1.632	1.621		-0.674	20.0
bis(2-Chloroethyl) ether	1.329	1.217		-8.427	
2-Chlorophenol	1.236	1.223		-1.052	
1,2-Dichlorobenzene	1.320	1.275		-3.409	
1,3-Dichlorobenzene	1.391	1.373		-1.294	
1,4-Dichlorobenzene	1.409	1.387		-1.561	20.0
Benzyl Alcohol	1.186	1.116		-5.902	
2-Methylphenol	1.032	1.003		-2.81	
2,2-oxybis(1-Chloropropane)	2.300	2.108		-8.348	
Acetophenone	0.475	0.452		-4.842	
3+4-Methylphenols	1.296	1.233		-4.861	
n-Nitroso-di-n-propylamine	0.998	0.895	0.050	-10.321	
Nitrobenzene-d5	0.395	0.380		-3.797	
Hexachloroethane	0.525	0.505		-3.81	
Nitrobenzene	0.409	0.396		-3.178	
Isophorone	0.702	0.663		-5.556	
2-Nitrophenol	0.176	0.178		1.136	20.0
2,4-Dimethylphenol	0.215	0.210		-2.326	
bis(2-Chloroethoxy) methane	0.419	0.400		-4.535	
2,4-Dichlorophenol	0.281	0.277		-1.423	20.0
1,2,4-Trichlorobenzene	0.318	0.315		-0.943	
Benzoic acid	0.214	0.214		0.0	
Naphthalene	1.023	0.998		-2.444	
4-Chloroaniline	0.346	0.318		-8.092	
Hexachlorobutadiene	0.205	0.197		-3.902	20.0
Caprolactam	0.092	0.088		-4.348	
4-Chloro-3-methylphenol	0.318	0.297		-6.604	20.0
2-Methylnaphthalene	0.666	0.625		-6.156	
Hexachlorocyclopentadiene	0.170	0.214	0.050	25.882	
2,4,6-Trichlorophenol	0.374	0.350		-6.417	20.0
2-Fluorobiphenyl	1.303	1.213		-6.907	
2,4,5-Trichlorophenol	0.404	0.382		-5.446	
1,1-Biphenyl	1.488	1.401		-5.847	

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Lab File ID: BF139763.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	1.088		-2.422	
2-Nitroaniline	0.400	0.372		-7.0	
Dimethylphthalate	1.309	1.220		-6.799	
Acenaphthylene	1.696	1.602		-5.542	
2,6-Dinitrotoluene	0.296	0.278		-6.081	
3-Nitroaniline	0.302	0.274		-9.272	
Acenaphthene	1.164	1.090		-6.357	20.0
2,4-Dinitrophenol	0.159	0.129	0.050	-18.868	
4-Nitrophenol	0.230	0.192	0.050	-16.522	
Dibenzofuran	1.630	1.511		-7.301	
2,4-Dinitrotoluene	0.387	0.357		-7.752	
Diethylphthalate	1.352	1.213		-10.281	
4-Chlorophenyl-phenylether	0.650	0.597		-8.154	
Fluorene	1.298	1.202		-7.396	
4-Nitroaniline	0.309	0.276		-10.68	
4,6-Dinitro-2-methylphenol	0.113	0.109		-3.54	
n-Nitrosodiphenylamine	0.590	0.584		-1.017	20.0
Azobenzene	1.360	1.230		-9.559	
2,4,6-Tribromophenol	0.193	0.171		-11.399	
4-Bromophenyl-phenylether	0.205	0.199		-2.927	
Hexachlorobenzene	0.228	0.223		-2.193	
Atrazine	0.158	0.140		-11.392	
Pentachlorophenol	0.135	0.115		-14.815	20.0
Phenanthrene	0.943	0.899		-4.666	
Anthracene	0.933	0.898		-3.751	
Carbazole	0.896	0.844		-5.804	
Di-n-butylphthalate	1.090	0.987		-9.45	
Fluoranthene	1.031	0.928		-9.99	20.0
Benzidine	0.353	0.334		-5.382	
Pyrene	1.789	1.838		2.739	
Terphenyl-d14	1.219	1.211		-0.656	
Butylbenzylphthalate	0.640	0.620		-3.125	
3,3-Dichlorobenzidine	0.402	0.398		-0.995	
Benzo(a)anthracene	1.315	1.268		-3.574	
Chrysene	1.202	1.174		-2.329	
Bis(2-ethylhexyl)phthalate	0.799	0.810		1.377	
Di-n-octyl phthalate	1.174	1.213		3.322	20.0
Benzo(b)fluoranthene	1.293	1.132		-12.452	
Benzo(k)fluoranthene	1.097	1.082		-1.367	

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Instrument ID: BNA_F Calibration Date/Time: 10/11/2024 : 09:29

Lab File ID: BF139763.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	1.002		-1.765	20.0
Indeno(1,2,3-cd)pyrene	1.177	1.332		13.169	
Dibenzo(a,h)anthracene	0.976	1.107		13.422	
Benzo(g,h,i)perylene	0.979	1.140		16.445	
1,2,4,5-Tetrachlorobenzene	0.555	0.539		-2.883	
1,4-Dioxane	0.499	0.504		1.002	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.298		-8.589	
1-Methylnaphthalene	0.651	0.616		-5.376	

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:	PB163997BL	SDG No.:	BF101124
Lab Sample ID:	PB163997BL	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
BF139764.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163997

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

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB163997BL	SDG No.:	BF101124
Lab Sample ID:	PB163997BL	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
BF139764.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163997

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

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB163997BL	SDG No.:	BF101124
Lab Sample ID:	PB163997BL	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
BF139764.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.98		18-112		91	SPK: -150
13127-88-3	Phenol-d6	132.851		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	89.531		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	89.128		20-109		89	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:	PB163997BL	SDG No.:	BF101124
Lab Sample ID:	PB163997BL	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
BF139764.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.074		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	87.015		10-105		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98484	6.863				
1146-65-2	Naphthalene-d8	375286	8.145				
15067-26-2	Acenaphthene-d10	212276	9.898				
1517-22-2	Phenanthrene-d10	410607	11.386				
1719-03-5	Chrysene-d12	257809	14.027				
1520-96-3	Perylene-d12	202962	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			2.21	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	A			5.104	
	unknown17.068	73.3	J			17.068	

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.:	BF101124
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
BF139765.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1300		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	630		180	270	330	ug/Kg
62-53-3	Aniline	1500		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1400		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1300		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1300		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	660		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.:	BF101124
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
BF139765.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4600	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		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	1300		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	890		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	23700		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2600		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2500		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)	2600		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1300		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.5	130	170	ug/Kg
86-73-7	Fluorene	1300		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1300		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1300		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	PB164005BS	SDG No.:	BF101124
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
BF139765.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		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	1400		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1300		81.6	130	170	ug/Kg
92-87-5	Benzidine	2400		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		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	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.244		18-112		82	SPK: -150
13127-88-3	Phenol-d6	119.973		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	80.924		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	79.332		20-109		79	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.:	BF101124
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
BF139765.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	114.78		10-116		77	SPK: -150
1718-51-0	Terphenyl-d14	92.839		10-105		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108333	6.869				
1146-65-2	Naphthalene-d8	413150	8.151				
15067-26-2	Acenaphthene-d10	230678	9.904				
1517-22-2	Phenanthrene-d10	409405	11.392				
1719-03-5	Chrysene-d12	207555	14.033				
1520-96-3	Perylene-d12	195633	15.504				

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-04-4.5-5.0	SDG No.:	BF101124
Lab Sample ID:	P4364-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.1
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
BF139766.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	360	430	ug/Kg
110-86-1	Pyridine	110	U	110	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.1	U	53.1	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	99.4	U	99.4	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	430	ug/Kg
91-20-3	Naphthalene	270		110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-04-4.5-5.0	SDG No.:	BF101124
Lab Sample ID:	P4364-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.1
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
BF139766.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	360	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94	U	94	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.5	U	97.5	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1750	U	1750	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	360	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-04-4.5-5.0	SDG No.:	BF101124
Lab Sample ID:	P4364-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.1
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
BF139766.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	430	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	300		110	170	220	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	360	430	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	220	ug/Kg
218-01-9	Chrysene	100	J	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	360	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	98.4	U	98.4	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.497		18-112		55	SPK: -150
13127-88-3	Phenol-d6	80.116		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	53.367		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	50.545		20-109		51	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-04-4.5-5.0	SDG No.:	BF101124
Lab Sample ID:	P4364-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.1
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
BF139766.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.741		10-116		44	SPK: -150
1718-51-0	Terphenyl-d14	41.689		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86523	6.863				
1146-65-2	Naphthalene-d8	331745	8.145				
15067-26-2	Acenaphthene-d10	177862	9.898				
1517-22-2	Phenanthrene-d10	281292	11.386				
1719-03-5	Chrysene-d12	140104	14.027				
1520-96-3	Perylene-d12	179767	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3400	J			2.158	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.081	
000254-27-3	4H-1,3-Benzodioxin	120	J			7.892	
	unknown9.610	99.2	J			9.61	
000119-61-9	Benzophenone	390	J			10.61	
006418-41-3	Tridecane, 3-methyl-	170	J			10.81	
000832-69-9	Phenanthrene, 1-methyl-	160	J			11.998	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			12.439	
000593-49-7	Heptacosane	110	J			12.469	
000057-11-4	Octadecanoic acid	180	J			12.692	
035599-77-0	Tridecane, 1-iodo-	150	J			12.839	
000112-40-3	Dodecane	110	J			13.198	
000544-76-3	Hexadecane	200	J			13.539	
000630-01-3	Hexacosane	240	J			13.868	
000629-94-7	Heneicosane	330	J			14.18	
000593-45-3	Octadecane	250	J			14.486	
000629-78-7	Heptadecane	180	J			14.798	
000629-92-5	Nonadecane	270	J			15.133	
000630-04-6	Hentriacontane	100	J			15.951	

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-04-4.5-5.0	SDG No.:	BF101124
Lab Sample ID:	P4364-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.1
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139766.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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-01-4.25-4.83	SDG No.:	BF101124
Lab Sample ID:	P4364-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BF139767.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	92.5	U	92.5	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	95.9	U	95.9	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96.9	U	96.9	150	200	ug/Kg
95-57-8	2-Chlorophenol	96.6	U	96.6	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.9	U	97.9	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.5	U	99.5	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.1	U	96.1	310	380	ug/Kg
95-48-7	2-Methylphenol	93.3	U	93.3	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	92.4	U	92.4	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.6	U	46.6	92.6	92.6	ug/Kg
67-72-1	Hexachloroethane	96.1	U	96.1	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	97.9	U	97.9	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	99.3	U	99.3	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.4	U	87.4	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	98.8	U	98.8	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	250		95.6	150	200	ug/Kg
106-47-8	4-Chloroaniline	95.6	U	95.6	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.4	U	96.4	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-01-4.25-4.83	SDG No.:	BF101124
Lab Sample ID:	P4364-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BF139767.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

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	89.7	U	89.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	250		95.5	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.6	U	82.6	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85.6	U	85.6	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.4	U	96.4	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	94.6	U	94.6	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.3	U	96.3	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	120	J	93.9	150	200	ug/Kg
Total PAH	Total PAH	9330		1536.1	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	170	J	97.7	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.1	U	196.1	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	150	200	ug/Kg
84-66-2	Diethylphthalate	92.7	U	92.7	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.1	U	99.1	150	200	ug/Kg
86-73-7	Fluorene	150	J	99	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	94.4	U	94.4	150	200	ug/Kg
103-33-3	Azobenzene	92.1	U	92.1	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.3	U	91.3	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.4	U	98.4	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-01-4.25-4.83	SDG No.:	BF101124
Lab Sample ID:	P4364-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BF139767.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.5	U	89.5	310	380	ug/Kg
85-01-8	Phenanthrene	1400		97.2	150	200	ug/Kg
120-12-7	Anthracene	340		97.7	150	200	ug/Kg
86-74-8	Carbazole	150	J	92.9	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	97.6	U	97.6	150	200	ug/Kg
206-44-0	Fluoranthene	1300		94.6	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	980		96.1	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	870		93.4	150	200	ug/Kg
218-01-9	Chrysene	840		92	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	960		93.9	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		95.6	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	820		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370		90.4	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	94	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410		92.7	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	86.5	U	86.5	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	230		96.3	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.053		18-112		81	SPK: -150
13127-88-3	Phenol-d6	116.287		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	80.919		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	81.312		20-109		81	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-01-4.25-4.83	SDG No.:	BF101124
Lab Sample ID:	P4364-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BF139767.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.809		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	57.361		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86873	6.863				
1146-65-2	Naphthalene-d8	320379	8.145				
15067-26-2	Acenaphthene-d10	162543	9.898				
1517-22-2	Phenanthrene-d10	228003	11.386				
1719-03-5	Chrysene-d12	154064	14.033				
1520-96-3	Perylene-d12	184386	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3900	J			2.163	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	280	A			5.087	
000629-59-4	Tetradecane	190	J			9.298	
000581-40-8	Naphthalene, 2,3-dimethyl-	290	J			9.557	
000629-92-5	Nonadecane	180	J			9.616	
000544-76-3	Hexadecane	150	J			9.828	
017312-60-6	Undecane, 6-ethyl-	350	J			10.322	
001560-96-9	Tridecane, 2-methyl-	700	J			10.81	
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	280	J			11.128	
000486-25-9	9H-Fluoren-9-one	160	J			11.192	
000593-49-7	Heptacosane	410	J			11.245	
000132-65-0	Dibenzothiophene	220	J			11.281	
002050-77-3	Decane, 1-iodo-	260	J			11.675	
000057-10-3	n-Hexadecanoic acid	830	J			11.916	
000832-64-4	Phenanthrene, 4-methyl-	540	J			11.998	
000112-95-8	Eicosane	280	J			12.08	
003674-66-6	Phenanthrene, 2,5-dimethyl-	260	J			12.439	
054833-23-7	Eicosane, 10-methyl-	200	J			12.469	
000479-79-8	11H-Benzo[a]fluoren-11-one	210	J			13.874	

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-01-4.25-4.83	SDG No.:	BF101124
Lab Sample ID:	P4364-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.8
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
BF139767.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	430	J			15.38	

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:	OR-02-100924	SDG No.:	BF101124
Lab Sample ID:	P4376-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.2
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
BF139768.D	1	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.9	U	54.9	170	210	ug/Kg
110-86-1	Pyridine	50.5	U	50.5	82.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.3	U	61.3	82.2	110	ug/Kg
108-95-2	Phenol	52.4	U	52.4	82.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.9	U	52.9	82.2	110	ug/Kg
95-57-8	2-Chlorophenol	52.8	U	52.8	82.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.5	U	53.5	82.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.4	U	54.4	82.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.7	U	54.7	82.2	110	ug/Kg
100-51-6	Benzyl Alcohol	52.5	U	52.5	170	210	ug/Kg
95-48-7	2-Methylphenol	51	U	51	82.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.5	U	57.5	82.2	110	ug/Kg
98-86-2	Acetophenone	54.9	U	54.9	82.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.5	U	50.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.5	U	25.5	50.6	50.6	ug/Kg
67-72-1	Hexachloroethane	52.5	U	52.5	82.2	110	ug/Kg
98-95-3	Nitrobenzene	57.4	U	57.4	82.2	110	ug/Kg
78-59-1	Isophorone	53.5	U	53.5	82.2	110	ug/Kg
88-75-5	2-Nitrophenol	59.8	U	59.8	82.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.9	U	58.9	82.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.2	U	54.2	82.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.7	U	47.7	82.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54	U	54	82.2	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.2	U	52.2	82.2	110	ug/Kg
106-47-8	4-Chloroaniline	52.2	U	52.2	82.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.7	U	52.7	82.2	110	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:	OR-02-100924	SDG No.:	BF101124
Lab Sample ID:	P4376-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.2
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
BF139768.D	1	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.9	U	54.9	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	82.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.2	U	52.2	82.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98.6	U	98.6	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.1	U	45.1	82.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.8	U	46.8	82.2	110	ug/Kg
92-52-4	1,1-Biphenyl	55.3	U	55.3	82.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.7	U	52.7	82.2	110	ug/Kg
88-74-4	2-Nitroaniline	60.1	U	60.1	82.2	110	ug/Kg
131-11-3	Dimethylphthalate	51.7	U	51.7	82.2	110	ug/Kg
208-96-8	Acenaphthylene	54.7	U	54.7	82.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.6	U	52.6	82.2	110	ug/Kg
99-09-2	3-Nitroaniline	56.4	U	56.4	82.2	110	ug/Kg
83-32-9	Acenaphthene	51.3	U	51.3	82.2	110	ug/Kg
Total PAH	Total PAH	2680.6	U	837.9	82.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.3	U	73.3	170	210	ug/Kg
132-64-9	Dibenzofuran	53.4	U	53.4	82.2	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.5	U	54.5	82.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.1	U	107.1	82.2	220	ug/Kg
84-66-2	Diethylphthalate	50.6	U	50.6	82.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.1	U	54.1	82.2	110	ug/Kg
86-73-7	Fluorene	54.1	U	54.1	82.2	110	ug/Kg
100-01-6	4-Nitroaniline	67.7	U	67.7	82.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74	U	74	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.6	U	51.6	82.2	110	ug/Kg
103-33-3	Azobenzene	50.3	U	50.3	82.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.9	U	49.9	82.2	110	ug/Kg
118-74-1	Hexachlorobenzene	53.7	U	53.7	82.2	110	ug/Kg
1912-24-9	Atrazine	57.8	U	57.8	82.2	110	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:	OR-02-100924	SDG No.:	BF101124
Lab Sample ID:	P4376-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.2
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
BF139768.D	1	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.9	U	48.9	170	210	ug/Kg
85-01-8	Phenanthrene	360		53.1	82.2	110	ug/Kg
120-12-7	Anthracene	100	J	53.4	82.2	110	ug/Kg
86-74-8	Carbazole	50.8	U	50.8	82.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.3	U	53.3	82.2	110	ug/Kg
206-44-0	Fluoranthene	580		51.7	82.2	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	350		52.5	82.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.2	U	61.2	82.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.3	U	62.3	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	260		51	82.2	110	ug/Kg
218-01-9	Chrysene	210		50.3	82.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.5	U	57.5	82.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.6	U	69.6	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		51.3	82.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	98.3	J	52.2	82.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	240		58.8	82.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92.3	J	49.4	82.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.3	U	51.3	82.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110		50.6	82.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.9	U	54.9	82.2	110	ug/Kg
123-91-1	1,4-Dioxane	69.6	U	69.6	82.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.2	U	47.2	82.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.6	U	52.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	52.57		18-112		35	SPK: -150
13127-88-3	Phenol-d6	47.59		15-107		32	SPK: -150
4165-60-0	Nitrobenzene-d5	35.481		18-107		35	SPK: -100
321-60-8	2-Fluorobiphenyl	38.2		20-109		38	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:	OR-02-100924	SDG No.:	BF101124
Lab Sample ID:	P4376-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.2
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
BF139768.D	1	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	40.096		10-116		27	SPK: -150
1718-51-0	Terphenyl-d14	25.662		10-105		26	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71490	6.863				
1146-65-2	Naphthalene-d8	234684	8.145				
15067-26-2	Acenaphthene-d10	100888	9.898				
1517-22-2	Phenanthrene-d10	164108	11.386				
1719-03-5	Chrysene-d12	161162	14.027				
1520-96-3	Perylene-d12	128646	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.122	
000629-50-5	Tridecane	120	J			8.733	
000629-59-4	Tetradecane	280	J			9.298	
000582-16-1	Naphthalene, 2,7-dimethyl-	150	J			9.557	
004292-19-7	Dodecane, 1-iodo-	210	J			9.616	
000629-62-9	Pentadecane	310	J			9.828	
017453-94-0	Undecane, 5-ethyl-	70.2	J			10.063	
000112-40-3	Dodecane	70.8	J			10.145	
000544-76-3	Hexadecane	340	J			10.328	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	160	J			10.545	
000119-61-9	Benzophenone	120	J			10.61	
000629-78-7	Heptadecane	480	J			10.798	
000629-92-5	Nonadecane	280	J			11.245	
000132-65-0	Dibenzothiophene	140	J			11.28	
055045-10-8	Tridecane, 6-propyl-	220	J			11.675	
000057-10-3	n-Hexadecanoic acid	780	J			11.916	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			11.998	
000646-31-1	Tetracosane	180	J			12.08	
000593-45-3	Octadecane	420	J			12.469	

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:	OR-02-100924	SDG No.:	BF101124
Lab Sample ID:	P4376-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.2
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
BF139768.D	1	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000057-11-4	Octadecanoic acid	400	J			12.704	

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-08-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139769.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92.9	U	92.9	290	350	ug/Kg
110-86-1	Pyridine	85.5	U	85.5	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	88.7	U	88.7	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.6	U	89.6	140	180	ug/Kg
95-57-8	2-Chlorophenol	89.3	U	89.3	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	90.5	U	90.5	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	92	U	92	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	92.6	U	92.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	88.8	U	88.8	290	350	ug/Kg
95-48-7	2-Methylphenol	86.2	U	86.2	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.3	U	97.3	140	180	ug/Kg
98-86-2	Acetophenone	93	U	93	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.4	U	85.4	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.1	U	43.1	85.6	85.6	ug/Kg
67-72-1	Hexachloroethane	88.8	U	88.8	140	180	ug/Kg
98-95-3	Nitrobenzene	97.2	U	97.2	140	180	ug/Kg
78-59-1	Isophorone	90.5	U	90.5	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	99.7	U	99.7	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.8	U	91.8	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.8	U	80.8	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	91.4	U	91.4	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	88.4	U	88.4	140	180	ug/Kg
106-47-8	4-Chloroaniline	88.4	U	88.4	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.1	U	89.1	140	180	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-08-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139769.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	92.9	U	92.9	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.9	U	82.9	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.3	U	88.3	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.4	U	76.4	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.2	U	79.2	140	180	ug/Kg
92-52-4	1,1-Biphenyl	93.5	U	93.5	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.1	U	89.1	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	87.4	U	87.4	140	180	ug/Kg
208-96-8	Acenaphthylene	92.6	U	92.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89	U	89	140	180	ug/Kg
99-09-2	3-Nitroaniline	95.4	U	95.4	140	180	ug/Kg
83-32-9	Acenaphthene	86.8	U	86.8	140	180	ug/Kg
Total PAH	Total PAH	2720	U	1418.1	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	90.3	U	90.3	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	181.2	U	181.2	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.2	U	92.2	140	180	ug/Kg
84-66-2	Diethylphthalate	85.7	U	85.7	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91.6	U	91.6	140	180	ug/Kg
86-73-7	Fluorene	91.5	U	91.5	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.3	U	87.3	140	180	ug/Kg
103-33-3	Azobenzene	85.2	U	85.2	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.4	U	84.4	140	180	ug/Kg
118-74-1	Hexachlorobenzene	91	U	91	140	180	ug/Kg
1912-24-9	Atrazine	97.8	U	97.8	140	180	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-08-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139769.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	82.7	U	82.7	290	350	ug/Kg
85-01-8	Phenanthrene	160	J	89.9	140	180	ug/Kg
120-12-7	Anthracene	90.3	U	90.3	140	180	ug/Kg
86-74-8	Carbazole	85.9	U	85.9	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.2	U	90.2	140	180	ug/Kg
206-44-0	Fluoranthene	440		87.4	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	280		88.8	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	290		86.4	140	180	ug/Kg
218-01-9	Chrysene	260		85.1	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.4	U	97.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	450		86.8	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	88.4	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	340		99.5	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	83.6	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.9	U	86.9	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		85.7	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.9	U	92.9	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.9	U	79.9	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	89	U	89	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.92		18-112		67	SPK: -150
13127-88-3	Phenol-d6	91.643		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	67.726		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	76.875		20-109		77	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-08-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139769.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.461		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	52.161		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75937	6.869				
1146-65-2	Naphthalene-d8	257531	8.145				
15067-26-2	Acenaphthene-d10	113003	9.898				
1517-22-2	Phenanthrene-d10	186447	11.386				
1719-03-5	Chrysene-d12	172632	14.033				
1520-96-3	Perylene-d12	134655	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3500	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.081	
1000322-86-9	Phthalic acid, 2-ethoxyethyl ethyl ester	79.2	J			10.316	
000119-61-9	Benzophenone	430	J			10.616	
000057-10-3	n-Hexadecanoic acid	480	J			11.91	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	78.8	J			11.998	
000057-11-4	Octadecanoic acid	85.2	J			12.698	
000479-79-8	11H-Benzo[a]fluoren-11-one	120	J			13.874	
000112-84-5	13-Docosenamide, (Z)-	510	J			14.786	
000192-97-2	Benzo[e]pyrene	200	J			15.374	

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-07-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF139770.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96	U	96	300	370	ug/Kg
110-86-1	Pyridine	88.4	U	88.4	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.7	U	91.7	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.6	U	92.6	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.4	U	92.4	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.6	U	93.6	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.2	U	95.2	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.7	U	95.7	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.8	U	91.8	300	370	ug/Kg
95-48-7	2-Methylphenol	89.2	U	89.2	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.1	U	96.1	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.3	U	88.3	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.6	U	44.6	88.5	88.5	ug/Kg
67-72-1	Hexachloroethane	91.8	U	91.8	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.6	U	93.6	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94.9	U	94.9	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.5	U	83.5	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.5	U	94.5	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.4	U	91.4	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.4	U	91.4	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.2	U	92.2	140	190	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-07-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF139770.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96	U	96	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.7	U	85.7	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.3	U	91.3	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79	U	79	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.9	U	81.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.7	U	96.7	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.2	U	92.2	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.4	U	90.4	140	190	ug/Kg
208-96-8	Acenaphthylene	190		95.7	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.1	U	92.1	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.7	U	98.7	140	190	ug/Kg
83-32-9	Acenaphthene	89.7	U	89.7	140	190	ug/Kg
Total PAH	Total PAH	13070	U	1463.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.4	U	93.4	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.5	U	187.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.4	U	95.4	140	190	ug/Kg
84-66-2	Diethylphthalate	88.6	U	88.6	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.7	U	94.7	140	190	ug/Kg
86-73-7	Fluorene	130	J	94.6	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.3	U	90.3	140	190	ug/Kg
103-33-3	Azobenzene	88.1	U	88.1	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.3	U	87.3	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94	U	94	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	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-07-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF139770.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.5	U	85.5	300	370	ug/Kg
85-01-8	Phenanthrene	2300		92.9	140	190	ug/Kg
120-12-7	Anthracene	260		93.4	140	190	ug/Kg
86-74-8	Carbazole	88.8	U	88.8	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.3	U	93.3	140	190	ug/Kg
206-44-0	Fluoranthene	2600		90.4	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	1800		91.8	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1000		89.3	140	190	ug/Kg
218-01-9	Chrysene	1000		88	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		89.7	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	500		91.4	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	980		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460		86.4	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	89.8	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	520		88.6	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96	U	96	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.7	U	82.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.1	U	92.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.694		18-112		61	SPK: -150
13127-88-3	Phenol-d6	83.098		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	61.353		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	69.927		20-109		70	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-07-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF139770.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.817		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	45.083		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72835	6.869				
1146-65-2	Naphthalene-d8	237841	8.145				
15067-26-2	Acenaphthene-d10	100407	9.898				
1517-22-2	Phenanthrene-d10	181468	11.386				
1719-03-5	Chrysene-d12	166224	14.033				
1520-96-3	Perylene-d12	139389	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3700	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.081	
000119-61-9	Benzophenone	390	J			10.61	
000132-65-0	Dibenzothiophene	110	J			11.286	
000605-02-7	Naphthalene, 1-phenyl-	90	J			11.68	
000832-69-9	Phenanthrene, 1-methyl-	220	J			11.892	
002531-84-2	Phenanthrene, 2-methyl-	540	J			11.916	
000203-64-5	4H-Cyclopenta[def]phenanthrene	570	J			12.004	
000612-94-2	Naphthalene, 2-phenyl-	260	J			12.186	
000084-65-1	9,10-Anthracenedione	100	J			12.21	
000781-43-1	9,10-Dimethylantracene	150	J			12.439	
	unknown	12.475	J			12.475	
005737-13-3	Cyclopenta(def)phenanthrenone	160	J			12.527	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	180	J			12.698	
002381-21-7	Pyrene, 1-methyl-	120	J			13.157	
027208-37-3	Cyclopenta[cd]pyrene	110	J			13.833	
000479-79-8	11H-Benzo[a]fluoren-11-one	120	J			13.874	
000112-84-5	13-Docosenamide, (Z)-	220	J			14.786	
000192-97-2	Benzo[e]pyrene	98.8	J			15.18	

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-07-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF139770.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	450	J			15.38	

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-05-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
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
BF139771.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.3	U	94.3	290	360	ug/Kg
110-86-1	Pyridine	86.8	U	86.8	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	110	U	110	140	180	ug/Kg
108-95-2	Phenol	90.1	U	90.1	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91	U	91	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.7	U	90.7	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.9	U	91.9	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.5	U	93.5	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	94	U	94	140	180	ug/Kg
100-51-6	Benzyl Alcohol	90.2	U	90.2	290	360	ug/Kg
95-48-7	2-Methylphenol	87.6	U	87.6	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.8	U	98.8	140	180	ug/Kg
98-86-2	Acetophenone	94.4	U	94.4	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.7	U	86.7	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.8	U	43.8	86.9	86.9	ug/Kg
67-72-1	Hexachloroethane	90.2	U	90.2	140	180	ug/Kg
98-95-3	Nitrobenzene	98.7	U	98.7	140	180	ug/Kg
78-59-1	Isophorone	91.9	U	91.9	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.2	U	93.2	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	82	U	82	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.8	U	92.8	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.8	U	89.8	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.8	U	89.8	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.5	U	90.5	140	180	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-05-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139771.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.3	U	94.3	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.2	U	84.2	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.7	U	89.7	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.6	U	77.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.4	U	80.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	95	U	95	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.5	U	90.5	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.8	U	88.8	140	180	ug/Kg
208-96-8	Acenaphthylene	94	U	94	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.4	U	90.4	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.9	U	96.9	140	180	ug/Kg
83-32-9	Acenaphthene	88.1	U	88.1	140	180	ug/Kg
Total PAH	Total PAH	7218.6	U	1438.9	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.7	U	91.7	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	184.1	U	184.1	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.7	U	93.7	140	180	ug/Kg
84-66-2	Diethylphthalate	87	U	87	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93	U	93	140	180	ug/Kg
86-73-7	Fluorene	92.9	U	92.9	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.7	U	88.7	140	180	ug/Kg
103-33-3	Azobenzene	86.5	U	86.5	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.7	U	85.7	140	180	ug/Kg
118-74-1	Hexachlorobenzene	92.4	U	92.4	140	180	ug/Kg
1912-24-9	Atrazine	99.3	U	99.3	140	180	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-05-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139771.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84	U	84	290	360	ug/Kg
85-01-8	Phenanthrene	830		91.3	140	180	ug/Kg
120-12-7	Anthracene	180		91.7	140	180	ug/Kg
86-74-8	Carbazole	100	J	87.3	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.6	U	91.6	140	180	ug/Kg
206-44-0	Fluoranthene	1500		88.8	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	810		90.2	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	700		87.7	140	180	ug/Kg
218-01-9	Chrysene	620		86.4	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.9	U	98.9	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		88.1	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		89.8	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	680		100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290		84.9	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.6	J	88.2	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		87	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.3	U	94.3	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.2	U	81.2	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	90.4	U	90.4	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.818		18-112		52	SPK: -150
13127-88-3	Phenol-d6	69.339		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	53.179		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	58.262		20-109		58	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-05-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
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
BF139771.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.218		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	40.037		10-105		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70125	6.869				
1146-65-2	Naphthalene-d8	227557	8.145				
15067-26-2	Acenaphthene-d10	99467	9.898				
1517-22-2	Phenanthrene-d10	178983	11.386				
1719-03-5	Chrysene-d12	166148	14.033				
1520-96-3	Perylene-d12	133611	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3300	J			2.14	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.075	
000124-16-3	2-Propanol, 1-(2-butoxyethoxy)-	79.7	J			8.239	
000119-61-9	Benzophenone	260	J			10.61	
002531-84-2	Phenanthrene, 2-methyl-	500	J			11.916	
000203-64-5	4H-Cyclopenta[def]phenanthrene	260	J			12.004	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	75	J			12.186	
000084-65-1	9,10-Anthracenedione	79	J			12.21	
003674-66-6	Phenanthrene, 2,5-dimethyl-	92.4	J			12.439	
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	75.7	J			12.474	
005737-13-3	Cyclopenta(def)phenanthrenone	97.1	J			12.527	
002381-21-7	Pyrene, 1-methyl-	74.6	J			13.051	
000243-17-4	11H-Benzo[b]fluorene	98.2	J			13.157	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			13.874	
000112-84-5	13-Docosenamide, (Z)-	260	J			14.786	
000192-97-2	Benzo[e]pyrene	290	J			15.38	

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-04-2.0-2.5MS	SDG No.:	BF101124
Lab Sample ID:	P4364-11MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
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
BF139772.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2000		110	340	410	ug/Kg
110-86-1	Pyridine	1900		99.4	160	210	ug/Kg
100-52-7	Benzaldehyde	910		230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	1900		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	2000		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	1900		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	1900		100	340	410	ug/Kg
95-48-7	2-Methylphenol	1800		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		110	160	210	ug/Kg
98-86-2	Acetophenone	2100		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	1900		99.3	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1900		50.1	99.5	99.5	ug/Kg
67-72-1	Hexachloroethane	1800		100	160	210	ug/Kg
98-95-3	Nitrobenzene	1900		110	160	210	ug/Kg
78-59-1	Isophorone	2000		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	2000		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		93.9	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		110	160	210	ug/Kg
65-85-0	Benzoic acid	1500		290	340	410	ug/Kg
91-20-3	Naphthalene	2300		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	790		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	1900		100	160	210	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-04-2.0-2.5MS	SDG No.:	BF101124
Lab Sample ID:	P4364-11MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
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
BF139772.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		96.4	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	1800		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		88.8	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		92.1	160	210	ug/Kg
92-52-4	1,1-Biphenyl	2200		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	2100		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	1900		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2100		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2100		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1000		110	160	210	ug/Kg
83-32-9	Acenaphthene	1900		100	160	210	ug/Kg
Total PAH	Total PAH	34500		1645.8	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	940		300	340	410	ug/Kg
100-02-7	4-Nitrophenol	3300		140	340	410	ug/Kg
132-64-9	Dibenzofuran	1900		110	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3500		210	160	420	ug/Kg
84-66-2	Diethylphthalate	1900		99.7	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		110	160	210	ug/Kg
86-73-7	Fluorene	1800		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	1200		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	650		150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		100	160	210	ug/Kg
103-33-3	Azobenzene	2000		99	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		98.2	160	210	ug/Kg
118-74-1	Hexachlorobenzene	1900		110	160	210	ug/Kg
1912-24-9	Atrazine	2300		110	160	210	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-04-2.0-2.5MS	SDG No.:	BF101124
Lab Sample ID:	P4364-11MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
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
BF139772.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3600	E	96.2	340	410	ug/Kg
85-01-8	Phenanthrene	2400		100	160	210	ug/Kg
120-12-7	Anthracene	2200		110	160	210	ug/Kg
86-74-8	Carbazole	2100		99.9	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	4400	E	100	160	210	ug/Kg
206-44-0	Fluoranthene	2800		100	160	210	ug/Kg
92-87-5	Benzidine	730		200	340	410	ug/Kg
129-00-0	Pyrene	1900		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	1900		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	2300		100	160	210	ug/Kg
218-01-9	Chrysene	2200		98.9	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4000	E	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2700		140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2500		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		97.2	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		99.7	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	2000		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		92.9	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1700		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.025		18-112		77	SPK: -150
13127-88-3	Phenol-d6	106.48		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	78.089		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	82.045		20-109		82	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-04-2.0-2.5MS	SDG No.:	BF101124
Lab Sample ID:	P4364-11MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
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
BF139772.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.971		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	53.405		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83105	6.869				
1146-65-2	Naphthalene-d8	285627	8.151				
15067-26-2	Acenaphthene-d10	126386	9.904				
1517-22-2	Phenanthrene-d10	200180	11.392				
1719-03-5	Chrysene-d12	168877	14.033				
1520-96-3	Perylene-d12	133308	15.51				

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-04-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139773.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.2	U	99.2	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.1	U	99.1	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50	U	50	99.3	99.3	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	93.7	U	93.7	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	340	410	ug/Kg
91-20-3	Naphthalene	460		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-04-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139773.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.2	U	96.2	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.7	U	88.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91.9	U	91.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	5160	U	1635.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	99.5	U	99.5	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	98.8	U	98.8	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98	U	98	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	SB-04-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139773.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96	U	96	340	410	ug/Kg
85-01-8	Phenanthrene	520		100	160	210	ug/Kg
120-12-7	Anthracene	130	J	100	160	210	ug/Kg
86-74-8	Carbazole	99.7	U	99.7	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	3100		100	160	210	ug/Kg
206-44-0	Fluoranthene	920		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	530		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	450		100	160	210	ug/Kg
218-01-9	Chrysene	410		98.7	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2400		110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	240	J	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	560		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	220		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	470		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		97	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		99.5	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.7	U	92.7	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.401		18-112		91	SPK: -150
13127-88-3	Phenol-d6	119.966		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	92.522		18-107		93	SPK: -100
321-60-8	2-Fluorobiphenyl	94.752		20-109		95	SPK: -100



Client:				Date Collected:	10/4/2024 12:00:00 AM	
Project:				Date Received:	10/4/2024 12:00:00 AM	
Client Sample ID:	SB-04-2.0-2.5			SDG No.:	BF101124	
Lab Sample ID:	P4364-11			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	19.7	
Sample Wt/Vol:	30.09	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
BF139773.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.372		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	59.737		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69247	6.869				
1146-65-2	Naphthalene-d8	220892	8.145				
15067-26-2	Acenaphthene-d10	98664	9.904				
1517-22-2	Phenanthrene-d10	177152	11.386				
1719-03-5	Chrysene-d12	168640	14.033				
1520-96-3	Perylene-d12	127071	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5500	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	340	A			5.087	
1000309-85-4	Phthalic acid, monoamide, N-ethyl-	95.2	J			10.316	
000119-61-9	Benzophenone	600	J			10.616	
017312-57-1	Dodecane, 3-methyl-	88.6	J			10.804	
000373-49-9	Palmitoleic acid	130	J			11.845	
000203-64-5	4H-Cyclopenta[def]phenanthrene	210	J			12.004	
000057-11-4	Octadecanoic acid	200	J			12.698	
000115-86-6	Triphenyl phosphate	86.1	J			13.645	
000192-97-2	Benzo[e]pyrene	240	J			15.38	

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-04-2.0-2.5MSD	SDG No.:	BF101124
Lab Sample ID:	P4364-11MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139774.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2200		110	340	410	ug/Kg
110-86-1	Pyridine	2100		99.3	160	210	ug/Kg
100-52-7	Benzaldehyde	960		230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	2000		100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200		100	160	210	ug/Kg
95-57-8	2-Chlorophenol	2100		100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	2100		110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	2100		110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	2000		100	340	410	ug/Kg
95-48-7	2-Methylphenol	1900		100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		110	160	210	ug/Kg
98-86-2	Acetophenone	2300		110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	2100		99.2	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2000		50.1	99.5	99.5	ug/Kg
67-72-1	Hexachloroethane	1900		100	160	210	ug/Kg
98-95-3	Nitrobenzene	2100		110	160	210	ug/Kg
78-59-1	Isophorone	2100		110	160	210	ug/Kg
88-75-5	2-Nitrophenol	2100		120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100		110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		93.9	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2000		110	160	210	ug/Kg
65-85-0	Benzoic acid	1600		290	340	410	ug/Kg
91-20-3	Naphthalene	2400		100	160	210	ug/Kg
106-47-8	4-Chloroaniline	850		100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	2000		100	160	210	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-04-2.0-2.5MSD	SDG No.:	BF101124
Lab Sample ID:	P4364-11MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139774.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		96.4	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	1900		100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000		190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		88.8	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		92	160	210	ug/Kg
92-52-4	1,1-Biphenyl	2300		110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	2200		100	160	210	ug/Kg
88-74-4	2-Nitroaniline	2100		120	160	210	ug/Kg
131-11-3	Dimethylphthalate	2300		100	160	210	ug/Kg
208-96-8	Acenaphthylene	2300		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		100	160	210	ug/Kg
99-09-2	3-Nitroaniline	1200		110	160	210	ug/Kg
83-32-9	Acenaphthene	2100		100	160	210	ug/Kg
Total PAH	Total PAH	37500		1635.5	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	750		300	340	410	ug/Kg
100-02-7	4-Nitrophenol	3800	E	140	340	410	ug/Kg
132-64-9	Dibenzofuran	2100		100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		110	160	210	ug/Kg
84-66-2	Diethylphthalate	2100		99.6	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		110	160	210	ug/Kg
86-73-7	Fluorene	2000		110	160	210	ug/Kg
100-01-6	4-Nitroaniline	1400		130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	530		150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2200		100	160	210	ug/Kg
103-33-3	Azobenzene	2200		99	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2100		98.1	160	210	ug/Kg
118-74-1	Hexachlorobenzene	2000		110	160	210	ug/Kg
1912-24-9	Atrazine	2500		110	160	210	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-04-2.0-2.5MSD	SDG No.:	BF101124
Lab Sample ID:	P4364-11MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139774.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3800	E	96.1	340	410	ug/Kg
85-01-8	Phenanthrene	2600		100	160	210	ug/Kg
120-12-7	Anthracene	2400		100	160	210	ug/Kg
86-74-8	Carbazole	2300		99.8	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	4700	E	100	160	210	ug/Kg
206-44-0	Fluoranthene	3000		100	160	210	ug/Kg
92-87-5	Benzidine	870		200	340	410	ug/Kg
129-00-0	Pyrene	2200		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	2100		120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	2500		100	160	210	ug/Kg
218-01-9	Chrysene	2400		98.8	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4500	E	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	3000		140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2600		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	2600		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		97.1	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		99.6	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2400		110	160	210	ug/Kg
123-91-1	1,4-Dioxane	2100		140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		92.9	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	1800		100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.435		18-112		83	SPK: -150
13127-88-3	Phenol-d6	113.908		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	83.413		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	88.753		20-109		89	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-04-2.0-2.5MSD	SDG No.:	BF101124
Lab Sample ID:	P4364-11MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139774.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.992		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	60.889		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74746	6.869				
1146-65-2	Naphthalene-d8	254966	8.151				
15067-26-2	Acenaphthene-d10	109987	9.904				
1517-22-2	Phenanthrene-d10	186157	11.392				
1719-03-5	Chrysene-d12	153677	14.039				
1520-96-3	Perylene-d12	115703	15.509				

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-02-4.5-5.0	SDG No.:	BF101124
Lab Sample ID:	P4364-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139775.D	1	10/9/2024 12:00:00 AM	10/11/2024 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	95.5	U	95.5	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	390	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.1	U	99.1	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	99.8	U	99.8	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.2	U	99.2	320	390	ug/Kg
95-48-7	2-Methylphenol	96.3	U	96.3	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.4	U	95.4	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.2	U	48.2	95.6	95.6	ug/Kg
67-72-1	Hexachloroethane	99.2	U	99.2	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.2	U	90.2	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	200		98.7	160	200	ug/Kg
106-47-8	4-Chloroaniline	98.7	U	98.7	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	99.5	U	99.5	160	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-02-4.5-5.0	SDG No.:	BF101124
Lab Sample ID:	P4364-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139775.D	1	10/9/2024 12:00:00 AM	10/11/2024 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	92.6	U	92.6	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	130	J	98.6	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.3	U	85.3	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.4	U	88.4	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	99.5	U	99.5	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	97.6	U	97.6	160	200	ug/Kg
208-96-8	Acenaphthylene	530		100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.4	U	99.4	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	96.9	U	96.9	160	200	ug/Kg
Total PAH	Total PAH	10290	U	1575.4	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.4	U	199.4	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
84-66-2	Diethylphthalate	95.7	U	95.7	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	130	J	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.5	U	97.5	160	200	ug/Kg
103-33-3	Azobenzene	95.1	U	95.1	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.3	U	94.3	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	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-02-4.5-5.0	SDG No.:	BF101124
Lab Sample ID:	P4364-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139775.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.4	U	92.4	320	390	ug/Kg
85-01-8	Phenanthrene	970		100	160	200	ug/Kg
120-12-7	Anthracene	280		100	160	200	ug/Kg
86-74-8	Carbazole	96	U	96	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	1400		97.6	160	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	1300		99.2	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	1000		96.4	160	200	ug/Kg
218-01-9	Chrysene	920		95	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		96.9	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	400		98.7	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	950		110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450		93.3	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	J	97	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	590		95.7	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.3	U	89.3	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	J	99.4	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.658		18-112		71	SPK: -150
13127-88-3	Phenol-d6	95.101		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	74.482		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	69.434		20-109		69	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-02-4.5-5.0	SDG No.:	BF101124
Lab Sample ID:	P4364-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139775.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.826		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	54.535		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73983	6.869				
1146-65-2	Naphthalene-d8	230755	8.145				
15067-26-2	Acenaphthene-d10	110936	9.904				
1517-22-2	Phenanthrene-d10	199923	11.392				
1719-03-5	Chrysene-d12	169429	14.039				
1520-96-3	Perylene-d12	118453	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4100	J			2.152	
000100-42-5	Styrene	1000	J			5.704	
000100-80-1	Benzene, 1-ethenyl-3-methyl-	1500	J			6.704	
000622-97-9	Benzene, 1-ethenyl-4-methyl-	820	J			6.74	
000095-13-6	Indene	740	J			7.134	
027831-13-6	Benzene, 4-ethenyl-1,2-dimethyl-	520	J			7.481	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	320	J			7.528	
006263-65-6	Benzenemethanethiol, .alpha.-methy	2400	J			7.728	
002177-47-1	2-Methylindene	420	J			7.898	
000767-59-9	1H-Indene, 1-methyl-	740	J			7.951	
000527-84-4	o-Cymene	1900	J			8.369	
000099-87-6	p-Cymene	2100	J			8.428	
004706-90-5	Benzene, 1,3-dimethyl-5-(1-methyle	670	J			9.034	
004132-72-3	Benzene, 1,4-dimethyl-2-(1-methyle	700	J			9.14	
029634-38-6	Phenol, o-[(.alpha.-methylbenzyl)s	670	J			9.351	
000119-61-9	Benzophenone	360	J			10.616	
1000210-14-8	Naphtho[1,2-b]norbornadiene	460	J			12.004	
003674-66-6	Phenanthrene, 2,5-dimethyl-	350	J			12.445	
000243-17-4	11H-Benzo[b]fluorene	280	J			13.157	

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-02-4.5-5.0	SDG No.:	BF101124
Lab Sample ID:	P4364-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139775.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	670	J			15.386	

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-03-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF139776.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.7	U	96.7	300	370	ug/Kg
110-86-1	Pyridine	89	U	89	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	92.3	U	92.3	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.2	U	93.2	140	190	ug/Kg
95-57-8	2-Chlorophenol	93	U	93	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.2	U	94.2	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.8	U	95.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.3	U	96.3	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92.4	U	92.4	300	370	ug/Kg
95-48-7	2-Methylphenol	89.8	U	89.8	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.8	U	96.8	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.9	U	88.9	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.9	U	44.9	89.1	89.1	ug/Kg
67-72-1	Hexachloroethane	92.4	U	92.4	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	94.2	U	94.2	140	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.6	U	95.6	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.1	U	84.1	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.1	U	95.1	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	120	J	92	140	190	ug/Kg
106-47-8	4-Chloroaniline	92	U	92	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.8	U	92.8	140	190	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-03-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF139776.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.7	U	96.7	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.3	U	86.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.9	U	91.9	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.5	U	79.5	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.4	U	82.4	140	190	ug/Kg
92-52-4	1,1-Biphenyl	97.3	U	97.3	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.8	U	92.8	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	91	U	91	140	190	ug/Kg
208-96-8	Acenaphthylene	200		96.3	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.7	U	92.7	140	190	ug/Kg
99-09-2	3-Nitroaniline	99.3	U	99.3	140	190	ug/Kg
83-32-9	Acenaphthene	100	J	90.3	140	190	ug/Kg
Total PAH	Total PAH	15770		1472.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94	U	94	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	96	U	96	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	88.7	U	188.7	140	380	ug/Kg
84-66-2	Diethylphthalate	89.2	U	89.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.3	U	95.3	140	190	ug/Kg
86-73-7	Fluorene	140	J	95.2	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.9	U	90.9	140	190	ug/Kg
103-33-3	Azobenzene	88.7	U	88.7	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.9	U	87.9	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.7	U	94.7	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	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-03-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF139776.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.1	U	86.1	300	370	ug/Kg
85-01-8	Phenanthrene	1500		93.6	140	190	ug/Kg
120-12-7	Anthracene	420		94	140	190	ug/Kg
86-74-8	Carbazole	170	J	89.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	400		93.9	140	190	ug/Kg
206-44-0	Fluoranthene	2700		91	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	2000		92.4	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1500		89.9	140	190	ug/Kg
218-01-9	Chrysene	1300		88.5	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	570		100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		90.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	690		92	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	1500		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	760		87	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		90.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910		89.2	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.7	U	96.7	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.2	U	83.2	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.7	U	92.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.744		18-112		52	SPK: -150
13127-88-3	Phenol-d6	69.176		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	52.919		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	55.967		20-109		56	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-03-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF139776.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.205		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	45.586		10-105		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69314	6.869				
1146-65-2	Naphthalene-d8	224988	8.145				
15067-26-2	Acenaphthene-d10	106315	9.904				
1517-22-2	Phenanthrene-d10	194324	11.392				
1719-03-5	Chrysene-d12	151890	14.039				
1520-96-3	Perylene-d12	113208	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3300	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.075	
000100-80-1	Benzene, 1-ethenyl-3-methyl-	130	J			6.698	
006263-65-6	Benzenemethanethiol, .alpha.-methy	210	J			7.722	
000527-84-4	o-Cymene	140	J			8.363	
000099-87-6	p-Cymene	170	J			8.422	
	unknown10.322	140	J			10.322	
000119-61-9	Benzophenone	240	J			10.61	
000112-40-3	Dodecane	180	J			10.81	
000132-65-0	Dibenzothiophene	130	J			11.286	
002444-68-0	Anthracene, 9-ethenyl-	120	J			11.68	
000613-12-7	Anthracene, 2-methyl-	220	J			11.892	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	640	J			12.004	
000149-30-4	2-Mercaptobenzothiazole	230	J			12.116	
000612-94-2	Naphthalene, 2-phenyl-	190	J			12.186	
003674-66-6	Phenanthrene, 2,5-dimethyl-	280	J			12.439	
005737-13-3	Cyclopenta(def)phenanthrenone	200	J			12.527	
002381-21-7	Pyrene, 1-methyl-	110	J			13.051	
000243-17-4	11H-Benzo[b]fluorene	130	J			13.157	

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-03-0.167-0.667	SDG No.:	BF101124
Lab Sample ID:	P4364-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF139776.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	860	J			15.386	

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-01-2.5-3.0	SDG No.:	BF101124
Lab Sample ID:	P4364-02	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
BF139777.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	98.8	U	98.8	310	380	ug/Kg
110-86-1	Pyridine	90.9	U	90.9	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	94.3	U	94.3	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	95.2	U	95.2	150	190	ug/Kg
95-57-8	2-Chlorophenol	95	U	95	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	96.3	U	96.3	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.9	U	97.9	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	98.4	U	98.4	150	190	ug/Kg
100-51-6	Benzyl Alcohol	94.4	U	94.4	310	380	ug/Kg
95-48-7	2-Methylphenol	91.7	U	91.7	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	98.9	U	98.9	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	90.8	U	90.8	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.9	U	45.9	91	91	ug/Kg
67-72-1	Hexachloroethane	94.4	U	94.4	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	96.3	U	96.3	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	97.6	U	97.6	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.9	U	85.9	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.2	U	97.2	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	420		94	150	190	ug/Kg
106-47-8	4-Chloroaniline	94	U	94	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.8	U	94.8	150	190	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-01-2.5-3.0	SDG No.:	BF101124
Lab Sample ID:	P4364-02	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
BF139777.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	98.8	U	98.8	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.2	U	88.2	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	360		93.9	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.2	U	81.2	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.2	U	84.2	150	190	ug/Kg
92-52-4	1,1-Biphenyl	140	J	99.4	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.8	U	94.8	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	93	U	93	150	190	ug/Kg
208-96-8	Acenaphthylene	840		98.4	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	94.7	U	94.7	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	220		92.3	150	190	ug/Kg
Total PAH	Total PAH	30140		1512	150	3040	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	150	J	96	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.1	U	98.1	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	92.8	U	192.8	150	380	ug/Kg
84-66-2	Diethylphthalate	91.1	U	91.1	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	97.4	U	97.4	150	190	ug/Kg
86-73-7	Fluorene	730		97.3	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	92.8	U	92.8	150	190	ug/Kg
103-33-3	Azobenzene	90.6	U	90.6	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	89.8	U	89.8	150	190	ug/Kg
118-74-1	Hexachlorobenzene	96.7	U	96.7	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	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-01-2.5-3.0	SDG No.:	BF101124
Lab Sample ID:	P4364-02	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
BF139777.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88	U	88	310	380	ug/Kg
85-01-8	Phenanthrene	4600	E	95.6	150	190	ug/Kg
120-12-7	Anthracene	1000		96	150	190	ug/Kg
86-74-8	Carbazole	240		91.4	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	95.9	U	95.9	150	190	ug/Kg
206-44-0	Fluoranthene	4600	E	93	150	190	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	4200	E	94.4	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	2300		91.8	150	190	ug/Kg
218-01-9	Chrysene	2400		90.5	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600		92.3	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	790		94	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	2400		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		88.9	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	340		92.4	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		91.1	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.8	U	98.8	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85	U	85	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	310		94.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	113.884		18-112		76	SPK: -150
13127-88-3	Phenol-d6	101.808		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	75.351		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	79.844		20-109		80	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-01-2.5-3.0	SDG No.:	BF101124
Lab Sample ID:	P4364-02	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
BF139777.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.746		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	64.016		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60362	6.869				
1146-65-2	Naphthalene-d8	197466	8.151				
15067-26-2	Acenaphthene-d10	92192	9.904				
1517-22-2	Phenanthrene-d10	163011	11.392				
1719-03-5	Chrysene-d12	127716	14.039				
1520-96-3	Perylene-d12	96715	15.516				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4700	J			2.158	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.081	
000100-80-1	Benzene, 1-ethenyl-3-methyl-	220	J			6.698	
000581-42-0	Naphthalene, 2,6-dimethyl-	390	J			9.486	
000581-40-8	Naphthalene, 2,3-dimethyl-	510	J			9.563	
000575-43-9	Naphthalene, 1,6-dimethyl-	260	J			9.586	
000573-98-8	Naphthalene, 1,2-dimethyl-	320	J			9.681	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	280	J			10.216	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	520	J			10.328	
000119-61-9	Benzophenone	460	J			10.61	
000613-12-7	Anthracene, 2-methyl-	190	J			11.892	
002531-84-2	Phenanthrene, 2-methyl-	290	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	420	J			12.01	
003674-66-6	Phenanthrene, 2,5-dimethyl-	230	J			12.445	
002381-21-7	Pyrene, 1-methyl-	240	J			13.057	
033543-31-6	Fluoranthene, 2-methyl-	370	J			13.163	
003353-12-6	Pyrene, 4-methyl-	260	J			13.269	
003442-78-2	Pyrene, 2-methyl-	200	J			13.363	
000243-17-4	11H-Benzo[b]fluorene	210	J			13.392	

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-01-2.5-3.0	SDG No.:	BF101124
Lab Sample ID:	P4364-02	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
BF139777.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	1500	J			15.392	

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-01-1.0-1.5	SDG No.:	BF101124
Lab Sample ID:	P4364-01	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
BF139778.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	92.5	U	92.5	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	U	96	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96.9	U	96.9	150	200	ug/Kg
95-57-8	2-Chlorophenol	96.7	U	96.7	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.9	U	97.9	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.6	U	99.6	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.1	U	96.1	310	380	ug/Kg
95-48-7	2-Methylphenol	93.3	U	93.3	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	92.4	U	92.4	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.7	U	46.7	92.6	92.6	ug/Kg
67-72-1	Hexachloroethane	96.1	U	96.1	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	97.9	U	97.9	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	99.3	U	99.3	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.4	U	87.4	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	98.9	U	98.9	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	400		95.6	150	200	ug/Kg
106-47-8	4-Chloroaniline	95.6	U	95.6	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.4	U	96.4	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-01-1.0-1.5	SDG No.:	BF101124
Lab Sample ID:	P4364-01	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
BF139778.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

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	89.7	U	89.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	210		95.5	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.7	U	82.7	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85.7	U	85.7	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.4	U	96.4	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	94.6	U	94.6	150	200	ug/Kg
208-96-8	Acenaphthylene	500		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.3	U	96.3	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	370		93.9	150	200	ug/Kg
Total PAH	Total PAH	39600		1536.2	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	280		97.7	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.1	U	196.1	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	150	200	ug/Kg
84-66-2	Diethylphthalate	92.7	U	92.7	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.1	U	99.1	150	200	ug/Kg
86-73-7	Fluorene	530		99	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	94.5	U	94.5	150	200	ug/Kg
103-33-3	Azobenzene	92.2	U	92.2	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.3	U	91.3	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.4	U	98.4	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-01-1.0-1.5	SDG No.:	BF101124
Lab Sample ID:	P4364-01	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
BF139778.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.5	U	89.5	310	380	ug/Kg
85-01-8	Phenanthrene	4400	E	97.3	150	200	ug/Kg
120-12-7	Anthracene	1200		97.7	150	200	ug/Kg
86-74-8	Carbazole	600		93	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	97.6	U	97.6	150	200	ug/Kg
206-44-0	Fluoranthene	6300	E	94.6	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	5100	E	96.1	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	3700	E	93.4	150	200	ug/Kg
218-01-9	Chrysene	3200	E	92	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	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	4100	E	93.9	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		95.6	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	3500	E	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		90.4	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	700		94	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300		92.7	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	86.5	U	86.5	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	180	J	96.3	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.948		18-112		65	SPK: -150
13127-88-3	Phenol-d6	84.836		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	65.651		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	66.382		20-109		66	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-01-1.0-1.5	SDG No.:	BF101124
Lab Sample ID:	P4364-01	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
BF139778.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.02		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	63.719		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64870	6.869				
1146-65-2	Naphthalene-d8	202554	8.151				
15067-26-2	Acenaphthene-d10	100848	9.904				
1517-22-2	Phenanthrene-d10	196932	11.392				
1719-03-5	Chrysene-d12	133157	14.045				
1520-96-3	Perylene-d12	103799	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4100	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.081	
000100-42-5	Styrene	160	J			5.71	
000100-80-1	Benzene, 1-ethenyl-3-methyl-	290	J			6.698	
010147-11-2	1-Propyne, 3-phenyl-	160	J			7.134	
006263-65-6	Benzenemethanethiol, .alpha.-methy	260	J			7.728	
000527-84-4	o-Cymene	200	J			8.363	
000099-87-6	p-Cymene	220	J			8.422	
000575-37-1	Naphthalene, 1,7-dimethyl-	160	J			9.486	
000573-98-8	Naphthalene, 1,2-dimethyl-	190	J			9.563	
000544-76-3	Hexadecane	260	J			10.328	
	unknown10.539	140	J			10.539	
002531-84-2	Phenanthrene, 2-methyl-	210	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	250	J			12.01	
002381-21-7	Pyrene, 1-methyl-	130	J			13.057	
000238-84-6	11H-Benzo[a]fluorene	210	J			13.163	
003353-12-6	Pyrene, 4-methyl-	130	J			13.269	
000082-05-3	7H-Benz[de]anthracen-7-one	130	J			13.886	
000192-97-2	Benzo[e]pyrene	710	J			15.198	

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-01-1.0-1.5	SDG No.:	BF101124
Lab Sample ID:	P4364-01	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
BF139778.D	1	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	2000	J			15.398	

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN8	SDG No.:	BF101124
Lab Sample ID:	P4264-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139779.D	2	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	360	440	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	180	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.3	U	54.3	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	180	230	ug/Kg
78-59-1	Isophorone	110	U	110	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	180	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN8	SDG No.:	BF101124
Lab Sample ID:	P4264-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139779.D	2	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96.1	U	96.1	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.6	U	99.6	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	310		120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	12580	U	1800	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	360	440	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	180	230	ug/Kg
1912-24-9	Atrazine	120	U	120	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN8	SDG No.:	BF101124
Lab Sample ID:	P4264-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139779.D	2	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	1200		110	180	230	ug/Kg
120-12-7	Anthracene	330		110	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	2000		110	180	230	ug/Kg
206-44-0	Fluoranthene	2100		110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	1700		110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	1100		110	180	230	ug/Kg
218-01-9	Chrysene	1100		110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600		120	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	460		110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	1200		130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	650		110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	J	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	34.807		18-112		23	SPK: -150
13127-88-3	Phenol-d6	30.172		15-107		20	SPK: -150
4165-60-0	Nitrobenzene-d5	22.179		18-107		22	SPK: -100
321-60-8	2-Fluorobiphenyl	23.945		20-109		24	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DCYN8	SDG No.:	BF101124
Lab Sample ID:	P4264-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	25.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139779.D	2	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	32.149		10-116		21	SPK: -150
1718-51-0	Terphenyl-d14	21.836		10-105		22	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72993	6.869				
1146-65-2	Naphthalene-d8	237933	8.151				
15067-26-2	Acenaphthene-d10	118021	9.904				
1517-22-2	Phenanthrene-d10	226057	11.392				
1719-03-5	Chrysene-d12	165384	14.033				
1520-96-3	Perylene-d12	117287	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3400	J			2.128	
000300-57-2	Benzene, 2-propenyl-	190	J			6.698	
006263-65-6	Benzenemethanethiol, .alpha.-methy	430	J			7.728	
000527-84-4	o-Cymene	240	J			8.363	
000099-87-6	p-Cymene	280	J			8.422	
	unknown8.857	300	J			8.857	
000119-61-9	Benzophenone	270	J			10.616	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	510	J			12.004	
000781-43-1	9,10-Dimethylanthracene	280	J			12.445	
005737-13-3	Cyclopenta(def)phenanthrenone	200	J			12.527	
033543-31-6	Fluoranthene, 2-methyl-	210	J			13.051	
000243-17-4	11H-Benzo[b]fluorene	300	J			13.157	
000192-97-2	Benzo[e]pyrene	570	J			15.386	

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:	CF-400-COMP-43	SDG No.:	BF101124
Lab Sample ID:	P4353-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
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
BF139780.D	2	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.9	U	51.9	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	97.2	U	97.2	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	CF-400-COMP-43	SDG No.:	BF101124
Lab Sample ID:	P4353-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
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
BF139780.D	2	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.8	U	99.8	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.9	U	91.9	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.3	U	95.3	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1700	U	1700	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	CF-400-COMP-43	SDG No.:	BF101124
Lab Sample ID:	P4353-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
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
BF139780.D	2	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.5	U	99.5	350	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	120	J	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	180	J	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	100	170	220	ug/Kg
218-01-9	Chrysene	130	J	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96.2	U	96.2	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.3		18-112		68	SPK: -150
13127-88-3	Phenol-d6	90.24		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	63.696		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	71.536		20-109		72	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:	CF-400-COMP-43	SDG No.:	BF101124
Lab Sample ID:	P4353-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
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
BF139780.D	2	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163997

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.59		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	68.944		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65897	6.869				
1146-65-2	Naphthalene-d8	216244	8.151				
15067-26-2	Acenaphthene-d10	107983	9.904				
1517-22-2	Phenanthrene-d10	216876	11.392				
1719-03-5	Chrysene-d12	151342	14.033				
1520-96-3	Perylene-d12	110446	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2800	J			2.128	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.075	
000119-61-9	Benzophenone	140	J			10.616	
000057-10-3	n-Hexadecanoic acid	350	J			11.916	
000781-43-1	9,10-Dimethylanthracene	88.4	J			12.445	
002381-21-7	Pyrene, 1-methyl-	94.8	J			13.051	
033543-31-6	Fluoranthene, 2-methyl-	110	J			13.157	
	unknown13.886	110	J			13.886	
000112-84-5	13-Docosenamide, (Z)-	240	J			14.786	

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:	HD-01-100924MSD	SDG No.:	BF101124
Lab Sample ID:	P4377-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139781.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		290	890	1100	ug/Kg
110-86-1	Pyridine	1000		260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	630		320	430	560	ug/Kg
108-95-2	Phenol	1100		270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		280	430	560	ug/Kg
95-57-8	2-Chlorophenol	1100		280	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		290	430	560	ug/Kg
100-51-6	Benzyl Alcohol	970	J	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	1000		270	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		300	430	560	ug/Kg
98-86-2	Acetophenone	1200		290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	1000	J	260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		130	260	260	ug/Kg
67-72-1	Hexachloroethane	780		270	430	560	ug/Kg
98-95-3	Nitrobenzene	1000		300	430	560	ug/Kg
78-59-1	Isophorone	1100		280	430	560	ug/Kg
88-75-5	2-Nitrophenol	710		310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	1100		270	430	560	ug/Kg
106-47-8	4-Chloroaniline	700		270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	1000		280	430	560	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:	HD-01-100924MSD	SDG No.:	BF101124
Lab Sample ID:	P4377-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139781.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000	J	290	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950		260	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	1100		270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		240	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	1200		290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	1100		280	430	560	ug/Kg
88-74-4	2-Nitroaniline	1200		310	430	560	ug/Kg
131-11-3	Dimethylphthalate	1200		270	430	560	ug/Kg
208-96-8	Acenaphthylene	1200		290	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	810		280	430	560	ug/Kg
99-09-2	3-Nitroaniline	1100		300	430	560	ug/Kg
83-32-9	Acenaphthene	1400		270	430	560	ug/Kg
Total PAH	Total PAH	44100		4390	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	1900		380	890	1100	ug/Kg
132-64-9	Dibenzofuran	1300		280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	610		570	430	1120	ug/Kg
121-14-2	2,4-Dinitrotoluene	800		290	430	560	ug/Kg
84-66-2	Diethylphthalate	1200		270	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		280	430	560	ug/Kg
86-73-7	Fluorene	1500		280	430	560	ug/Kg
100-01-6	4-Nitroaniline	1400		350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		270	430	560	ug/Kg
103-33-3	Azobenzene	1200		260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	1000		280	430	560	ug/Kg
1912-24-9	Atrazine	1400		300	430	560	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:	HD-01-100924MSD	SDG No.:	BF101124
Lab Sample ID:	P4377-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139781.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1600		260	890	1100	ug/Kg
85-01-8	Phenanthrene	3500		280	430	560	ug/Kg
120-12-7	Anthracene	2000		280	430	560	ug/Kg
86-74-8	Carbazole	1500		270	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	1200		280	430	560	ug/Kg
206-44-0	Fluoranthene	6300		270	430	560	ug/Kg
92-87-5	Benzidine	1300		540	890	1100	ug/Kg
129-00-0	Pyrene	5000		270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	1400		320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	810	J	330	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	3600		270	430	560	ug/Kg
218-01-9	Chrysene	3300		260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000		270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100		270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	3500		310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		270	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		290	430	560	ug/Kg
123-91-1	1,4-Dioxane	1100		360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	1000		280	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.71		18-112		84	SPK: -150
13127-88-3	Phenol-d6	111.025		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	77.66		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	84.765		20-109		85	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:	HD-01-100924MSD	SDG No.:	BF101124
Lab Sample ID:	P4377-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.02 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
BF139781.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.095		10-116		79	SPK: -150
1718-51-0	Terphenyl-d14	89.445		10-105		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61918	6.869				
1146-65-2	Naphthalene-d8	202067	8.151				
15067-26-2	Acenaphthene-d10	100572	9.904				
1517-22-2	Phenanthrene-d10	203523	11.392				
1719-03-5	Chrysene-d12	136605	14.039				
1520-96-3	Perylene-d12	104487	15.509				

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:	HD-01-100924MS	SDG No.:	BF101124
Lab Sample ID:	P4377-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139782.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		290	890	1100	ug/Kg
110-86-1	Pyridine	1100		260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	680		320	430	560	ug/Kg
108-95-2	Phenol	1100		270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		280	430	560	ug/Kg
95-57-8	2-Chlorophenol	1100		280	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		290	430	560	ug/Kg
100-51-6	Benzyl Alcohol	1000	J	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	1000		270	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		300	430	560	ug/Kg
98-86-2	Acetophenone	1300		290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	1100		260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		130	260	260	ug/Kg
67-72-1	Hexachloroethane	770		270	430	560	ug/Kg
98-95-3	Nitrobenzene	1100		300	430	560	ug/Kg
78-59-1	Isophorone	1200		280	430	560	ug/Kg
88-75-5	2-Nitrophenol	750		310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	1200		270	430	560	ug/Kg
106-47-8	4-Chloroaniline	780		270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	1200		280	430	560	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:	HD-01-100924MS	SDG No.:	BF101124
Lab Sample ID:	P4377-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139782.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		290	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		260	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	1100		270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		240	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	1200		290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	1200		280	430	560	ug/Kg
88-74-4	2-Nitroaniline	1300		310	430	560	ug/Kg
131-11-3	Dimethylphthalate	1300		270	430	560	ug/Kg
208-96-8	Acenaphthylene	1300		290	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	830		280	430	560	ug/Kg
99-09-2	3-Nitroaniline	1200		300	430	560	ug/Kg
83-32-9	Acenaphthene	1500		270	430	560	ug/Kg
Total PAH	Total PAH	46500		4390	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	2000		380	890	1100	ug/Kg
132-64-9	Dibenzofuran	1400		280	430	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	820		290	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	650		570	430	1120	ug/Kg
84-66-2	Diethylphthalate	1300		270	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		280	430	560	ug/Kg
86-73-7	Fluorene	1500		280	430	560	ug/Kg
100-01-6	4-Nitroaniline	1600		350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		270	430	560	ug/Kg
103-33-3	Azobenzene	1200		260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	1100		280	430	560	ug/Kg
1912-24-9	Atrazine	1500		300	430	560	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:	HD-01-100924MS	SDG No.:	BF101124
Lab Sample ID:	P4377-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139782.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1600		260	890	1100	ug/Kg
85-01-8	Phenanthrene	3700		280	430	560	ug/Kg
120-12-7	Anthracene	2100		280	430	560	ug/Kg
86-74-8	Carbazole	1600		270	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	1300		280	430	560	ug/Kg
206-44-0	Fluoranthene	6700		270	430	560	ug/Kg
92-87-5	Benzidine	1500		540	890	1100	ug/Kg
129-00-0	Pyrene	5400		270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	1600		320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000	J	330	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	3900		270	430	560	ug/Kg
218-01-9	Chrysene	3500		260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000		270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	3700		310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2200		270	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		290	430	560	ug/Kg
123-91-1	1,4-Dioxane	1200		360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	1100		280	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.11		18-112		87	SPK: -150
13127-88-3	Phenol-d6	116.12		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	84.13		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	91.47		20-109		91	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:	HD-01-100924MS	SDG No.:	BF101124
Lab Sample ID:	P4377-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF139782.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.815		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	96.305		10-105		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61500	6.869				
1146-65-2	Naphthalene-d8	198080	8.151				
15067-26-2	Acenaphthene-d10	98766	9.904				
1517-22-2	Phenanthrene-d10	198414	11.392				
1719-03-5	Chrysene-d12	130018	14.039				
1520-96-3	Perylene-d12	101736	15.51				

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:	HD-01-100924	SDG No.:	BF101124
Lab Sample ID:	P4377-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139783.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	890	1100	ug/Kg
110-86-1	Pyridine	260	U	260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	560	ug/Kg
108-95-2	Phenol	270	U	270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	430	560	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	430	560	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	560	ug/Kg
98-86-2	Acetophenone	290	U	290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	430	560	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	560	ug/Kg
78-59-1	Isophorone	280	U	280	430	560	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	560	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	430	560	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:	HD-01-100924	SDG No.:	BF101124
Lab Sample ID:	P4377-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139783.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	430	560	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	290	U	290	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	430	560	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	430	560	ug/Kg
83-32-9	Acenaphthene	370	J	270	430	560	ug/Kg
Total PAH	Total PAH	32780		4390	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	890	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	430	1120	ug/Kg
84-66-2	Diethylphthalate	270	U	270	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	330	J	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	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:	HD-01-100924	SDG No.:	BF101124
Lab Sample ID:	P4377-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139783.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	890	1100	ug/Kg
85-01-8	Phenanthrene	2900		280	430	560	ug/Kg
120-12-7	Anthracene	870		280	430	560	ug/Kg
86-74-8	Carbazole	370	J	270	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	6200		270	430	560	ug/Kg
92-87-5	Benzidine	540	U	540	890	1100	ug/Kg
129-00-0	Pyrene	5000		270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	3200		270	430	560	ug/Kg
218-01-9	Chrysene	2600		260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400		270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	3000		310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	410	J	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		270	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	430	560	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	154.495		18-112		103	SPK: -150
13127-88-3	Phenol-d6	142.035		15-107		95	SPK: -150
4165-60-0	Nitrobenzene-d5	94.88		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	108.005		20-109		108	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:	HD-01-100924	SDG No.:	BF101124
Lab Sample ID:	P4377-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139783.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.31		10-116		92	SPK: -150
1718-51-0	Terphenyl-d14	112.325	*	10-105		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62245	6.869				
1146-65-2	Naphthalene-d8	203698	8.151				
15067-26-2	Acenaphthene-d10	101884	9.904				
1517-22-2	Phenanthrene-d10	199392	11.392				
1719-03-5	Chrysene-d12	126817	14.033				
1520-96-3	Perylene-d12	98730	15.516				
TENTATIVE IDENTIFIED COMPOUNDS							
000544-76-3	Hexadecane	230	J			9.298	
000629-59-4	Tetradecane	280	J			9.828	
000629-62-9	Pentadecane	450	J			10.328	
000119-61-9	Benzophenone	260	J			10.61	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	560	J			10.804	
000112-95-8	Eicosane	410	J			11.251	
000248-13-5	Azuleno(2,1-b)thiophene	260	J			11.281	
000613-12-7	Anthracene, 2-methyl-	380	J			11.892	
002531-84-2	Phenanthrene, 2-methyl-	700	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1000	J			12.01	
000593-49-7	Heptacosane	330	J			12.081	
000612-94-2	Naphthalene, 2-phenyl-	260	J			12.186	
000084-65-1	9,10-Anthracenedione	270	J			12.216	
	unknown12.475	600	J			12.475	
002381-21-7	Pyrene, 1-methyl-	310	J			13.051	
000243-17-4	11H-Benzo[b]fluorene	600	J			13.163	
000238-84-6	11H-Benzo[a]fluorene	230	J			13.227	
003353-12-6	Pyrene, 4-methyl-	230	J			13.269	
000192-97-2	Benzo[e]pyrene	1700	J			15.386	

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:	HD-01-100924	SDG No.:	BF101124
Lab Sample ID:	P4377-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139783.D	5	10/10/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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-03-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF139784.D	5	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	470	U	470	1400	1800	ug/Kg
110-86-1	Pyridine	430	U	430	700	910	ug/Kg
100-52-7	Benzaldehyde	980	U	980	1400	1800	ug/Kg
62-53-3	Aniline	520	U	520	700	910	ug/Kg
108-95-2	Phenol	440	U	440	700	910	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	450	U	450	700	910	ug/Kg
95-57-8	2-Chlorophenol	450	U	450	700	910	ug/Kg
95-50-1	1,2-Dichlorobenzene	450	U	450	700	910	ug/Kg
541-73-1	1,3-Dichlorobenzene	460	U	460	700	910	ug/Kg
106-46-7	1,4-Dichlorobenzene	460	U	460	700	910	ug/Kg
100-51-6	Benzyl Alcohol	450	U	450	1400	1800	ug/Kg
95-48-7	2-Methylphenol	430	U	430	700	910	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	490	U	490	700	910	ug/Kg
98-86-2	Acetophenone	470	U	470	700	910	ug/Kg
65794-96-9	3+4-Methylphenols	430	U	430	1400	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	220	U	220	430	430	ug/Kg
67-72-1	Hexachloroethane	450	U	450	700	910	ug/Kg
98-95-3	Nitrobenzene	490	U	490	700	910	ug/Kg
78-59-1	Isophorone	450	U	450	700	910	ug/Kg
88-75-5	2-Nitrophenol	510	U	510	700	910	ug/Kg
105-67-9	2,4-Dimethylphenol	500	U	500	700	910	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	460	U	460	700	910	ug/Kg
120-83-2	2,4-Dichlorophenol	410	U	410	700	910	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	460	U	460	700	910	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1400	1800	ug/Kg
91-20-3	Naphthalene	440	U	440	700	910	ug/Kg
106-47-8	4-Chloroaniline	440	U	440	700	910	ug/Kg
87-68-3	Hexachlorobutadiene	450	U	450	700	910	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-03-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BF139784.D	5	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	470	U	470	1400	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	420	U	420	700	910	ug/Kg
91-57-6	2-Methylnaphthalene	440	U	440	700	910	ug/Kg
77-47-4	Hexachlorocyclopentadiene	840	U	840	1400	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	380	U	380	700	910	ug/Kg
95-95-4	2,4,5-Trichlorophenol	400	U	400	700	910	ug/Kg
92-52-4	1,1-Biphenyl	470	U	470	700	910	ug/Kg
91-58-7	2-Chloronaphthalene	450	U	450	700	910	ug/Kg
88-74-4	2-Nitroaniline	510	U	510	700	910	ug/Kg
131-11-3	Dimethylphthalate	440	U	440	700	910	ug/Kg
208-96-8	Acenaphthylene	460	U	460	700	910	ug/Kg
606-20-2	2,6-Dinitrotoluene	450	U	450	700	910	ug/Kg
99-09-2	3-Nitroaniline	480	U	480	700	910	ug/Kg
83-32-9	Acenaphthene	440	U	440	700	910	ug/Kg
Total PAH	Total PAH	7120	U	7120	700	14560	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1400	1800	ug/Kg
100-02-7	4-Nitrophenol	620	U	620	1400	1800	ug/Kg
132-64-9	Dibenzofuran	450	U	450	700	910	ug/Kg
121-14-2	2,4-Dinitrotoluene	460	U	460	700	910	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	910	U	910	700	1820	ug/Kg
84-66-2	Diethylphthalate	430	U	430	700	910	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	460	U	460	700	910	ug/Kg
86-73-7	Fluorene	460	U	460	700	910	ug/Kg
100-01-6	4-Nitroaniline	570	U	570	700	910	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	630	U	630	1400	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	440	U	440	700	910	ug/Kg
103-33-3	Azobenzene	430	U	430	700	910	ug/Kg
101-55-3	4-Bromophenyl-phenylether	420	U	420	700	910	ug/Kg
118-74-1	Hexachlorobenzene	460	U	460	700	910	ug/Kg
1912-24-9	Atrazine	490	U	490	700	910	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-03-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BF139784.D	5	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	410	U	410	1400	1800	ug/Kg
85-01-8	Phenanthrene	450	U	450	700	910	ug/Kg
120-12-7	Anthracene	450	U	450	700	910	ug/Kg
86-74-8	Carbazole	430	U	430	700	910	ug/Kg
84-74-2	Di-n-butylphthalate	450	U	450	700	910	ug/Kg
206-44-0	Fluoranthene	540	J	440	700	910	ug/Kg
92-87-5	Benzidine	870	U	870	1400	1800	ug/Kg
129-00-0	Pyrene	550	J	450	700	910	ug/Kg
85-68-7	Butylbenzylphthalate	520	U	520	700	910	ug/Kg
91-94-1	3,3-Dichlorobenzidine	530	U	530	1400	1800	ug/Kg
56-55-3	Benzo(a)anthracene	430	U	430	700	910	ug/Kg
218-01-9	Chrysene	430	U	430	700	910	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	490	U	490	700	910	ug/Kg
117-84-0	Di-n-octyl phthalate	590	U	590	1400	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	440	U	440	700	910	ug/Kg
207-08-9	Benzo(k)fluoranthene	440	U	440	700	910	ug/Kg
50-32-8	Benzo(a)pyrene	500	U	500	700	910	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	U	420	700	910	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440	U	440	700	910	ug/Kg
191-24-2	Benzo(g,h,i)perylene	430	U	430	700	910	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	470	U	470	700	910	ug/Kg
123-91-1	1,4-Dioxane	590	U	590	700	910	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	400	700	910	ug/Kg
90-12-0	1-Methylnaphthalene	450	U	450	910	910	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.125		18-112		70	SPK: -150
13127-88-3	Phenol-d6	86.365		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	60.18		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	69.285		20-109		69	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-03-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BF139784.D	5	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	77.545		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58355	6.869				
1146-65-2	Naphthalene-d8	188402	8.151				
15067-26-2	Acenaphthene-d10	96219	9.904				
1517-22-2	Phenanthrene-d10	202295	11.392				
1719-03-5	Chrysene-d12	124604	14.033				
1520-96-3	Perylene-d12	93962	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	690	J			11.916	

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-02-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.1
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF139785.D	5	10/9/2024 12:00:00 AM	10/11/2024 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-02-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-05	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
BF139785.D	5	10/9/2024 12:00:00 AM	10/11/2024 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	550	J	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	18980	U	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-02-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-05	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
BF139785.D	5	10/9/2024 12:00:00 AM	10/11/2024 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	2400		480	740	970	ug/Kg
120-12-7	Anthracene	480	J	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	3000		460	740	970	ug/Kg
92-87-5	Benzidine	930	U	930	1500	1900	ug/Kg
129-00-0	Pyrene	3500		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	1700		460	740	970	ug/Kg
218-01-9	Chrysene	1700		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		460	740	970	ug/Kg
207-08-9	Benzo(k)fluoranthene	600	J	470	740	970	ug/Kg
50-32-8	Benzo(a)pyrene	1600		530	740	970	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	750	J	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	1000		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	105.345		18-112		70	SPK: -150
13127-88-3	Phenol-d6	91.09		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	61.335		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	66.7		20-109		67	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-02-2.0-2.5	SDG No.:	BF101124
Lab Sample ID:	P4364-05	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
BF139785.D	5	10/9/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB164005

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.525		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	72.815		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53843	6.869				
1146-65-2	Naphthalene-d8	176510	8.151				
15067-26-2	Acenaphthene-d10	95756	9.904				
1517-22-2	Phenanthrene-d10	193768	11.392				
1719-03-5	Chrysene-d12	118131	14.033				
1520-96-3	Perylene-d12	91773	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
006263-65-6	Benzenemethanethiol, .alpha.-methy	860	J			7.728	
000527-84-4	o-Cymene	450	J			8.363	
000099-87-6	p-Cymene	540	J			8.422	
000779-02-2	Anthracene, 9-methyl-	760	J			11.892	
002531-84-2	Phenanthrene, 2-methyl-	860	J			11.922	
000832-64-4	Phenanthrene, 4-methyl-	830	J			12.004	
003674-66-6	Phenanthrene, 2,5-dimethyl-	430	J			12.339	
000781-43-1	9,10-Dimethylanthracene	1000	J			12.445	
001576-67-6	Phenanthrene, 3,6-dimethyl-	680	J			12.475	
052251-71-5	Anthracene, 2-ethyl-	450	J			12.533	
003674-73-5	Phenanthrene, 2,3,5-trimethyl-	460	J			12.892	
002381-21-7	Pyrene, 1-methyl-	830	J			13.057	
000243-17-4	11H-Benzo[b]fluorene	770	J			13.157	
003353-12-6	Pyrene, 4-methyl-	480	J			13.269	
003442-78-2	Pyrene, 2-methyl-	400	J			13.363	

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DCYN8								
P4264-04	DCYN8	Solid	11H-Benzo[b]fluorene	*	300.000	J		
P4264-04	DCYN8	Solid	9,10-Dimethylanthracene	*	280.000	J		
P4264-04	DCYN8	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	510.000	J		
P4264-04	DCYN8	Solid	Benzene, 2-propenyl-	*	190.000	J		
P4264-04	DCYN8	Solid	Benzenemethanethiol, .alpha.-met	*	430.000	J		
P4264-04	DCYN8	Solid	Benzo[e]pyrene	*	570.000	J		
P4264-04	DCYN8	Solid	Benzophenone	*	270.000	J		
P4264-04	DCYN8	Solid	Butane, 2-methoxy-2-methyl-	*	3,400.000	J		
P4264-04	DCYN8	Solid	Cyclopenta(def)phenanthrenone	*	200.000	J		
P4264-04	DCYN8	Solid	Fluoranthene, 2-methyl-	*	210.000	J		
P4264-04	DCYN8	Solid	o-Cymene	*	240.000	J		
P4264-04	DCYN8	Solid	p-Cymene	*	280.000	J		
P4264-04	DCYN8	Solid	unknown8.857	*	300.000	J		
			Total Tics :		7,180.00			
P4264-04	DCYN8	Solid	Acenaphthylene		310.000	120	230	ug/Kg
P4264-04	DCYN8	Solid	Anthracene		330.000	110	230	ug/Kg
P4264-04	DCYN8	Solid	Benzo(a)anthracene		1,100.000	110	230	ug/Kg
P4264-04	DCYN8	Solid	Benzo(a)pyrene		1,200.000	130	230	ug/Kg
P4264-04	DCYN8	Solid	Benzo(b)fluoranthene		1,400.000	110	230	ug/Kg
P4264-04	DCYN8	Solid	Benzo(g,h,i)perylene		830.000	110	230	ug/Kg
P4264-04	DCYN8	Solid	Benzo(k)fluoranthene		460.000	110	230	ug/Kg
P4264-04	DCYN8	Solid	Bis(2-ethylhexyl)phthalate		2,600.000	120	230	ug/Kg
P4264-04	DCYN8	Solid	Chrysene		1,100.000	110	230	ug/Kg
P4264-04	DCYN8	Solid	Di-n-butylphthalate		2,000.000	110	230	ug/Kg
P4264-04	DCYN8	Solid	Dibenzo(a,h)anthracene		200.000	J 110	230	ug/Kg
P4264-04	DCYN8	Solid	Fluoranthene		2,100.000	110	230	ug/Kg
P4264-04	DCYN8	Solid	Indeno(1,2,3-cd)pyrene		650.000	110	230	ug/Kg
P4264-04	DCYN8	Solid	Phenanthrene		1,200.000	110	230	ug/Kg
P4264-04	DCYN8	Solid	Pyrene		1,700.000	110	230	ug/Kg
			Total Svoc :		17,180.00			
			Total Concentration:		24,360.00			
Client ID : CF-400-COMP-43								
P4353-01	CF-400-COMP-43	Solid	13-Docosenamide, (Z)-	*	240.000	J		
P4353-01	CF-400-COMP-43	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P4353-01	CF-400-COMP-43	Solid	9,10-Dimethylanthracene	*	88.400	J		
P4353-01	CF-400-COMP-43	Solid	Benzophenone	*	140.000	J		
P4353-01	CF-400-COMP-43	Solid	Butane, 2-methoxy-2-methyl-	*	2,800.000	J		

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4353-01	CF-400-COMP-43	Solid	Fluoranthene, 2-methyl-	*	110.000	J		
P4353-01	CF-400-COMP-43	Solid	n-Hexadecanoic acid	*	350.000	J		
P4353-01	CF-400-COMP-43	Solid	Pyrene, 1-methyl-	*	94.800	J		
P4353-01	CF-400-COMP-43	Solid	unknown13.886	*	110.000	J		
Total Tics :				4,043.20				
P4353-01	CF-400-COMP-43	Solid	Benzo(a)anthracene		120.000	J 100	220	ug/Kg
P4353-01	CF-400-COMP-43	Solid	Benzo(a)pyrene		120.000	J 120	220	ug/Kg
P4353-01	CF-400-COMP-43	Solid	Benzo(b)fluoranthene		120.000	J 100	220	ug/Kg
P4353-01	CF-400-COMP-43	Solid	Chrysene		130.000	J 100	220	ug/Kg
P4353-01	CF-400-COMP-43	Solid	Fluoranthene		120.000	J 110	220	ug/Kg
P4353-01	CF-400-COMP-43	Solid	Pyrene		180.000	J 110	220	ug/Kg
Total Svoc :				790.00				
Total Concentration:				4,833.20				

Client ID : SB-01-1.0-1.5

P4364-01	SB-01-1.0-1.5	Solid	1-Propyne, 3-phenyl-	*	160.000	J		
P4364-01	SB-01-1.0-1.5	Solid	1H-Benzo[a]fluorene	*	210.000	J		
P4364-01	SB-01-1.0-1.5	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P4364-01	SB-01-1.0-1.5	Solid	4H-Cyclopenta[def]phenanthrene	*	250.000	J		
P4364-01	SB-01-1.0-1.5	Solid	7H-Benz[de]anthracen-7-one	*	130.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Benzene, 1-ethenyl-3-methyl-	*	290.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Benzenemethanethiol, .alpha.-met	*	260.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Benzo[e]pyrene	*	710.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Butane, 2-methoxy-2-methyl-	*	4,100.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Hexadecane	*	260.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Naphthalene, 1,2-dimethyl-	*	190.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Naphthalene, 1,7-dimethyl-	*	160.000	J		
P4364-01	SB-01-1.0-1.5	Solid	o-Cymene	*	200.000	J		
P4364-01	SB-01-1.0-1.5	Solid	p-Cymene	*	220.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Perylene	*	2,000.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Phenanthrene, 2-methyl-	*	210.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Pyrene, 1-methyl-	*	130.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Pyrene, 4-methyl-	*	130.000	J		
P4364-01	SB-01-1.0-1.5	Solid	Styrene	*	160.000	J		
P4364-01	SB-01-1.0-1.5	Solid	unknown10.539	*	140.000	J		
Total Tics :				10,120.00				
P4364-01	SB-01-1.0-1.5	Solid	1-Methylnaphthalene		180.000	J 96.3	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	2-Methylnaphthalene		210.000	95.5	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Acenaphthene		370.000	93.9	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Acenaphthylene		500.000	100	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Anthracene		1,200.000	97.7	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4364-01	SB-01-1.0-1.5	Solid	Benzo(a)anthracene	3,700.000	E	93.4	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Benzo(a)pyrene	3,500.000	E	110	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Benzo(b)fluoranthene	4,100.000	E	93.9	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Benzo(g,h,i)perylene	2,300.000		92.7	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Benzo(k)fluoranthene	1,400.000		95.6	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Bis(2-ethylhexyl)phthalate	110.000	J	110	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Carbazole	600.000		93	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Chrysene	3,200.000	E	92	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Dibenzo(a,h)anthracene	700.000		94	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Dibenzofuran	280.000		97.7	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Fluoranthene	6,300.000	E	94.6	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Fluorene	530.000		99	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Indeno(1,2,3-cd)pyrene	1,900.000		90.4	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Naphthalene	400.000		95.6	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Phenanthrene	4,400.000	E	97.3	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Pyrene	5,100.000	E	96.1	200	ug/Kg
P4364-01	SB-01-1.0-1.5	Solid	Total PAH	39,600.000		1536.2	3200	ug/Kg

Total Svoc : 80,580.00

Total Concentration: 90,700.00

Client ID : SB-01-2.5-3.0

P4364-02	SB-01-2.5-3.0	Solid	11H-Benzo[b]fluorene	*	210.000	J	
P4364-02	SB-01-2.5-3.0	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	230.000	A	
P4364-02	SB-01-2.5-3.0	Solid	4H-Cyclopenta[def]phenanthrene	*	420.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Anthracene, 2-methyl-	*	190.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Benzene, 1-ethenyl-3-methyl-	*	220.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Benzo[e]pyrene	*	1,500.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Benzophenone	*	460.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Butane, 2-methoxy-2-methyl-	*	4,700.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Fluoranthene, 2-methyl-	*	370.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Naphthalene, 1,2-dimethyl-	*	320.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Naphthalene, 1,4,6-trimethyl-	*	520.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Naphthalene, 1,6,7-trimethyl-	*	280.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Naphthalene, 1,6-dimethyl-	*	260.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Naphthalene, 2,3-dimethyl-	*	510.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Naphthalene, 2,6-dimethyl-	*	390.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Phenanthrene, 2,5-dimethyl-	*	230.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Phenanthrene, 2-methyl-	*	290.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Pyrene, 1-methyl-	*	240.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Pyrene, 2-methyl-	*	200.000	J	
P4364-02	SB-01-2.5-3.0	Solid	Pyrene, 4-methyl-	*	260.000	J	

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	11,800.00				
P4364-02	SB-01-2.5-3.0	Solid	1,1-Biphenyl	140.000	J	99.4	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	1-Methylnaphthalene	310.000		94.7	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	2-Methylnaphthalene	360.000		93.9	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Acenaphthene	220.000		92.3	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Acenaphthylene	840.000		98.4	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Anthracene	1,000.000		96	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Benzo(a)anthracene	2,300.000		91.8	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Benzo(a)pyrene	2,400.000		110	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Benzo(b)fluoranthene	2,600.000		92.3	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Benzo(g,h,i)perylene	1,600.000		91.1	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Benzo(k)fluoranthene	790.000		94	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Carbazole	240.000		91.4	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Chrysene	2,400.000		90.5	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Dibenzo(a,h)anthracene	340.000		92.4	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Dibenzofuran	150.000	J	96	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Fluoranthene	4,600.000	E	93	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Fluorene	730.000		97.3	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Indeno(1,2,3-cd)pyrene	1,100.000		88.9	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Naphthalene	420.000		94	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Phenanthrene	4,600.000	E	95.6	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Pyrene	4,200.000	E	94.4	190	ug/Kg
P4364-02	SB-01-2.5-3.0	Solid	Total PAH	30,140.000		1512	3040	ug/Kg
			Total Svoc :	61,480.00				
			Total Concentration:	73,280.00				

Client ID : SB-01-4.25-4.83

P4364-03	SB-01-4.25-4.83	Solid	11H-Benzo[a]fluoren-11-one	*	210.000	J		
P4364-03	SB-01-4.25-4.83	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	280.000	A		
P4364-03	SB-01-4.25-4.83	Solid	9H-Fluoren-9-one	*	160.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Benzo[e]pyrene	*	430.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Butane, 2-methoxy-2-methyl-	*	3,900.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Decane, 1-iodo-	*	260.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Dibenzothiophene	*	220.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Eicosane	*	280.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Eicosane, 10-methyl-	*	200.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Heptacosane	*	410.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Hexadecane	*	150.000	J		
P4364-03	SB-01-4.25-4.83	Solid	n-Hexadecanoic acid	*	830.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Naphthalene, 1,2,3,4-tetramethyl-	*	280.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Naphthalene, 2,3-dimethyl-	*	290.000	J		

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4364-03	SB-01-4.25-4.83	Solid	Nonadecane	*	180.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Phenanthrene, 2,5-dimethyl-	*	260.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Phenanthrene, 4-methyl-	*	540.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Tetradecane	*	190.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Tridecane, 2-methyl-	*	700.000	J		
P4364-03	SB-01-4.25-4.83	Solid	Undecane, 6-ethyl-	*	350.000	J		
Total Tics :				10,120.00				
P4364-03	SB-01-4.25-4.83	Solid	1-Methylnaphthalene		230.000		96.3	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	2-Methylnaphthalene		250.000		95.5	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Acenaphthene		120.000	J	93.9	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Anthracene		340.000		97.7	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Benzo(a)anthracene		870.000		93.4	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Benzo(a)pyrene		820.000		110	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Benzo(b)fluoranthene		960.000		93.9	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Benzo(g,h,i)perylene		410.000		92.7	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Benzo(k)fluoranthene		390.000		95.6	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Carbazole		150.000	J	92.9	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Chrysene		840.000		92	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Dibenzo(a,h)anthracene		130.000	J	94	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Dibenzofuran		170.000	J	97.7	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Fluoranthene		1,300.000		94.6	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Fluorene		150.000	J	99	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Indeno(1,2,3-cd)pyrene		370.000		90.4	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Naphthalene		250.000		95.6	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Phenanthrene		1,400.000		97.2	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Pyrene		980.000		96.1	200 ug/Kg
P4364-03	SB-01-4.25-4.83	Solid	Total PAH		9,330.000		1536.1	3200 ug/Kg
Total Svoc :				19,460.00				
Total Concentration:				29,580.00				
Client ID :	SB-02-2.0-2.5							
P4364-05	SB-02-2.0-2.5	Solid	11H-Benzo[b]fluorene	*	770.000	J		
P4364-05	SB-02-2.0-2.5	Solid	9,10-Dimethylanthracene	*	1,000.000	J		
P4364-05	SB-02-2.0-2.5	Solid	Anthracene, 2-ethyl-	*	450.000	J		
P4364-05	SB-02-2.0-2.5	Solid	Anthracene, 9-methyl-	*	760.000	J		
P4364-05	SB-02-2.0-2.5	Solid	Benzenemethanethiol, .alpha.-met	*	860.000	J		
P4364-05	SB-02-2.0-2.5	Solid	o-Cymene	*	450.000	J		
P4364-05	SB-02-2.0-2.5	Solid	p-Cymene	*	540.000	J		
P4364-05	SB-02-2.0-2.5	Solid	Phenanthrene, 2,3,5-trimethyl-	*	460.000	J		
P4364-05	SB-02-2.0-2.5	Solid	Phenanthrene, 2,5-dimethyl-	*	430.000	J		
P4364-05	SB-02-2.0-2.5	Solid	Phenanthrene, 2-methyl-	*	860.000	J		

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4364-05	SB-02-2.0-2.5	Solid	Phenanthrene, 3,6-dimethyl-	*	680.000	J		
P4364-05	SB-02-2.0-2.5	Solid	Phenanthrene, 4-methyl-	*	830.000	J		
P4364-05	SB-02-2.0-2.5	Solid	Pyrene, 1-methyl-	*	830.000	J		
P4364-05	SB-02-2.0-2.5	Solid	Pyrene, 2-methyl-	*	400.000	J		
P4364-05	SB-02-2.0-2.5	Solid	Pyrene, 4-methyl-	*	480.000	J		
Total Tics :					9,800.00			
P4364-05	SB-02-2.0-2.5	Solid	Acenaphthylene		550.000	J	490	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Anthracene		480.000	J	480	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Benzo(a)anthracene		1,700.000		460	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Benzo(a)pyrene		1,600.000		530	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Benzo(b)fluoranthene		1,700.000		460	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Benzo(g,h,i)perylene		1,000.000		460	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Benzo(k)fluoranthene		600.000	J	470	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Chrysene		1,700.000		450	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Fluoranthene		3,000.000		460	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Indeno(1,2,3-cd)pyrene		750.000	J	440	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Phenanthrene		2,400.000		480	ug/Kg
P4364-05	SB-02-2.0-2.5	Solid	Pyrene		3,500.000		470	ug/Kg
Total Svoc :					18,980.00			
Total Concentration:					28,780.00			

Client ID : SB-02-4.5-5.0

P4364-06	SB-02-4.5-5.0	Solid	11H-Benzo[b]fluorene	*	280.000	J		
P4364-06	SB-02-4.5-5.0	Solid	1H-Indene, 1-methyl-	*	740.000	J		
P4364-06	SB-02-4.5-5.0	Solid	2-Methylindene	*	420.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Benzene, 1,3-dimethyl-5-(1-methy	*	670.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Benzene, 1,4-dimethyl-2-(1-methy	*	700.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Benzene, 1-ethenyl-3-methyl-	*	1,500.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Benzene, 1-ethenyl-4-methyl-	*	820.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Benzene, 2-ethenyl-1,4-dimethyl-	*	320.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Benzene, 4-ethenyl-1,2-dimethyl-	*	520.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Benzenemethanethiol, .alpha.-met	*	2,400.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Benzo[e]pyrene	*	670.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Benzophenone	*	360.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Butane, 2-methoxy-2-methyl-	*	4,100.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Indene	*	740.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Naphtho[1,2-b]norbornadiene	*	460.000	J		
P4364-06	SB-02-4.5-5.0	Solid	o-Cymene	*	1,900.000	J		
P4364-06	SB-02-4.5-5.0	Solid	p-Cymene	*	2,100.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Phenanthrene, 2,5-dimethyl-	*	350.000	J		
P4364-06	SB-02-4.5-5.0	Solid	Phenol, o-[(.alpha.-methylbenzyl):	*	670.000	J		

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4364-06	SB-02-4.5-5.0	Solid	Styrene	*	1,000.000	J		
Total Tics :				20,720.00				
P4364-06	SB-02-4.5-5.0	Solid	1-Methylnaphthalene	100.000	J	99.4	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	2-Methylnaphthalene	130.000	J	98.6	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Acenaphthylene	530.000		100	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Anthracene	280.000		100	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Benzo(a)anthracene	1,000.000		96.4	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Benzo(a)pyrene	950.000		110	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Benzo(b)fluoranthene	1,000.000		96.9	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Benzo(g,h,i)perylene	590.000		95.7	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Benzo(k)fluoranthene	400.000		98.7	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Chrysene	920.000		95	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Dibenzo(a,h)anthracene	170.000	J	97	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Fluoranthene	1,400.000		97.6	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Fluorene	130.000	J	100	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Indeno(1,2,3-cd)pyrene	450.000		93.3	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Naphthalene	200.000		98.7	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Phenanthrene	970.000		100	200	ug/Kg
P4364-06	SB-02-4.5-5.0	Solid	Pyrene	1,300.000		99.2	200	ug/Kg
Total Svoc :				10,520.00				
Total Concentration:				31,240.00				

Client ID : SB-03-0.167-0.667

P4364-07	SB-03-0.167-0.667	Solid	11H-Benzo[b]fluorene	*	130.000	J		
P4364-07	SB-03-0.167-0.667	Solid	2-Mercaptobenzothiazole	*	230.000	J		
P4364-07	SB-03-0.167-0.667	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	A		
P4364-07	SB-03-0.167-0.667	Solid	Anthracene, 2-methyl-	*	220.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Anthracene, 9-ethenyl-	*	120.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	640.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Benzene, 1-ethenyl-3-methyl-	*	130.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Benzenemethanethiol, .alpha.-met	*	210.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Benzo[e]pyrene	*	860.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Benzophenone	*	240.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Butane, 2-methoxy-2-methyl-	*	3,300.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Cyclopenta(def)phenanthrenone	*	200.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Dibenzothiophene	*	130.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Dodecane	*	180.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Naphthalene, 2-phenyl-	*	190.000	J		
P4364-07	SB-03-0.167-0.667	Solid	o-Cymene	*	140.000	J		
P4364-07	SB-03-0.167-0.667	Solid	p-Cymene	*	170.000	J		
P4364-07	SB-03-0.167-0.667	Solid	Phenanthrene, 2,5-dimethyl-	*	280.000	J		

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4364-07	SB-03-0.167-0.667	Solid	Pyrene, 1-methyl-	*	110.000	J		
P4364-07	SB-03-0.167-0.667	Solid	unknown10.322	*	140.000	J		
Total Tics :				7,780.00				
P4364-07	SB-03-0.167-0.667	Solid	Acenaphthene		100.000	J	90.3	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Acenaphthylene		200.000		96.3	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Anthracene		420.000		94	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Benzo(a)anthracene		1,500.000		89.9	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Benzo(a)pyrene		1,500.000		100	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Benzo(b)fluoranthene		1,700.000		90.3	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Benzo(g,h,i)perylene		910.000		89.2	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Benzo(k)fluoranthene		690.000		92	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Bis(2-ethylhexyl)phthalate		570.000		100	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Carbazole		170.000	J	89.4	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Chrysene		1,300.000		88.5	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Di-n-butylphthalate		400.000		93.9	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Dibenzo(a,h)anthracene		230.000		90.4	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Fluoranthene		2,700.000		91	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Fluorene		140.000	J	95.2	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Indeno(1,2,3-cd)pyrene		760.000		87	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Naphthalene		120.000	J	92	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Phenanthrene		1,500.000		93.6	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Pyrene		2,000.000		92.4	190 ug/Kg
P4364-07	SB-03-0.167-0.667	Solid	Total PAH		15,770.000		1472.1	3040 ug/Kg
Total Svoc :				32,680.00				
Total Concentration:				40,460.00				
Client ID : SB-03-2.0-2.5								
P4364-08	SB-03-2.0-2.5	Solid	n-Hexadecanoic acid	*	690.000	J		
Total Tics :				690.00				
P4364-08	SB-03-2.0-2.5	Solid	Fluoranthene		540.000	J	440	910 ug/Kg
P4364-08	SB-03-2.0-2.5	Solid	Pyrene		550.000	J	450	910 ug/Kg
Total Svoc :				1,090.00				
Total Concentration:				1,780.00				
Client ID : SB-04-2.0-2.5								
P4364-11	SB-04-2.0-2.5	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	340.000	A		
P4364-11	SB-04-2.0-2.5	Solid	4H-Cyclopenta[def]phenanthrene	*	210.000	J		
P4364-11	SB-04-2.0-2.5	Solid	Benzo[e]pyrene	*	240.000	J		
P4364-11	SB-04-2.0-2.5	Solid	Benzophenone	*	600.000	J		
P4364-11	SB-04-2.0-2.5	Solid	Butane, 2-methoxy-2-methyl-	*	5,500.000	J		
P4364-11	SB-04-2.0-2.5	Solid	Dodecane, 3-methyl-	*	88.600	J		
P4364-11	SB-04-2.0-2.5	Solid	Octadecanoic acid	*	200.000	J		

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4364-11	SB-04-2.0-2.5	Solid	Palmitoleic acid	*	130.000	J		
P4364-11	SB-04-2.0-2.5	Solid	Phthalic acid, monoamide, N-ethy	*	95.200	J		
P4364-11	SB-04-2.0-2.5	Solid	Triphenyl phosphate	*	86.100	J		
Total Tics :				7,489.90				
P4364-11	SB-04-2.0-2.5	Solid	Anthracene		130.000	J	100	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Benzo(a)anthracene		450.000		100	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Benzo(a)pyrene		470.000		120	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Benzo(b)fluoranthene		560.000		100	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Benzo(g,h,i)perylene		270.000		99.5	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Benzo(k)fluoranthene		220.000		100	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Bis(2-ethylhexyl)phthalate		2,400.000		110	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Chrysene		410.000		98.7	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Di-n-butylphthalate		3,100.000		100	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Di-n-octyl phthalate		240.000	J	140	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Fluoranthene		920.000		100	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Indeno(1,2,3-cd)pyrene		220.000		97	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Naphthalene		460.000		100	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Phenanthrene		520.000		100	ug/Kg
P4364-11	SB-04-2.0-2.5	Solid	Pyrene		530.000		100	ug/Kg
Total Svoc :				10,900.00				
Total Concentration:				18,389.90				

Client ID : SB-04-4.5-5.0

P4364-12	SB-04-4.5-5.0	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P4364-12	SB-04-4.5-5.0	Solid	4H-1,3-Benzodioxin	*	120.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Benzophenone	*	390.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Butane, 2-methoxy-2-methyl-	*	3,400.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Dodecane	*	110.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Heneicosane	*	330.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Hentriacontane	*	100.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Heptacosane	*	110.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Heptadecane	*	180.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Hexacosane	*	240.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Hexadecane	*	200.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Nonadecane	*	270.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Octadecane	*	250.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Octadecanoic acid	*	180.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Phenanthrene, 1-methyl-	*	160.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Phenanthrene, 2,5-dimethyl-	*	120.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Tridecane, 1-iodo-	*	150.000	J		
P4364-12	SB-04-4.5-5.0	Solid	Tridecane, 3-methyl-	*	170.000	J		

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4364-12	SB-04-4.5-5.0	Solid	unknown9.610	*	99.200	J		
Total Tics :					6,769.20			
P4364-12	SB-04-4.5-5.0	Solid	Bis(2-ethylhexyl)phthalate	130.000	J	120	220	ug/Kg
P4364-12	SB-04-4.5-5.0	Solid	Chrysene	100.000	J	100	220	ug/Kg
P4364-12	SB-04-4.5-5.0	Solid	Di-n-butylphthalate	300.000		110	220	ug/Kg
P4364-12	SB-04-4.5-5.0	Solid	Naphthalene	270.000		110	220	ug/Kg
Total Svoc :					800.00			
Total Concentration:					7,569.20			
Client ID : SB-05-0.167-0.667								
P4364-13	SB-05-0.167-0.667	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P4364-13	SB-05-0.167-0.667	Solid	11H-Benzo[b]fluorene	*	98.200	J		
P4364-13	SB-05-0.167-0.667	Solid	13-Docosenamide, (Z)-	*	260.000	J		
P4364-13	SB-05-0.167-0.667	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	A		
P4364-13	SB-05-0.167-0.667	Solid	2-Propanol, 1-(2-butoxyethoxy)-	*	79.700	J		
P4364-13	SB-05-0.167-0.667	Solid	4H-Cyclopenta[def]phenanthrene	*	260.000	J		
P4364-13	SB-05-0.167-0.667	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	75.000	J		
P4364-13	SB-05-0.167-0.667	Solid	9,10-Anthracenedione	*	79.000	J		
P4364-13	SB-05-0.167-0.667	Solid	Benzo[e]pyrene	*	290.000	J		
P4364-13	SB-05-0.167-0.667	Solid	Benzophenone	*	260.000	J		
P4364-13	SB-05-0.167-0.667	Solid	Butane, 2-methoxy-2-methyl-	*	3,300.000	J		
P4364-13	SB-05-0.167-0.667	Solid	Cyclopenta(def)phenanthrenone	*	97.100	J		
P4364-13	SB-05-0.167-0.667	Solid	Phenanthrene, 2,5-dimethyl-	*	92.400	J		
P4364-13	SB-05-0.167-0.667	Solid	Phenanthrene, 2-methyl-	*	500.000	J		
P4364-13	SB-05-0.167-0.667	Solid	Pyrene, 1-methyl-	*	74.600	J		
P4364-13	SB-05-0.167-0.667	Solid	Pyrene, 4,5,9,10-tetrahydro-	*	75.700	J		
Total Tics :					5,811.70			
P4364-13	SB-05-0.167-0.667	Solid	Anthracene	180.000		91.7	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Benzo(a)anthracene	700.000		87.7	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Benzo(a)pyrene	680.000		100	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Benzo(b)fluoranthene	860.000		88.1	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Benzo(g,h,i)perylene	330.000		87	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Benzo(k)fluoranthene	330.000		89.8	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Carbazole	100.000	J	87.3	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Chrysene	620.000		86.4	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Dibenzo(a,h)anthracene	88.600	J	88.2	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Fluoranthene	1,500.000		88.8	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Indeno(1,2,3-cd)pyrene	290.000		84.9	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Phenanthrene	830.000		91.3	180	ug/Kg
P4364-13	SB-05-0.167-0.667	Solid	Pyrene	810.000		90.2	180	ug/Kg
Total Svoc :					7,318.60			

Hit Summary Sheet
SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				13,130.30				
Client ID : SB-07-0.167-0.667								
P4364-15	SB-07-0.167-0.667	Solid	11H-Benzo[a]fluoren-11-one	*	120.000	J		
P4364-15	SB-07-0.167-0.667	Solid	13-Docosenamide, (Z)-	*	220.000	J		
P4364-15	SB-07-0.167-0.667	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P4364-15	SB-07-0.167-0.667	Solid	4H-Cyclopenta[def]phenanthrene	*	570.000	J		
P4364-15	SB-07-0.167-0.667	Solid	9,10-Anthracenedione	*	100.000	J		
P4364-15	SB-07-0.167-0.667	Solid	9,10-Dimethylantracene	*	150.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	180.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Benzo[e]pyrene	*	98.800	J		
P4364-15	SB-07-0.167-0.667	Solid	Benzophenone	*	390.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Butane, 2-methoxy-2-methyl-	*	3,700.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Cyclopenta(def)phenanthrenone	*	160.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Cyclopenta[cd]pyrene	*	110.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Dibenzothiophene	*	110.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Naphthalene, 1-phenyl-	*	90.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Naphthalene, 2-phenyl-	*	260.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Perylene	*	450.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Phenanthrene, 1-methyl-	*	220.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Phenanthrene, 2-methyl-	*	540.000	J		
P4364-15	SB-07-0.167-0.667	Solid	Pyrene, 1-methyl-	*	120.000	J		
P4364-15	SB-07-0.167-0.667	Solid	unknown12.475	*	130.000	J		
Total Tics :				7,908.80				
P4364-15	SB-07-0.167-0.667	Solid	Acenaphthylene		190.000	95.7	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Anthracene		260.000	93.4	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Benzo(a)anthracene		1,000.000	89.3	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Benzo(a)pyrene		980.000	100	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Benzo(b)fluoranthene		1,200.000	89.7	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Benzo(g,h,i)perylene		520.000	88.6	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Benzo(k)fluoranthene		500.000	91.4	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Chrysene		1,000.000	88	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Dibenzo(a,h)anthracene		130.000	J 89.8	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Fluoranthene		2,600.000	90.4	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Fluorene		130.000	J 94.6	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Indeno(1,2,3-cd)pyrene		460.000	86.4	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Phenanthrene		2,300.000	92.9	190	ug/Kg
P4364-15	SB-07-0.167-0.667	Solid	Pyrene		1,800.000	91.8	190	ug/Kg
Total Svoc :				13,070.00				
Total Concentration:				20,978.80				

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB-08-0.167-0.667								
P4364-16	SB-08-0.167-0.667	Solid	11H-Benzo[a]fluoren-11-one	*	120.000	J		
P4364-16	SB-08-0.167-0.667	Solid	13-Docosenamide, (Z)-	*	510.000	J		
P4364-16	SB-08-0.167-0.667	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
P4364-16	SB-08-0.167-0.667	Solid	5-Bromo-2-thiophenecarboxaldeh	*	78.800	J		
P4364-16	SB-08-0.167-0.667	Solid	Benzo[e]pyrene	*	200.000	J		
P4364-16	SB-08-0.167-0.667	Solid	Benzophenone	*	430.000	J		
P4364-16	SB-08-0.167-0.667	Solid	Butane, 2-methoxy-2-methyl-	*	3,500.000	J		
P4364-16	SB-08-0.167-0.667	Solid	n-Hexadecanoic acid	*	480.000	J		
P4364-16	SB-08-0.167-0.667	Solid	Octadecanoic acid	*	85.200	J		
P4364-16	SB-08-0.167-0.667	Solid	Phthalic acid, 2-ethoxyethyl ethyl	*	79.200	J		
			Total Tics :		5,683.20			
P4364-16	SB-08-0.167-0.667	Solid	Benzo(a)anthracene		290.000	86.4	180	ug/Kg
P4364-16	SB-08-0.167-0.667	Solid	Benzo(a)pyrene		340.000	99.5	180	ug/Kg
P4364-16	SB-08-0.167-0.667	Solid	Benzo(b)fluoranthene		450.000	86.8	180	ug/Kg
P4364-16	SB-08-0.167-0.667	Solid	Benzo(g,h,i)perylene		190.000	85.7	180	ug/Kg
P4364-16	SB-08-0.167-0.667	Solid	Benzo(k)fluoranthene	J	150.000	88.4	180	ug/Kg
P4364-16	SB-08-0.167-0.667	Solid	Chrysene		260.000	85.1	180	ug/Kg
P4364-16	SB-08-0.167-0.667	Solid	Fluoranthene		440.000	87.4	180	ug/Kg
P4364-16	SB-08-0.167-0.667	Solid	Indeno(1,2,3-cd)pyrene	J	160.000	83.6	180	ug/Kg
P4364-16	SB-08-0.167-0.667	Solid	Phenanthrene	J	160.000	89.9	180	ug/Kg
P4364-16	SB-08-0.167-0.667	Solid	Pyrene		280.000	88.8	180	ug/Kg
			Total Svoc :		2,720.00			
			Total Concentration:		8,403.20			
Client ID : OR-02-100924								
P4376-01	OR-02-100924	Solid	4H-Cyclopenta[def]phenanthrene	*	190.000	J		
P4376-01	OR-02-100924	Solid	Benzophenone	*	120.000	J		
P4376-01	OR-02-100924	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P4376-01	OR-02-100924	Solid	Dibenzothiophene	*	140.000	J		
P4376-01	OR-02-100924	Solid	Dodecane	*	70.800	J		
P4376-01	OR-02-100924	Solid	Dodecane, 1-iodo-	*	210.000	J		
P4376-01	OR-02-100924	Solid	Heptadecane	*	480.000	J		
P4376-01	OR-02-100924	Solid	Hexadecane	*	340.000	J		
P4376-01	OR-02-100924	Solid	n-Hexadecanoic acid	*	780.000	J		
P4376-01	OR-02-100924	Solid	Naphthalene, 2,7-dimethyl-	*	150.000	J		
P4376-01	OR-02-100924	Solid	Nonadecane	*	280.000	J		
P4376-01	OR-02-100924	Solid	Octadecane	*	420.000	J		
P4376-01	OR-02-100924	Solid	Octadecanoic acid	*	400.000	J		
P4376-01	OR-02-100924	Solid	Pentadecane	*	310.000	J		
P4376-01	OR-02-100924	Solid	Pentadecane, 2,6,10-trimethyl-	*	160.000	J		

Hit Summary Sheet SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4376-01	OR-02-100924	Solid	Tetracosane	*	180.000	J		
P4376-01	OR-02-100924	Solid	Tetradecane	*	280.000	J		
P4376-01	OR-02-100924	Solid	Tridecane	*	120.000	J		
P4376-01	OR-02-100924	Solid	Tridecane, 6-propyl-	*	220.000	J		
P4376-01	OR-02-100924	Solid	Undecane, 5-ethyl-	*	70.200	J		
Total Tics :					6,421.00			
P4376-01	OR-02-100924	Solid	Anthracene		100.000	J	53.4	110 ug/Kg
P4376-01	OR-02-100924	Solid	Benzo(a)anthracene		260.000		51	110 ug/Kg
P4376-01	OR-02-100924	Solid	Benzo(a)pyrene		240.000		58.8	110 ug/Kg
P4376-01	OR-02-100924	Solid	Benzo(b)fluoranthene		280.000		51.3	110 ug/Kg
P4376-01	OR-02-100924	Solid	Benzo(g,h,i)perylene		110.000		50.6	110 ug/Kg
P4376-01	OR-02-100924	Solid	Benzo(k)fluoranthene		98.300	J	52.2	110 ug/Kg
P4376-01	OR-02-100924	Solid	Chrysene		210.000		50.3	110 ug/Kg
P4376-01	OR-02-100924	Solid	Fluoranthene		580.000		51.7	110 ug/Kg
P4376-01	OR-02-100924	Solid	Indeno(1,2,3-cd)pyrene		92.300	J	49.4	110 ug/Kg
P4376-01	OR-02-100924	Solid	Phenanthrene		360.000		53.1	110 ug/Kg
P4376-01	OR-02-100924	Solid	Pyrene		350.000		52.5	110 ug/Kg
Total Svoc :					2,680.60			
Total Concentration:					9,101.60			

Client ID : HD-01-100924

P4377-01	HD-01-100924	Solid	11H-Benzo[a]fluorene	*	230.000	J		
P4377-01	HD-01-100924	Solid	11H-Benzo[b]fluorene	*	600.000	J		
P4377-01	HD-01-100924	Solid	4H-Cyclopenta[def]phenanthrene	*	1,000.000	J		
P4377-01	HD-01-100924	Solid	9,10-Anthracenedione	*	270.000	J		
P4377-01	HD-01-100924	Solid	Anthracene, 2-methyl-	*	380.000	J		
P4377-01	HD-01-100924	Solid	Azuleno(2,1-b)thiophene	*	260.000	J		
P4377-01	HD-01-100924	Solid	Benzo[e]pyrene	*	1,700.000	J		
P4377-01	HD-01-100924	Solid	Benzophenone	*	260.000	J		
P4377-01	HD-01-100924	Solid	Eicosane	*	410.000	J		
P4377-01	HD-01-100924	Solid	Heptacosane	*	330.000	J		
P4377-01	HD-01-100924	Solid	Heptadecane, 2,6,10,15-tetrameth	*	560.000	J		
P4377-01	HD-01-100924	Solid	Hexadecane	*	230.000	J		
P4377-01	HD-01-100924	Solid	Naphthalene, 2-phenyl-	*	260.000	J		
P4377-01	HD-01-100924	Solid	Pentadecane	*	450.000	J		
P4377-01	HD-01-100924	Solid	Phenanthrene, 2-methyl-	*	700.000	J		
P4377-01	HD-01-100924	Solid	Pyrene, 1-methyl-	*	310.000	J		
P4377-01	HD-01-100924	Solid	Pyrene, 4-methyl-	*	230.000	J		
P4377-01	HD-01-100924	Solid	Tetradecane	*	280.000	J		
P4377-01	HD-01-100924	Solid	unknown12.475	*	600.000	J		
Total Tics :					9,060.00			

Hit Summary Sheet
SW-846

SDG No.: BF101124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4377-01	HD-01-100924	Solid	Acenaphthene	370.000	J	270	560	ug/Kg
P4377-01	HD-01-100924	Solid	Anthracene	870.000		280	560	ug/Kg
P4377-01	HD-01-100924	Solid	Benzo(a)anthracene	3,200.000		270	560	ug/Kg
P4377-01	HD-01-100924	Solid	Benzo(a)pyrene	3,000.000		310	560	ug/Kg
P4377-01	HD-01-100924	Solid	Benzo(b)fluoranthene	3,400.000		270	560	ug/Kg
P4377-01	HD-01-100924	Solid	Benzo(g,h,i)perylene	1,600.000		270	560	ug/Kg
P4377-01	HD-01-100924	Solid	Benzo(k)fluoranthene	1,500.000		270	560	ug/Kg
P4377-01	HD-01-100924	Solid	Carbazole	370.000	J	270	560	ug/Kg
P4377-01	HD-01-100924	Solid	Chrysene	2,600.000		260	560	ug/Kg
P4377-01	HD-01-100924	Solid	Dibenzo(a,h)anthracene	410.000	J	270	560	ug/Kg
P4377-01	HD-01-100924	Solid	Fluoranthene	6,200.000		270	560	ug/Kg
P4377-01	HD-01-100924	Solid	Fluorene	330.000	J	280	560	ug/Kg
P4377-01	HD-01-100924	Solid	Indeno(1,2,3-cd)pyrene	1,400.000		260	560	ug/Kg
P4377-01	HD-01-100924	Solid	Phenanthrene	2,900.000		280	560	ug/Kg
P4377-01	HD-01-100924	Solid	Pyrene	5,000.000		270	560	ug/Kg
P4377-01	HD-01-100924	Solid	Total PAH	32,780.000		4390	8960	ug/Kg
Total Svoc :				65,930.00				
Total Concentration:				74,990.00				



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
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.

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
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.: BF101124 SAS No.: BF101124 SDG NO.: BF101124

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 09:58

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	PB163997BL	98484	6.86	375286	8.15	212276	9.90
02	PB164005BS	108333	6.87	413150	8.15	230678	9.90
03	SB-04-4.5-5.0	86523	6.86	331745	8.15	177862	9.90
04	SB-01-4.25-4.83	86873	6.86	320379	8.15	162543	9.90
05	OR-02-100924	71490	6.86	234684	8.15	100888 *	9.90
06	SB-08-0.167-0.667	75937	6.87	257531	8.15	113003 *	9.90
07	SB-07-0.167-0.667	72835	6.87	237841	8.15	100407 *	9.90
08	SB-05-0.167-0.667	70125	6.87	227557	8.15	99467 *	9.90
09	SB-04-2.0-2.5MS	83105	6.87	285627	8.15	126386	9.90
10	SB-04-2.0-2.5	69247	6.87	220892	8.15	98664 *	9.90
11	SB-04-2.0-2.5MSD	74746	6.87	254966	8.15	109987 *	9.90
12	SB-02-4.5-5.0	73983	6.87	230755	8.15	110936 *	9.90
13	SB-03-0.167-0.667	69314	6.87	224988	8.15	106315 *	9.90
14	SB-01-2.5-3.0	60362	6.87	197466 *	8.15	92192 *	9.90
15	SB-01-1.0-1.5	64870	6.87	202554 *	8.15	100848 *	9.90
16	DCYN8	72993	6.87	237933	8.15	118021 *	9.90
17	CF-400-COMP-43	65897	6.87	216244 *	8.15	107983 *	9.90
18	HD-01-100924MSD	61918	6.87	202067 *	8.15	100572 *	9.90
19	HD-01-100924MS	61500	6.87	198080 *	8.15	98766 *	9.90
20	HD-01-100924	62245	6.87	203698 *	8.15	101884 *	9.90
21	SB-03-2.0-2.5	58355	6.87	188402 *	8.15	96219 *	9.90
22	SB-02-2.0-2.5	53843 *	6.87	176510 *	8.15	95756 *	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101124 SAS No.: BF101124 SDG NO.: BF101124

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 20:05

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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101124 SAS No.: BF101124 SDG NO.: BF101124

EPA Sample No.: SSTDCCC040

Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BF139763.D

Time Analyzed: 09:58

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	116312	6.869	428473	8.15	238660	9.90
	UPPER LIMIT	232624	7.369	856946	8.651	477320	10.404
	LOWER LIMIT	58156	6.369	214236.5	7.651	119330	9.404
	EPA SAMPLE NO.						
01	PB163997BL	98484	6.86	375286	8.15	212276	9.90
02	PB164005BS	108333	6.87	413150	8.15	230678	9.90
03	SB-04-4.5-5.0	86523	6.86	331745	8.15	177862	9.90
04	SB-01-4.25-4.83	86873	6.86	320379	8.15	162543	9.90
05	OR-02-100924	71490	6.86	234684	8.15	100888 *	9.90
06	SB-08-0.167-0.667	75937	6.87	257531	8.15	113003 *	9.90
07	SB-07-0.167-0.667	72835	6.87	237841	8.15	100407 *	9.90
08	SB-05-0.167-0.667	70125	6.87	227557	8.15	99467 *	9.90
09	SB-04-2.0-2.5MS	83105	6.87	285627	8.15	126386	9.90
10	SB-04-2.0-2.5	69247	6.87	220892	8.15	98664 *	9.90
11	SB-04-2.0-2.5MSD	74746	6.87	254966	8.15	109987 *	9.90
12	SB-02-4.5-5.0	73983	6.87	230755	8.15	110936 *	9.90
13	SB-03-0.167-0.667	69314	6.87	224988	8.15	106315 *	9.90
14	SB-01-2.5-3.0	60362	6.87	197466 *	8.15	92192 *	9.90
15	SB-01-1.0-1.5	64870	6.87	202554 *	8.15	100848 *	9.90
16	DCYN8	72993	6.87	237933	8.15	118021 *	9.90
17	CF-400-COMP-43	65897	6.87	216244	8.15	107983 *	9.90
18	HD-01-100924MSD	61918	6.87	202067 *	8.15	100572 *	9.90
19	HD-01-100924MS	61500	6.87	198080 *	8.15	98766 *	9.90
20	HD-01-100924	62245	6.87	203698 *	8.15	101884 *	9.90
21	SB-03-2.0-2.5	58355	6.87	188402 *	8.15	96219 *	9.90
22	SB-02-2.0-2.5	53843 *	6.87	176510 *	8.15	95756 *	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101124 SAS No.: BF101124 SDG NO.: BF101124

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BF139763.D Time Analyzed: 20:05

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	116312	6.869	428473	8.15	238660	9.90
UPPER LIMIT	232624	7.369	856946	8.651	477320	10.404
LOWER LIMIT	58156	6.369	214236.5	7.651	119330	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.: BF101124 SAS No.: BF101124 SDG NO.: BF101124

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 09:58

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	PB163997BL	410607	11.39	257809	14.03	202962	15.50
02	PB164005BS	409405	11.39	207555	14.03	195633	15.50
03	SB-04-4.5-5.0	281292	11.39	140104	14.03	179767	15.50
04	SB-01-4.25-4.83	228003 *	11.39	154064	14.03	184386	15.51
05	OR-02-100924	164108 *	11.39	161162	14.03	128646	15.50
06	SB-08-0.167-0.667	186447 *	11.39	172632	14.03	134655	15.50
07	SB-07-0.167-0.667	181468 *	11.39	166224	14.03	139389	15.50
08	SB-05-0.167-0.667	178983 *	11.39	166148	14.03	133611	15.50
09	SB-04-2.0-2.5MS	200180 *	11.39	168877	14.03	133308	15.51
10	SB-04-2.0-2.5	177152 *	11.39	168640	14.03	127071	15.50
11	SB-04-2.0-2.5MSD	186157 *	11.39	153677	14.04	115703	15.51
12	SB-02-4.5-5.0	199923 *	11.39	169429	14.04	118453	15.51
13	SB-03-0.167-0.667	194324 *	11.39	151890	14.04	113208	15.51
14	SB-01-2.5-3.0	163011 *	11.39	127716	14.04	96715 *	15.52
15	SB-01-1.0-1.5	196932 *	11.39	133157	14.05	103799 *	15.52
16	DCYN8	226057 *	11.39	165384	14.03	117287	15.51
17	CF-400-COMP-43	216876 *	11.39	151342	14.03	110446	15.51
18	HD-01-100924MSD	203523 *	11.39	136605	14.04	104487 *	15.51
19	HD-01-100924MS	198414 *	11.39	130018	14.04	101736 *	15.51
20	HD-01-100924	199392 *	11.39	126817	14.03	98730 *	15.52
21	SB-03-2.0-2.5	202295 *	11.39	124604 *	14.03	93962 *	15.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101124 SAS No.: BF101124 SDG NO.: BF101124

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 20:05

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.						
22 SB-02-2.0-2.5	193768 *	11.39	118131 *	14.03	91773 *	15.51

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.: BF101124 SAS No.: BF101124 SDG NO.: BF101124

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BF139763.D Time Analyzed: 09:58

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	417534	11.392	208861	14.033	202126	15.504
	UPPER LIMIT	835068	11.892	417722	14.533	404252	16.004
	LOWER LIMIT	208767	10.892	104430.5	13.533	101063	15.004
	EPA SAMPLE NO.						
01	PB163997BL	410607	11.39	257809	14.03	202962	15.50
02	PB164005BS	409405	11.39	207555	14.03	195633	15.50
03	SB-04-4.5-5.0	281292	11.39	140104	14.03	179767	15.50
04	SB-01-4.25-4.83	228003	11.39	154064	14.03	184386	15.51
05	OR-02-100924	164108 *	11.39	161162	14.03	128646	15.50
06	SB-08-0.167-0.667	186447 *	11.39	172632	14.03	134655	15.50
07	SB-07-0.167-0.667	181468 *	11.39	166224	14.03	139389	15.50
08	SB-05-0.167-0.667	178983 *	11.39	166148	14.03	133611	15.50
09	SB-04-2.0-2.5MS	200180 *	11.39	168877	14.03	133308	15.51
10	SB-04-2.0-2.5	177152 *	11.39	168640	14.03	127071	15.50
11	SB-04-2.0-2.5MSD	186157 *	11.39	153677	14.04	115703	15.51
12	SB-02-4.5-5.0	199923 *	11.39	169429	14.04	118453	15.51
13	SB-03-0.167-0.667	194324 *	11.39	151890	14.04	113208	15.51
14	SB-01-2.5-3.0	163011 *	11.39	127716	14.04	96715 *	15.52
15	SB-01-1.0-1.5	196932 *	11.39	133157	14.05	103799	15.52
16	DCYN8	226057	11.39	165384	14.03	117287	15.51
17	CF-400-COMP-43	216876	11.39	151342	14.03	110446	15.51
18	HD-01-100924MSD	203523 *	11.39	136605	14.04	104487	15.51
19	HD-01-100924MS	198414 *	11.39	130018	14.04	101736	15.51
20	HD-01-100924	199392 *	11.39	126817	14.03	98730 *	15.52
21	SB-03-2.0-2.5	202295 *	11.39	124604	14.03	93962 *	15.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101124 SAS No.: BF101124 SDG NO.: BF101124

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BF139763.D Time Analyzed: 20:05

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	417534	11.392	208861	14.033	202126	15.504
UPPER LIMIT	835068	11.892	417722	14.533	404252	16.004
LOWER LIMIT	208767	10.892	104430.5	13.533	101063	15.004
EPA SAMPLE NO.						
22 SB-02-2.0-2.5	193768 *	11.39	118131	14.03	91773 *	15.51

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.: **BF101124**

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	1300	ug/Kg	76				57	103	
	Pyridine	1700	1300	ug/Kg	76				28	98	
	Benzaldehyde	1700	630	ug/Kg	37				10	133	
	Aniline	1700	1500	ug/Kg	88				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1400	ug/Kg	82				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1300	ug/Kg	76				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	660	ug/Kg	39				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	4600	ug/Kg	139				45	165	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1300	ug/Kg	76				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1300	ug/Kg	76				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1300	ug/Kg	76				61	104	
	3-Nitroaniline	1700	890	ug/Kg	52				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	23700	ug/Kg	87				57	104	
	2,4-Dinitrophenol	3300	2600	ug/Kg	79				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF101124**

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	2500	ug/Kg	76				48	119		
	Dibenzofuran	1700	1400	ug/Kg	82				63	99		
	2,4-Dinitrotoluene	1700	1300	ug/Kg	76				60	106		
	2,4-Dinitrotoluene/2,6-Dinitro	3400	2600	ug/Kg	76				60	106		
	Diethylphthalate	1700	1300	ug/Kg	76				60	101		
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98		
	Fluorene	1700	1300	ug/Kg	76				61	101		
	4-Nitroaniline	1700	1300	ug/Kg	76				64	103		
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113		
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99		
	Azobenzene	1700	1300	ug/Kg	76				54	103		
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102		
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98		
	Atrazine	1700	1700	ug/Kg	100				47	152		
	Pentachlorophenol	3300	2400	ug/Kg	73				67	105		
	Phenanthrene	1700	1400	ug/Kg	82				59	103		
	Anthracene	1700	1500	ug/Kg	88				61	105		
	Carbazole	1700	1400	ug/Kg	82				61	99		
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104		
	Fluoranthene	1700	1300	ug/Kg	76				57	107		
	Benzidine	3300	2400	ug/Kg	73				10	98		
	Pyrene	1700	1500	ug/Kg	88				59	103		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103		
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135		
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137		
	Benzo(b)fluoranthene	1700	1300	ug/Kg	76				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	1700	ug/Kg	100				63	101		
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112		
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101		
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				59	108		
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

DCYN8

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101124

SAS No.: BF101124 SDG NO.: BF101124

Lab File ID: BF139779.D

Lab Sample ID: P4264-04

Instrument ID: BNA_F

Date Extracted: 10/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/11/2024

Level: (low/med) LOW

Time Analyzed: 17:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCYN8	P4264-04	BF139779.D	10/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163997BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101124

SAS No.: BF101124 SDG NO.: BF101124

Lab File ID: BF139764.D

Lab Sample ID: PB163997BL

Instrument ID: BNA_F

Date Extracted: 10/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/11/2024

Level: (low/med) LOW

Time Analyzed: 09:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CF-400-COMP-43	P4353-01	BF139780.D	10/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164005BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101124

SAS No.: BF101124 SDG NO.: BF101124

Lab File ID: BF139765.D

Lab Sample ID: PB164005BS

Instrument ID: BNA_F

Date Extracted: 10/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/11/2024

Level: (low/med) LOW

Time Analyzed: 10:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164005BS	PB164005BS	BF139765.D	10/11/2024
SB-04-4.5-5.0	P4364-12	BF139766.D	10/11/2024
SB-01-4.25-4.83	P4364-03	BF139767.D	10/11/2024
SB-08-0.167-0.667	P4364-16	BF139769.D	10/11/2024
SB-07-0.167-0.667	P4364-15	BF139770.D	10/11/2024
SB-05-0.167-0.667	P4364-13	BF139771.D	10/11/2024
SB-04-2.0-2.5MS	P4364-11MS	BF139772.D	10/11/2024
SB-04-2.0-2.5	P4364-11	BF139773.D	10/11/2024
SB-04-2.0-2.5MSD	P4364-11MSD	BF139774.D	10/11/2024
SB-02-4.5-5.0	P4364-06	BF139775.D	10/11/2024
SB-03-0.167-0.667	P4364-07	BF139776.D	10/11/2024
SB-01-2.5-3.0	P4364-02	BF139777.D	10/11/2024
SB-01-1.0-1.5	P4364-01	BF139778.D	10/11/2024
SB-03-2.0-2.5	P4364-08	BF139784.D	10/11/2024
SB-02-2.0-2.5	P4364-05	BF139785.D	10/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

OR-02-100924

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101124

SAS No.: BF101124 SDG NO.: BF101124

Lab File ID: BF139768.D

Lab Sample ID: P4376-01

Instrument ID: BNA_F

Date Extracted: 10/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/11/2024

Level: (low/med) LOW

Time Analyzed: 11:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OR-02-100924	P4376-01	BF139768.D	10/11/2024
HD-01-100924MSD	P4377-01MSD	BF139781.D	10/11/2024
HD-01-100924MS	P4377-01MS	BF139782.D	10/11/2024
HD-01-100924	P4377-01	BF139783.D	10/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4377-01MS		Client Sample ID: HD-01-100924MS		DataFile: BF139782.D							
n-Nitrosodimethylamine	1100		1200	ug/Kg	109				66	124	
Pyridine	1100		1100	ug/Kg	100				45	119	
Benzaldehyde	1100		0	ug/Kg	0	*			10	86	
Aniline	1100		680	ug/Kg	62				10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				54	125	
2-Chlorophenol	1100		1100	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1000	ug/Kg	91				47	126	
2-Methylphenol	1100		1000	ug/Kg	91				66	122	
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109				65	110	
Acetophenone	1100		1300	ug/Kg	118	*			75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		770	ug/Kg	70				65	117	
Nitrobenzene	1100		1100	ug/Kg	100				70	119	
Isophorone	1100		1200	ug/Kg	109				76	122	
2-Nitrophenol	1100		750	ug/Kg	68				54	145	
2,4-Dimethylphenol	1100		1300	ug/Kg	118				44	135	
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109				68	112	
2,4-Dichlorophenol	1100		1000	ug/Kg	91				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		0	ug/Kg	0	*			50	104	
Naphthalene	1100		1200	ug/Kg	109				72	110	
4-Chloroaniline	1100		780	ug/Kg	71				10	91	
Hexachlorobutadiene	1100		1200	ug/Kg	109				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2200			ug/Kg	0	*			10	175	
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1200	ug/Kg	109				75	113	
2-Chloronaphthalene	1100		1200	ug/Kg	109				67	118	
2-Nitroaniline	1100		1300	ug/Kg	118				69	127	
Dimethylphthalate	1100		1300	ug/Kg	118	*			70	113	
Acenaphthylene	1100		1300	ug/Kg	118				79	118	
2,6-Dinitrotoluene	1100		830	ug/Kg	75				70	125	
3-Nitroaniline	1100		1200	ug/Kg	109	*			30	99	
Acenaphthene	1100	370	1500	ug/Kg	103				70	121	
Total PAH	17600	32780	46500	ug/Kg	78				70	121	
2,4-Dinitrophenol	2200			ug/Kg	0	*			10	155	
4-Nitrophenol	2200		2000	ug/Kg	91				45	133	
Dibenzofuran	1100		1400	ug/Kg	127	*			72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1650	ug/Kg	75				55	128	
2,4-Dinitrotoluene	1100		820	ug/Kg	75				55	128	
Diethylphthalate	1100		1300	ug/Kg	118	*			70	112	
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*			71	108	
Fluorene	1100	330	1500	ug/Kg	106				68	116	
4-Nitroaniline	1100		1600	ug/Kg	145	*			55	120	
4,6-Dinitro-2-methylphenol	1100		0	ug/Kg	0	*			10	160	
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109				73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1500	ug/Kg	136	*			79	127	
Pentachlorophenol	2200		1600	ug/Kg	73				47	128	
Phenanthrene	1100	2900	3700	ug/Kg	73				52	128	
Anthracene	1100	870	2100	ug/Kg	112				62	124	
Carbazole	1100	370	1600	ug/Kg	112				59	119	
Di-n-butylphthalate	1100		1300	ug/Kg	118				69	118	
Fluoranthene	1100	6200	6700	ug/Kg	45				44	125	
Benzidine	2200		1500	ug/Kg	68				10	119	
Pyrene	1100	5000	5400	ug/Kg	36				26	142	
Butylbenzylphthalate	1100		1600	ug/Kg	145	*			64	126	
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91				33	116	
Benzo(a)anthracene	1100	3200	3900	ug/Kg	64	*			71	114	
Chrysene	1100	2600	3500	ug/Kg	82				57	121	
bis(2-Ethylhexyl)phthalate	1100		1800	ug/Kg	164				42	169	
Di-n-octyl phthalate	1100		1700	ug/Kg	155				23	175	
Benzo(b)fluoranthene	1100	3400	4000	ug/Kg	55	*			67	121	
Benzo(k)fluoranthene	1100	1500	2200	ug/Kg	64				57	134	
Benzo(a)pyrene	1100	3000	3700	ug/Kg	64	*			70	142	
Indeno(1,2,3-cd)pyrene	1100	1400	2200	ug/Kg	73				40	129	
Dibenz(a,h)anthracene	1100	410	1400	ug/Kg	90				43	123	
Benzo(g,h,i)perylene	1100	1600	2200	ug/Kg	55				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109				69	124	
1,4-Dioxane	1100		1200	ug/Kg	109				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				69	112	
1-Methylnaphthalene	1100		1100	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4377-01MSD		Client Sample ID: HD-01-100924MSD		DataFile: BF139781.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100		9		66	124	20
Pyridine	1100		1000	ug/Kg	91		9		45	119	20
Benzaldehyde	1100		0	ug/Kg	0	*			10	86	20
Aniline	1100		630	ug/Kg	57		8		10	88	20
Phenol	1100		1100	ug/Kg	100		0		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		0		54	125	20
2-Chlorophenol	1100		1100	ug/Kg	100		0		79	107	20
1,2-Dichlorobenzene	1100		1000	ug/Kg	91		9		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1100		970	ug/Kg	88		3		47	126	20
2-Methylphenol	1100		1000	ug/Kg	91		0		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		9		65	110	20
Acetophenone	1100		1200	ug/Kg	109		8		75	111	20
3+4-Methylphenols	1100		1000	ug/Kg	91		9		66	104	20
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91		9		59	119	20
Hexachloroethane	1100		780	ug/Kg	71		1		65	117	20
Nitrobenzene	1100		1000	ug/Kg	91		9		70	119	20
Isophorone	1100		1100	ug/Kg	100		9		76	122	20
2-Nitrophenol	1100		710	ug/Kg	65		5		54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118		0		44	135	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		9		68	112	20
2,4-Dichlorophenol	1100		1000	ug/Kg	91		0		72	118	20
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91		9		57	103	20
Benzoic acid	1100		0	ug/Kg	0	*			50	104	20
Naphthalene	1100		1100	ug/Kg	100		9		72	110	20
4-Chloroaniline	1100		700	ug/Kg	64		10		10	91	20
Hexachlorobutadiene	1100		1000	ug/Kg	91		18		66	114	20
Caprolactam	1100		1000	ug/Kg	91		9		51	134	20
4-Chloro-3-methylphenol	1100		950	ug/Kg	86		6		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	2200			ug/Kg	0	*			10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		9		72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		0		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		9		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		8		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		8		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		8		79	118	20
2,6-Dinitrotoluene	1100		810	ug/Kg	74		1		70	125	20
3-Nitroaniline	1100		1100	ug/Kg	100	*	9		30	99	20
Acenaphthene	1100	370	1400	ug/Kg	94		9		70	121	20
Total PAH	17600	32780	44100	ug/Kg	64	*	20		70	121	20
2,4-Dinitrophenol	2200			ug/Kg	0	*			10	155	20
4-Nitrophenol	2200		1900	ug/Kg	86		6		45	133	20
Dibenzofuran	1100		1300	ug/Kg	118	*	7		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1610	ug/Kg	73		3		55	128	20
2,4-Dinitrotoluene	1100		800	ug/Kg	73		3		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		8		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		9		71	108	20
Fluorene	1100	330	1500	ug/Kg	106		0		68	116	20
4-Nitroaniline	1100		1400	ug/Kg	127	*	13		55	120	20
4,6-Dinitro-2-methylphenol	1100		0	ug/Kg	0	*			10	160	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		9		73	118	20
Azobenzene	1100		1200	ug/Kg	109		0		73	110	20
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91		9		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		9		67	118	20
Atrazine	1100		1400	ug/Kg	127		7		79	127	20
Pentachlorophenol	2200		1600	ug/Kg	73		0		47	128	20
Phenanthrene	1100	2900	3500	ug/Kg	55		28	*	52	128	20
Anthracene	1100	870	2000	ug/Kg	103		8		62	124	20
Carbazole	1100	370	1500	ug/Kg	103		8		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		8		69	118	20
Fluoranthene	1100	6200	6300	ug/Kg	9	*	133	*	44	125	20
Benzidine	2200		1300	ug/Kg	59		14		10	119	20
Pyrene	1100	5000	5000	ug/Kg	0	*	200	*	26	142	20
Butylbenzylphthalate	1100		1400	ug/Kg	127	*	13		64	126	20
3,3-Dichlorobenzidine	1100		810	ug/Kg	74		21	*	33	116	20
Benzo(a)anthracene	1100	3200	3600	ug/Kg	36	*	56	*	71	114	20
Chrysene	1100	2600	3300	ug/Kg	64		25	*	57	121	20
bis(2-Ethylhexyl)phthalate	1100		1600	ug/Kg	145		12		42	169	20
Di-n-octyl phthalate	1100		1600	ug/Kg	145		7		23	175	20
Benzo(b)fluoranthene	1100	3400	4000	ug/Kg	55	*	0		67	121	20
Benzo(k)fluoranthene	1100	1500	2100	ug/Kg	55	*	15		57	134	20
Benzo(a)pyrene	1100	3000	3500	ug/Kg	45	*	35	*	70	142	20
Indeno(1,2,3-cd)pyrene	1100	1400	2200	ug/Kg	73		0		40	129	20
Dibenz(a,h)anthracene	1100	410	1300	ug/Kg	81		11		43	123	20
Benzo(g,h,i)perylene	1100	1600	2100	ug/Kg	45		20		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		0		69	124	20
1,4-Dioxane	1100		1100	ug/Kg	100		9		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		0		69	112	20
1-Methylnaphthalene	1100		1000	ug/Kg	91		9		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4364-11MS		Client Sample ID: SB-04-2.0-2.5MS		DataFile: BF139772.D							
n-Nitrosodimethylamine	2100	460	2000	ug/Kg	95				66	124	
Pyridine	2100		1900	ug/Kg	90				45	119	
Benzaldehyde	2100		910	ug/Kg	43				10	86	
Aniline	2100			ug/Kg	0	*			10	88	
Phenol	2100		1900	ug/Kg	90				67	126	
bis(2-Chloroethyl)ether	2100		2000	ug/Kg	95				54	125	
2-Chlorophenol	2100		2000	ug/Kg	95				79	107	
1,2-Dichlorobenzene	2100		1900	ug/Kg	90				61	105	
1,3-Dichlorobenzene	2100		1900	ug/Kg	90				62	101	
1,4-Dichlorobenzene	2100		1900	ug/Kg	90				63	104	
Benzyl Alcohol	2100		1900	ug/Kg	90				47	126	
2-Methylphenol	2100		1800	ug/Kg	86				66	122	
2,2-oxybis(1-Chloropropane)	2100		1900	ug/Kg	90				65	110	
Acetophenone	2100		2100	ug/Kg	100				75	111	
3+4-Methylphenols	2100		1900	ug/Kg	90				66	104	
N-Nitroso-di-n-propylamine	2100		1900	ug/Kg	90				59	119	
Hexachloroethane	2100		1800	ug/Kg	86				65	117	
Nitrobenzene	2100		1900	ug/Kg	90				70	119	
Isophorone	2100		2000	ug/Kg	95				76	122	
2-Nitrophenol	2100		2000	ug/Kg	95				54	145	
2,4-Dimethylphenol	2100		2400	ug/Kg	114				44	135	
bis(2-Chloroethoxy)methane	2100		2000	ug/Kg	95				68	112	
2,4-Dichlorophenol	2100		1900	ug/Kg	90				72	118	
1,2,4-Trichlorobenzene	2100		1900	ug/Kg	90				57	103	
Benzoic acid	2100		1500	ug/Kg	71				50	104	
Naphthalene	2100		2300	ug/Kg	88				72	110	
4-Chloroaniline	2100		790	ug/Kg	38				10	91	
Hexachlorobutadiene	2100		1900	ug/Kg	90				66	114	
Caprolactam	2100		1700	ug/Kg	81				51	134	
4-Chloro-3-methylphenol	2100		1600	ug/Kg	76				57	132	
2-Methylnaphthalene	2100		1800	ug/Kg	86				59	123	
Hexachlorocyclopentadiene	4100		1100	ug/Kg	27				10	175	
2,4,6-Trichlorophenol	2100		2000	ug/Kg	95				72	117	
2,4,5-Trichlorophenol	2100		1900	ug/Kg	90				72	117	
1,1-Biphenyl	2100		2200	ug/Kg	105				75	113	
2-Chloronaphthalene	2100		2100	ug/Kg	100				67	118	
2-Nitroaniline	2100		1900	ug/Kg	90				69	127	
Dimethylphthalate	2100		2100	ug/Kg	100				70	113	
Acenaphthylene	2100		2100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	2100		1800	ug/Kg	86				70	125	
3-Nitroaniline	2100		1000	ug/Kg	48				30	99	
Acenaphthene	2100		1900	ug/Kg	90				70	121	
Total PAH	33600	5160	34500	ug/Kg	103				70	121	
2,4-Dinitrophenol	4100		940	ug/Kg	23				10	155	
4-Nitrophenol	4100		3300	ug/Kg	80				45	133	
Dibenzofuran	2100		1900	ug/Kg	90				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2100		1700	ug/Kg	81				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		3500	ug/Kg	83				55	128	
Diethylphthalate	2100		1900	ug/Kg	90				70	112	
4-Chlorophenyl-phenylether	2100		1800	ug/Kg	86				71	108	
Fluorene	2100		1800	ug/Kg	86				68	116	
4-Nitroaniline	2100		1200	ug/Kg	57				55	120	
4,6-Dinitro-2-methylphenol	2100		650	ug/Kg	31				10	160	
N-Nitrosodiphenylamine	2100		2100	ug/Kg	100				73	118	
Azobenzene	2100		2000	ug/Kg	95				73	110	
4-Bromophenyl-phenylether	2100		2000	ug/Kg	95				65	121	
Hexachlorobenzene	2100		1900	ug/Kg	90				67	118	
Atrazine	2100		2300	ug/Kg	110				79	127	
Pentachlorophenol	4100		3600	ug/Kg	88				47	128	
Phenanthrene	2100	520	2400	ug/Kg	90				52	128	
Anthracene	2100	130	2200	ug/Kg	99				62	124	
Carbazole	2100		2100	ug/Kg	100				59	119	
Di-n-butylphthalate	2100	3100	4400	ug/Kg	62	*			69	118	
Fluoranthene	2100	920	2800	ug/Kg	90				44	125	
Benzydine	4100		730	ug/Kg	18				10	119	
Pyrene	2100	530	1900	ug/Kg	65				26	142	
Butylbenzylphthalate	2100		1900	ug/Kg	90				64	126	
3,3-Dichlorobenzidine	2100		1400	ug/Kg	67				33	116	
Benzo(a)anthracene	2100	450	2300	ug/Kg	88				71	114	
Chrysene	2100	410	2200	ug/Kg	85				57	121	
bis(2-Ethylhexyl)phthalate	2100	2400	4000	ug/Kg	76				42	169	
Di-n-octyl phthalate	2100	240	2700	ug/Kg	117				23	175	
Benzo(b)fluoranthene	2100	560	2300	ug/Kg	83				67	121	
Benzo(k)fluoranthene	2100	220	2400	ug/Kg	104				57	134	
Benzo(a)pyrene	2100	470	2500	ug/Kg	97				70	142	
Indeno(1,2,3-cd)pyrene	2100	220	1900	ug/Kg	80				40	129	
Dibenz(a,h)anthracene	2100		1800	ug/Kg	86				43	123	
Benzo(g,h,i)perylene	2100	270	1700	ug/Kg	68				24	125	
1,2,4,5-Tetrachlorobenzene	2100		2200	ug/Kg	105				69	124	
1,4-Dioxane	2100		2000	ug/Kg	95				46	112	
2,3,4,6-Tetrachlorophenol	2100		1800	ug/Kg	86				69	112	
1-Methylnaphthalene	2100		1700	ug/Kg	81				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4364-11MSD		Client Sample ID: SB-04-2.0-2.5MSD		DataFile: BF139774.D							
n-Nitrosodimethylamine	2100		2200	ug/Kg	105		10		66	124	20
Pyridine	2100		2100	ug/Kg	100		11		45	119	20
Benzaldehyde	2100		960	ug/Kg	46		7		10	86	20
Aniline	2100			ug/Kg	0	*			10	88	20
Phenol	2100		2000	ug/Kg	95		5		67	126	20
bis(2-Chloroethyl)ether	2100		2200	ug/Kg	105		10		54	125	20
2-Chlorophenol	2100		2100	ug/Kg	100		5		79	107	20
1,2-Dichlorobenzene	2100		2100	ug/Kg	100		11		61	105	20
1,3-Dichlorobenzene	2100		2100	ug/Kg	100		11		62	101	20
1,4-Dichlorobenzene	2100		2100	ug/Kg	100		11		63	104	20
Benzyl Alcohol	2100		2000	ug/Kg	95		5		47	126	20
2-Methylphenol	2100		1900	ug/Kg	90		5		66	122	20
2,2-oxybis(1-Chloropropane)	2100		2000	ug/Kg	95		5		65	110	20
Acetophenone	2100		2300	ug/Kg	110		10		75	111	20
3+4-Methylphenols	2100		2100	ug/Kg	100		11		66	104	20
N-Nitroso-di-n-propylamine	2100		2000	ug/Kg	95		5		59	119	20
Hexachloroethane	2100		1900	ug/Kg	90		5		65	117	20
Nitrobenzene	2100		2100	ug/Kg	100		11		70	119	20
Isophorone	2100		2100	ug/Kg	100		5		76	122	20
2-Nitrophenol	2100		2100	ug/Kg	100		5		54	145	20
2,4-Dimethylphenol	2100		2500	ug/Kg	119		4		44	135	20
bis(2-Chloroethoxy)methane	2100		2100	ug/Kg	100		5		68	112	20
2,4-Dichlorophenol	2100		2000	ug/Kg	95		5		72	118	20
1,2,4-Trichlorobenzene	2100		2000	ug/Kg	95		5		57	103	20
Benzoic acid	2100		1600	ug/Kg	76		7		50	104	20
Naphthalene	2100	460	2400	ug/Kg	92		4		72	110	20
4-Chloroaniline	2100		850	ug/Kg	40		5		10	91	20
Hexachlorobutadiene	2100		2000	ug/Kg	95		5		66	114	20
Caprolactam	2100		1700	ug/Kg	81		0		51	134	20
4-Chloro-3-methylphenol	2100		1700	ug/Kg	81		6		57	132	20
2-Methylnaphthalene	2100		1900	ug/Kg	90		5		59	123	20
Hexachlorocyclopentadiene	4100		1000	ug/Kg	24		12		10	175	20
2,4,6-Trichlorophenol	2100		2200	ug/Kg	105		10		72	117	20
2,4,5-Trichlorophenol	2100		2000	ug/Kg	95		5		72	117	20
1,1-Biphenyl	2100		2300	ug/Kg	110		5		75	113	20
2-Chloronaphthalene	2100		2200	ug/Kg	105		5		67	118	20
2-Nitroaniline	2100		2100	ug/Kg	100		11		69	127	20
Dimethylphthalate	2100		2300	ug/Kg	110		10		70	113	20
Acenaphthylene	2100		2300	ug/Kg	110		10		79	118	20
2,6-Dinitrotoluene	2100		2000	ug/Kg	95		10		70	125	20
3-Nitroaniline	2100		1200	ug/Kg	57		17		30	99	20
Acenaphthene	2100		2100	ug/Kg	100		11		70	121	20
Total PAH	33600	5160	37500	ug/Kg	112		8		70	121	20
2,4-Dinitrophenol	4100		750	ug/Kg	18		24	*	10	155	20
4-Nitrophenol	4100		3800	ug/Kg	93		15		45	133	20
Dibenzofuran	2100		2100	ug/Kg	100		11		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF101124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2100		1900	ug/Kg	90		11		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	4200		3900	ug/Kg	93		11		55	128	20
Diethylphthalate	2100		2100	ug/Kg	100		11		70	112	20
4-Chlorophenyl-phenylether	2100		2000	ug/Kg	95		10		71	108	20
Fluorene	2100		2000	ug/Kg	95		10		68	116	20
4-Nitroaniline	2100		1400	ug/Kg	67		16		55	120	20
4,6-Dinitro-2-methylphenol	2100		530	ug/Kg	25		21	*	10	160	20
N-Nitrosodiphenylamine	2100		2200	ug/Kg	105		5		73	118	20
Azobenzene	2100		2200	ug/Kg	105		10		73	110	20
4-Bromophenyl-phenylether	2100		2100	ug/Kg	100		5		65	121	20
Hexachlorobenzene	2100		2000	ug/Kg	95		5		67	118	20
Atrazine	2100		2500	ug/Kg	119		8		79	127	20
Pentachlorophenol	4100		3800	ug/Kg	93		6		47	128	20
Phenanthrene	2100	520	2600	ug/Kg	99		10		52	128	20
Anthracene	2100	130	2400	ug/Kg	108		9		62	124	20
Carbazole	2100		2300	ug/Kg	110		10		59	119	20
Di-n-butylphthalate	2100	3100	4700	ug/Kg	76		20		69	118	20
Fluoranthene	2100	920	3000	ug/Kg	99		10		44	125	20
Benzydine	4100		870	ug/Kg	21		15		10	119	20
Pyrene	2100	530	2200	ug/Kg	80		21	*	26	142	20
Butylbenzylphthalate	2100		2100	ug/Kg	100		11		64	126	20
3,3-Dichlorobenzidine	2100		1600	ug/Kg	76		13		33	116	20
Benzo(a)anthracene	2100	450	2500	ug/Kg	98		11		71	114	20
Chrysene	2100	410	2400	ug/Kg	95		11		57	121	20
bis(2-Ethylhexyl)phthalate	2100	2400	4500	ug/Kg	100		27	*	42	169	20
Di-n-octyl phthalate	2100	240	3000	ug/Kg	131		11		23	175	20
Benzo(b)fluoranthene	2100	560	2500	ug/Kg	92		10		67	121	20
Benzo(k)fluoranthene	2100	220	2600	ug/Kg	113		8		57	134	20
Benzo(a)pyrene	2100	470	2600	ug/Kg	101		4		70	142	20
Indeno(1,2,3-cd)pyrene	2100	220	2100	ug/Kg	90		12		40	129	20
Dibenz(a,h)anthracene	2100		1900	ug/Kg	90		5		43	123	20
Benzo(g,h,i)perylene	2100	270	1900	ug/Kg	78		14		24	125	20
1,2,4,5-Tetrachlorobenzene	2100		2400	ug/Kg	114		8		69	124	20
1,4-Dioxane	2100		2100	ug/Kg	100		5		46	112	20
2,3,4,6-Tetrachlorophenol	2100		1900	ug/Kg	90		5		69	112	20
1-Methylnaphthalene	2100		1800	ug/Kg	86		6		70	130	20

Surrogate Summary

SW-846

SDG No.: BF101124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4264-04	DCYN8	BF139779.D	2-Fluorophenol	150	34.81	23		18	112
			Phenol-d6	150	30.17	20		15	107
			Nitrobenzene-d5	100	22.18	22		18	107
			2-Fluorobiphenyl	100	23.95	24		20	109
			2,4,6-Tribromophenol	150	32.15	21		10	116
			Terphenyl-d14	100	21.84	22		10	105

Surrogate Summary

SW-846

SDG No.: **BF101124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4353-01	CF-400-COMP-43	BF139780.D	2-Fluorophenol	150	102.30	68		18	112
			Phenol-d6	150	90.24	60		15	107
			Nitrobenzene-d5	100	63.70	64		18	107
			2-Fluorobiphenyl	100	71.54	72		20	109
			2,4,6-Tribromophenol	150	95.59	64		10	116
			Terphenyl-d14	100	68.94	69		10	105
PB163997BL	PB163997BL	BF139764.D	2-Fluorophenol	150	136.98	91		18	112
			Phenol-d6	150	132.85	89		15	107
			Nitrobenzene-d5	100	89.53	90		18	107
			2-Fluorobiphenyl	100	89.13	89		20	109
			2,4,6-Tribromophenol	150	131.07	87		10	116
			Terphenyl-d14	100	87.02	87		10	105

Surrogate Summary

SW-846

SDG No.: **BF101124**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4364-01	SB-01-1.0-1.5	BF139778.D	2-Fluorophenol	150	97.95	65		18	112
			Phenol-d6	150	84.84	57		15	107
			Nitrobenzene-d5	100	65.65	66		18	107
			2-Fluorobiphenyl	100	66.38	66		20	109
			2,4,6-Tribromophenol	150	91.02	61		10	116
			Terphenyl-d14	100	63.72	64		10	105
P4364-02	SB-01-2.5-3.0	BF139777.D	2-Fluorophenol	150	113.88	76		18	112
			Phenol-d6	150	101.81	68		15	107
			Nitrobenzene-d5	100	75.35	75		18	107
			2-Fluorobiphenyl	100	79.84	80		20	109
			2,4,6-Tribromophenol	150	98.75	66		10	116
			Terphenyl-d14	100	64.02	64		10	105
P4364-03	SB-01-4.25-4.83	BF139767.D	2-Fluorophenol	150	121.05	81		18	112
			Phenol-d6	150	116.29	78		15	107
			Nitrobenzene-d5	100	80.92	81		18	107
			2-Fluorobiphenyl	100	81.31	81		20	109
			2,4,6-Tribromophenol	150	91.81	61		10	116
			Terphenyl-d14	100	57.36	57		10	105
P4364-05	SB-02-2.0-2.5	BF139785.D	2-Fluorophenol	150	105.35	70		18	112
			Phenol-d6	150	91.09	61		15	107
			Nitrobenzene-d5	100	61.34	61		18	107
			2-Fluorobiphenyl	100	66.70	67		20	109
			2,4,6-Tribromophenol	150	95.53	64		10	116
			Terphenyl-d14	100	72.82	73		10	105
P4364-06	SB-02-4.5-5.0	BF139775.D	2-Fluorophenol	150	106.66	71		18	112
			Phenol-d6	150	95.10	63		15	107
			Nitrobenzene-d5	100	74.48	74		18	107
			2-Fluorobiphenyl	100	69.43	69		20	109
			2,4,6-Tribromophenol	150	98.83	66		10	116
			Terphenyl-d14	100	54.54	55		10	105
P4364-07	SB-03-0.167-0.667	BF139776.D	2-Fluorophenol	150	77.74	52		18	112
			Phenol-d6	150	69.18	46		15	107
			Nitrobenzene-d5	100	52.92	53		18	107
			2-Fluorobiphenyl	100	55.97	56		20	109
			2,4,6-Tribromophenol	150	71.21	47		10	116
			Terphenyl-d14	100	45.59	46		10	105
P4364-08	SB-03-2.0-2.5	BF139784.D	2-Fluorophenol	150	105.13	70		18	112
			Phenol-d6	150	86.37	58		15	107
			Nitrobenzene-d5	100	60.18	60		18	107
			2-Fluorobiphenyl	100	69.29	69		20	109
			2,4,6-Tribromophenol	150	95.00	63		10	116
			Terphenyl-d14	100	77.55	78		10	105
P4364-11	SB-04-2.0-2.5	BF139773.D	2-Fluorophenol	150	136.40	91		18	112
			Phenol-d6	150	119.97	80		15	107
			Nitrobenzene-d5	100	92.52	93		18	107
			2-Fluorobiphenyl	100	94.75	95		20	109
			2,4,6-Tribromophenol	150	122.37	82		10	116
			Terphenyl-d14	100	59.74	60		10	105
P4364-11MS	SB-04-2.0-2.5MS	BF139772.D	2-Fluorophenol	150	115.03	77		18	112

Surrogate Summary

SW-846

SDG No.: **BF101124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4364-11MS	SB-04-2.0-2.5MS	BF139772.D	Phenol-d6	150	106.48	71		15	107
			Nitrobenzene-d5	100	78.09	78		18	107
			2-Fluorobiphenyl	100	82.05	82		20	109
			2,4,6-Tribromophenol	150	93.97	63		10	116
			Terphenyl-d14	100	53.41	53		10	105
P4364-11MSD	SB-04-2.0-2.5MSD	BF139774.D	2-Fluorophenol	150	124.44	83		18	112
			Phenol-d6	150	113.91	76		15	107
			Nitrobenzene-d5	100	83.41	83		18	107
			2-Fluorobiphenyl	100	88.75	89		20	109
			2,4,6-Tribromophenol	150	104.99	70		10	116
P4364-12	SB-04-4.5-5.0	BF139766.D	Terphenyl-d14	100	60.89	61		10	105
			2-Fluorophenol	150	82.50	55		18	112
			Phenol-d6	150	80.12	53		15	107
			Nitrobenzene-d5	100	53.37	53		18	107
			2-Fluorobiphenyl	100	50.55	51		20	109
P4364-13	SB-05-0.167-0.667	BF139771.D	2,4,6-Tribromophenol	150	66.74	44		10	116
			Terphenyl-d14	100	41.69	42		10	105
			2-Fluorophenol	150	77.82	52		18	112
			Phenol-d6	150	69.34	46		15	107
			Nitrobenzene-d5	100	53.18	53		18	107
P4364-15	SB-07-0.167-0.667	BF139770.D	2-Fluorobiphenyl	100	58.26	58		20	109
			2,4,6-Tribromophenol	150	68.22	45		10	116
			Terphenyl-d14	100	40.04	40		10	105
			2-Fluorophenol	150	91.69	61		18	112
			Phenol-d6	150	83.10	55		15	107
P4364-16	SB-08-0.167-0.667	BF139769.D	Nitrobenzene-d5	100	61.35	61		18	107
			2-Fluorobiphenyl	100	69.93	70		20	109
			2,4,6-Tribromophenol	150	79.82	53		10	116
			Terphenyl-d14	100	45.08	45		10	105
			2-Fluorophenol	150	100.92	67		18	112
PB164005BS	PB164005BS	BF139765.D	Phenol-d6	150	91.64	61		15	107
			Nitrobenzene-d5	100	67.73	68		18	107
			2-Fluorobiphenyl	100	76.88	77		20	109
			2,4,6-Tribromophenol	150	83.46	56		10	116
			Terphenyl-d14	100	52.16	52		10	105
PB164005BS	PB164005BS	BF139765.D	2-Fluorophenol	150	123.24	82		18	112
			Phenol-d6	150	119.97	80		15	107
			Nitrobenzene-d5	100	80.92	81		18	107
			2-Fluorobiphenyl	100	79.33	79		20	109
			2,4,6-Tribromophenol	150	114.78	77		10	116
PB164005BS	PB164005BS	BF139765.D	Terphenyl-d14	100	92.84	93		10	105

Surrogate Summary

SW-846

SDG No.: **BF101124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4376-01	OR-02-100924	BF139768.D	2-Fluorophenol	150	52.57	35		18	112
			Phenol-d6	150	47.59	32		15	107
			Nitrobenzene-d5	100	35.48	35		18	107
			2-Fluorobiphenyl	100	38.20	38		20	109
			2,4,6-Tribromophenol	150	40.10	27		10	116
			Terphenyl-d14	100	25.66	26		10	105
P4377-01	HD-01-100924	BF139783.D	2-Fluorophenol	150	154.50	103		18	112
			Phenol-d6	150	142.04	95		15	107
			Nitrobenzene-d5	100	94.88	95		18	107
			2-Fluorobiphenyl	100	108.01	108		20	109
			2,4,6-Tribromophenol	150	137.31	92		10	116
			Terphenyl-d14	100	112.33	112	*	10	105
P4377-01MS	HD-01-100924MS	BF139782.D	2-Fluorophenol	150	131.11	87		18	112
			Phenol-d6	150	116.12	77		15	107
			Nitrobenzene-d5	100	84.13	84		18	107
			2-Fluorobiphenyl	100	91.47	91		20	109
			2,4,6-Tribromophenol	150	121.82	81		10	116
			Terphenyl-d14	100	96.31	96		10	105
P4377-01MSD	HD-01-100924MS	BF139781.D	2-Fluorophenol	150	125.71	84		18	112
			Phenol-d6	150	111.03	74		15	107
			Nitrobenzene-d5	100	77.66	78		18	107
			2-Fluorobiphenyl	100	84.77	85		20	109
			2,4,6-Tribromophenol	150	119.10	79		10	116
			Terphenyl-d14	100	89.45	89		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF101124

Lab Code: CHEM

SAS No.: BF101124 SDG NO.: BF101124

Lab File ID: BF139762.D

DFTPP Injection Date: 10/11/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.9
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.8
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	48.2
197	Less than 2.0% of mass 198	0.9
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	92.3
443	15.0 - 24.0% of mass 442	17.7 (19.2) 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	BF139763.D	10/11/2024	09:29
PB163997BL	PB163997BL	BF139764.D	10/11/2024	09:58
PB164005BS	PB164005BS	BF139765.D	10/11/2024	10:27
SB-04-4.5-5.0	P4364-12	BF139766.D	10/11/2024	10:58
SB-01-4.25-4.83	P4364-03	BF139767.D	10/11/2024	11:27
OR-02-100924	P4376-01	BF139768.D	10/11/2024	11:56
SB-08-0.167-0.667	P4364-16	BF139769.D	10/11/2024	12:25
SB-07-0.167-0.667	P4364-15	BF139770.D	10/11/2024	12:54
SB-05-0.167-0.667	P4364-13	BF139771.D	10/11/2024	13:23
SB-04-2.0-2.5MS	P4364-11MS	BF139772.D	10/11/2024	13:51
SB-04-2.0-2.5	P4364-11	BF139773.D	10/11/2024	14:20
SB-04-2.0-2.5MSD	P4364-11MSD	BF139774.D	10/11/2024	14:49
SB-02-4.5-5.0	P4364-06	BF139775.D	10/11/2024	15:18
SB-03-0.167-0.667	P4364-07	BF139776.D	10/11/2024	15:47
SB-01-2.5-3.0	P4364-02	BF139777.D	10/11/2024	16:16
SB-01-1.0-1.5	P4364-01	BF139778.D	10/11/2024	16:45
DCYN8	P4264-04	BF139779.D	10/11/2024	17:13
CF-400-COMP-43	P4353-01	BF139780.D	10/11/2024	17:42

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF101124

Lab Code: CHEM

SAS No.: BF101124 SDG NO.: BF101124

Lab File ID: BF139762.D

DFTPP Injection Date: 10/11/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.9
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.8
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	48.2
197	Less than 2.0% of mass 198	0.9
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	92.3
443	15.0 - 24.0% of mass 442	17.7 (19.2) 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
HD-01-100924MSD	P4377-01MSD	BF139781.D	10/11/2024	18:11
HD-01-100924MS	P4377-01MS	BF139782.D	10/11/2024	18:39
HD-01-100924	P4377-01	BF139783.D	10/11/2024	19:08
SB-03-2.0-2.5	P4364-08	BF139784.D	10/11/2024	19:37
SB-02-2.0-2.5	P4364-05	BF139785.D	10/11/2024	20:05